
From: Related PFR Event <pfrsignificantactivitycreation@fda.hhs.gov>
To: Carey, Lauren; Cleary, Michael *; HQ Pet Food Report Notification;
B6
Sent: 6/11/2019 3:08:57 PM
Subject: Poulin Pro Form Lamb and Rice Adult Maintenance Dry: Lisa Freeman - EON-390164
Attachments: 2068069-report.pdf; 2068069-attachments.zip

A PFR Report has been received and Related PFR Event [EON-390164] has been created in the EON System.

A "PDF" report by name "2068069-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2068069-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-390164

ICSR #: 2068069

EON Title: Related PFR Event created for Poulin Pro Form Lamb and Rice Adult Maintenance Dry; 2068069

AE Date	12/22/2018	Number Fed/Exposed	1
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Stable
Breed	Irish Wolfhound		
Age	6 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2068069

Product Group: Pet Food

Product Name: Poulin Pro Form Lamb and Rice Adult Maintenance Dry

Description: Had B6 in September 2018; re-presented in December 2018 when arrhythmias were noted. Cardiology consult identified arrhythmias and reduced contractile function (and eating BEG diet). Unclear whether this was primary problem or secondary to systemic illness. Rechecked by cardiology 2/5/19 and still had arrhythmia and reduced contractility. NT-proBNP and cTnI elevated. Owner already changed diet in January to

Purina Pro Plan Chicken and Rice so will continue on this diet and will recheck in 3 months.

Submission Type: Followup

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Stable

Number of Animals Treated With Product: 1

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Poulin Pro Form Lamb and Rice Adult Maintenance Dry		

This report is linked to:

Initial EON Event Key: EON-380706

Initial ICSR: 2063113

Sender information

Lisa Freeman
200 Westboro Rd
North Grafton, MA 01536
USA

Owner information

B6

USA

To view this Related PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-390164>

To view the Related PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspa?decorator=none&e=0&issueType=10100&issueId=407436&parentIssueTypeId=12>

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Report Details - EON-390164

ICSR:	2068069
Type Of Submission:	Followup
Report Version:	FPSR.FDA.PETF.V.V1
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type:	Voluntary
Report Submission Date:	2019-06-11 11:03:06 EDT
Initial Report Date:	02/24/2019
Parent ICSR:	2063113
Follow-up Report to FDA Request:	Yes

Reported Problem:	Problem Description:	Had B6 in September 2018; re-presented in December 2018 when arrhythmias were noted. Cardiology consult identified arrhythmias and reduced contractile function (and eating BEG diet). Unclear whether this was primary problem or secondary to systemic illness. Rechecked by cardiology 2/5/19 and still had arrhythmia and reduced contractility. NT-proBNP and cTnI elevated. Owner already changed diet in January to Purina Pro Plan Chicken and Rice so will continue on this diet and will recheck in 3 months.
	Date Problem Started:	12/22/2018
	Concurrent Medical Problem:	Yes
	Pre Existing Conditions:	B6 Sept and Dec 2018
	Outcome to Date:	Stable

Product Information:	Product Name:	Poulin Pro Form Lamb and Rice Adult Maintenance Dry
	Product Type:	Pet Food
	Lot Number:	
	Package Type:	BAG
	Product Use Information:	Description: Please see diet history form for more details
	Manufacturer /Distributor Information:	
	Purchase Location Information:	

Animal Information:	Name:	B6
	Type Of Species:	Dog
	Type Of Breed:	Irish Wolfhound
	Gender:	Female
	Reproductive Status:	Intact
	Pregnancy Status:	Not Pregnant
	Lactation Status:	Not lactating
	Weight:	60.5 Kilogram
	Age:	6 Years
	Assessment of Prior Health:	Good
	Number of Animals Given the Product:	1
	Number of Animals Reacted:	1
	Owner Information:	Owner Information provided: Yes
		Contact: Name: B6 Phone: B6

		Email: B6
	Address:	B6 United States
Healthcare Professional Information:	Practice Name:	Tufts Cummings School of Veterinary Medicine
	Contact Name:	Lisa Freeman
	Phone:	(508) 887-4523
	Email:	lisa.freeman@tufts.edu
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
Sender Information:	Name:	Lisa Freeman
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
	Contact Phone:	5088874523
	Contact Email:	lisa.freeman@tufts.edu
	Permission To Contact Sender:	Yes
	Preferred Method Of Contact:	Email
Additional Documents:	Attachment:	Follow-up med records pt 2.pdf
	Description:	Med Records
	Type:	Medical Records
	Attachment:	Follow-up med records pt 1.pdf
	Description:	Med Records
	Type:	Medical Records
	Attachment:	ECG 5-9-2019.pdf
	Description:	ECG
	Type:	Medical Records

From: Related PFR Event <pfrsignificantactivitycreation@fda.hhs.gov>
To: Rotstein, David; Cleary, Michael *; HQ Pet Food Report Notification;
B6
Sent: 6/11/2019 6:36:57 PM
Subject: Pure Balance Salmon and Pea dry: Lisa Freeman - EON-390200
Attachments: 2068093-report.pdf; 2068093-attachments.zip

A PFR Report has been received and Related PFR Event [EON-390200] has been created in the EON System.

A "PDF" report by name "2068093-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2068093-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-390200

ICSR #: 2068093

EON Title: Related PFR Event created for Pure Balance Salmon and Pea dry, Taste of the Wild High Prairie dry; 2068093

AE Date	10/31/2018	Number Fed/Exposed	1
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Stable
Breed	Retriever - Golden		
Age	B6 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2068093

Product Group: Pet Food

Product Name: Pure Balance Salmon and Pea dry, Taste of the Wild High Prairie dry

Description: DCM and CHF diagnosed 10/31/18. On BEG diet. Normal taurine levels

Submission Type: Followup

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Stable

Number of Animals Treated With Product: 1

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Taste of the Wild High Prairie dry		
Pure Balance Salmon and Pea dry		

This report is linked to:

Initial EON Event Key: EON-370760

Initial ICSR: 2058697

Sender information

Lisa Freeman
200 Westboro Rd
North Grafton, MA 01536
USA

Owner information

B6 USA

To view this Related PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-390200>

To view the Related PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspa?decorator=none&e=0&issueType=10100&issueId=407472&parentIssueTypeId=12>

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Report Details - EON-390200

ICSR:	2068093
Type Of Submission:	Followup
Report Version:	FPSR.FDA.PETF.V.V1
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type:	Voluntary
Report Submission Date:	2019-06-11 14:25:21 EDT
Initial Report Date:	11/10/2018
Parent ICSR:	2058697
Follow-up Report to FDA Request:	Yes

Reported Problem:	Problem Description:	DCM and CHF diagnosed 10/31/18. On BEG diet. Normal taurine levels	
	Date Problem Started:	10/31/2018	
	Concurrent Medical Problem:	Yes	
	Pre Existing Conditions:	B6	
	Outcome to Date:	Stable	

Product Information:	Product Name:	Taste of the Wild High Prairie dry		
	Product Type:	Pet Food		
	Lot Number:			
	Package Type:	BAG		
	Product Use Information:	Description:	Fed for last 3 months until 2 weeks ago when changed to Beneful Salmon dry	
	Manufacturer /Distributor Information:			
	Purchase Location Information:			
	Product Name:	Pure Balance Salmon and Pea dry		
	Product Type:	Pet Food		
	Lot Number:			
	Package Type:	BAG		
	Product Use Information:	Description:	Fed for past 6 years until about 3 months ago	
	Manufacturer /Distributor Information:			
	Purchase Location Information:			

Animal Information:	Name:	B6		
	Type Of Species:	Dog		
	Type Of Breed:	Retriever - Golden		
	Gender:	Female		
	Reproductive Status:	Neutered		
	Weight:	25.5 Kilogram		
	Age:	B6 Years		
	Assessment of Prior Health:	Good		
	Number of Animals Given the Product:	1		
	Number of Animals Reacted:	1		
	Owner Information:	Owner	Yes	

		<p>Information provided:</p> <p>Contact: Name: B6 Phone: B6 Email: B6</p> <p>Address: B6 United States</p> <p>Healthcare Professional Information: Practice Name: Tufts Cummings School of Veterinary Medicine</p> <p>Contact: Name: Lisa Freeman Phone: (508) 887-4523 Email: lisa.freeman@tufts.edu</p> <p>Address: 200 Westboro Rd North Grafton Massachusetts 01536 United States</p>
Sender Information:		<p>Name: Lisa Freeman</p> <p>Address: 200 Westboro Rd North Grafton Massachusetts 01536 United States</p> <p>Contact: Phone: 5088874523 Email: lisa.freeman@tufts.edu</p> <p>Permission To Contact Sender: Yes</p> <p>Preferred Method Of Contact: Email</p>
Additional Documents:		<p>Attachment: Follow-up med records pt 1.pdf Description: Med records Type: Medical Records</p> <p>Attachment: Follow-up med records pt 3.pdf Description: Med records Type: Medical Records</p> <p>Attachment: Follow-up med records pt 2.pdf Description: Med records Type: Medical Records</p>

Client:
Patient:

B6

ECG from Cardio

B6

B6

4:16:11 PM

Page 1 of 2

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

Client:
Patient:

B6

ECG from Cardio

B6

B6

4:16:11 PM

Page 2 of 2

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

Client:
Patient:

B6

ECG from Cardio

B6

B6

4:16:12 PM

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

Client: **B6**
Patient:

ECG from Cardio

B6

B6 1:16:25 PM Page 1 of 2
Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

Client:
Patient:

B6

ECG from Cardio

B6

B6

4:16:25 PM

Page 2 of 2

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

Client: **B6**
Patient:

ECG from Cardio

B6

B6 4:19:51 PM

Tufts University
Tufts Cummings School of Vet Med
Cardiology

12 Lead, Standard Placement

B6

Client:
Patient:

B6

ECG from Cardio

B6

B6

4:20:16 PM

Tufts University
Tufts Cummings School of Vet Med
Cardiology

12 Lead: Standard Placement

B6

Client: **B6**
Patient: **B6**

ECG from Cardio

B6

B6

4:21:38 PM

Tufts University
Tufts Cummings School of Vet Med
Cardiology

12 Lead: Standard Placement

B6

Client: **B6**
Patient: **B6**

ECG from Cardio

B6

B6

4:22:05 PM

Page 1 of 2

Tufts University
Tufts Cummings School of Vet Med
Cardiology

12 Lead, Standard Placement

B6

Client: **B6**
Patient:

ECG from Cardio

B6

B6

4:22:05 PM

Page 2 of 2

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

From: Related PFR Event <pfrsignificantactivitycreation@fda.hhs.gov>
To: Carey, Lauren; Cleary, Michael *; HQ Pet Food Report Notification; [REDACTED] B6
Sent: 6/11/2019 7:00:42 PM
Subject: Wellness CORE Grain-Free Ocean Whitefish dry-Wellness Core grain free turkey: Lisa Freeman - EON-390205
Attachments: 2068096-report.pdf

A PFR Report has been received and Related PFR Event [EON-390205] has been created in the EON System.

A "PDF" report by name "2068096-report.pdf" is attached to this email notification for your reference.

Below is the summary of the report:

EON Key: EON-390205

ICSR #: 2068096

EON Title: Related PFR Event created for Wellness CORE Grain-Free Ocean Whitefish dry Wellness Core grain free turkey chicken liver and turkey liver formula canned Wellness Core Hearty Cuts grain-free in gravy chicken and turkey recipe; 2068096

AE Date	02/01/2019	Number Fed/Exposed	6
Best By Date		Number Reacted	4
Animal Species	Dog	Outcome to Date	Died Other
Breed	Bulldog		
Age	8 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2068096

Product Group: Pet Food

Product Name: Wellness CORE Grain-Free Ocean Whitefish dry Wellness Core grain free turkey, chicken liver, and turkey liver formula canned Wellness Core Hearty Cuts grain-free in gravy chicken and turkey recipe

Description: Housemate (half sister; [REDACTED] B6) - (ICSR) of 2063133) diagnosed with DCM and CHF so screened by RDVM for BNP which was elevated. Evaluated at Tufts 2/1/19. ARVC/diet-induced DCM with ventricular arrhythmia. Diet changed to Royal Canin Early Cardiac and will re-evaluate in 3 months I have diet

sample. 3 other dogs in household (1 had normal BNP, other 2 not yet evaluated) Patient DOA when owners arrived home on **B6** Suspected sudden death. Heart muscle samples were collected by rDVM and submitted to FDA for further evaluation.

Submission Type: Followup

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Died Other

Number of Animals Treated With Product: 6

Number of Animals Reacted With Product: 4

Product Name	Lot Number or ID	Best By Date
Wellness CORE Grain-Free Ocean Whitefish dry Wellness Core grain free turkey, chicken liver, and turkey liver formula canned Wellness Core Hearty Cuts grain-free in gravy chicken and turkey recipe		

This report is linked to:

Initial EON Event Key: EON-380743

Initial ICSR: 2063134

Sender information

Lisa Freeman
200 Westboro Rd
North Grafton, MA 01536
USA

Owner information

B6
USA

To view this Related PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-390205>

To view the Related PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspx?decorator=none&e=0&issueType=10100&issueId=407477&parentIssueTypeId=12>

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Report Details - EON-390205

ICSR:	2068096
Type Of Submission:	Followup
Report Version:	FPSR.FDA.PETF.V.V1
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type:	Voluntary
Report Submission Date:	2019-06-11 14:55:22 EDT
Initial Report Date:	02/25/2019
Parent ICSR:	2063134
Follow-up Report to FDA Request:	Yes

Reported Problem:	Problem Description:	Housemate (half sister; B6) - (ICSR) of 2063133) diagnosed with DCM and CHF so screened by RDVM for BNP which was elevated. Evaluated at Tufts 2/1/19. ARVC/diet-induced DCM with ventricular arrhythmia. Diet changed to Royal Canin Early Cardiac and will re-evaluate in 3 months I have diet sample. 3 other dogs in household (1 had normal BNP, other 2 not yet evaluated) Patient DOA when owners arrived home on B6 ; Suspected sudden death. Heart muscle samples were collected by rDVM and submitted to FDA for further evaluation.
	Date Problem Started:	B6
	Concurrent Medical Problem:	Yes
	Pre Existing Conditions:	B6
	Outcome to Date:	Died Other
	Date of Death:	B6

Product Information:	Product Name:	Wellness CORE Grain-Free Ocean Whitefish dry Wellness Core grain free turkey, chicken liver, and turkey liver formula canned Wellness Core Hearty Cuts grain-free in gravy chicken and turkey recipe
	Product Type:	Pet Food
	Lot Number:	
	Product Use Information:	Description: Please see diet history for more info (and refer to B6 diet history for more complete info - all dogs eat same diets)
	Manufacturer /Distributor Information:	
	Purchase Location Information:	

Animal Information:	Name:	B6
	Type Of Species:	Dog
	Type Of Breed:	Bulldog
	Gender:	Male
	Reproductive Status:	Neutered
	Weight:	22.1 Kilogram
	Age:	8 Years
	Assessment of Prior Health:	Good
	Number of Animals Given the Product:	6
	Number of Animals Reacted:	4
Owner Information:	Owner Information provided: Yes	
	Contact: Name:	B6

			Phone: B6	
			Email: B6	
		Address:	B6 United States	
Healthcare Professional Information:	Practice Name:	Tufts Cummings School of Veterinary Medicine		
	Contact:	Name:	Lisa Freeman	
		Phone:	(508) 887-4523	
		Email:	lisa.freeman@tufts.edu	
Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States			
Sender Information:	Name:	Lisa Freeman		
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States		
		Contact:	Phone:	5088874523
			Email:	lisa.freeman@tufts.edu
		Permission To Contact Sender:	Yes	
Preferred Method Of Contact:	Email			
Additional Documents:				

Report Details - EON-380706

ICSR: 2063113
Type Of Submission: Initial
Report Version: FPSR.FDA.PETF.V.V1
Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type: Voluntary
Report Submission Date: 2019-02-24 16:24:11 EST

Reported Problem:

Problem Description: Had [B6] in September 2018; re-presented in December 2018 when arrhythmias were noted. Cardiology consult identified arrhythmias and reduced contractile function (and eating BEG diet). Unclear whether this was primary problem or secondary to systemic illness. Rechecked by cardiology 2/5/19 and still had arrhythmia and reduced contractility. NT-proBNP and cTnI elevated. Owner already changed diet in January to Purina Pro Plan Chicken and Rice so will continue on this diet and will recheck in 3 months.

Date Problem Started: 12/22/2018

Concurrent Medical Problem: Yes

Pre Existing Conditions: [B6] Sept and Dec 2018

Outcome to Date: Stable

Product Information:

Product Name: Poulin Pro Form Lamb and Rice Adult Maintenance Dry

Product Type: Pet Food

Lot Number:

Package Type: BAG

Product Use Information: **Description:** Please see diet history form for more details

Manufacturer /Distributor Information:

Purchase Location Information:

Animal Information:

Name: [B6]

Type Of Species: Dog

Type Of Breed: Irish Wolfhound

Gender: Female

Reproductive Status: Intact

Pregnancy Status: Not Pregnant

Lactation Status: Not lactating

Weight: 60.5 Kilogram

Age: [B6]

Assessment of Prior Health: Good

Number of Animals Given the Product: 1

Number of Animals Reacted: 1

Owner Information: **Owner Information provided:** Yes

Contact: **Name:** [B6]
Phone: [B6]
Email: [B6]

Address: [B6]

		B6 United States
Healthcare Professional Information:	Practice Name:	Tufts Cummings School of Veterinary Medicine
	Contact Name:	Lisa Freeman
	Phone:	(508) 887-4523
	Email:	lisa.freeman@tufts.edu
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
Sender Information:	Name:	Lisa Freeman
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
	Contact Phone:	5088874523
	Contact Email:	lisa.freeman@tufts.edu
	Permission To Contact Sender:	Yes
	Preferred Method Of Contact:	Email
Additional Documents:	Attachment:	cbc and profile.pdf
	Description:	Will send by email
	Type:	Medical Records

From: PFR Event <pfpreventcreation@fda.hhs.gov>
To: Cleary, Michael *; HQ Pet Food Report Notification; [B6]
Sent: 2/24/2019 9:40:39 PM
Subject: Purina One Smart Blend Lamb and Rice dry: Lisa Freeman - EON-380707
Attachments: 2063114-report.pdf; 2063114-attachments.zip

A PFR Report has been received and PFR Event [EON-380707] has been created in the EON System.

A "PDF" report by name "2063114-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2063114-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-380707

ICSR #: 2063114

EON Title: PFR Event created for Purina One Smart Blend Lamb and Rice dry; 2063114

AE Date	08/01/2018	Number Fed/Exposed	3
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Worse/Declining/Deteriorating
Breed	Doberman Pinscher		
Age	[B6] Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2063114

Product Group: Pet Food

Product Name: Purina One Smart Blend Lamb and Rice dry

Description: DCM and CHF diagnosed Aug 2018 We saw 1/11/19 - CHF still not well controlled Eating Purina Lamb and Rice - unlikely to be associated with DCM but reporting just in case Owner is now changing to different diet and will recheck in 3 months 2 other dogs eating same diet - we have not screened them yet. BNP = [B6] troponin [B6] but taurine normal [B6] plasma [B6] whole blood)

Submission Type: Initial

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Worse/Declining/Deteriorating

Number of Animals Treated With Product: 3

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Purina One Smart Blend Lamb and Rice dry		

Sender information

Lisa Freeman
200 Westboro Rd
North Grafton, MA 01536
USA

Owner information

B6
B6 USA

To view this PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-380707>

To view the PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspa?decorator=none&e=0&issueType=12&issueId=397716>

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Report Details - EON-380707

ICSR: 2063114
Type Of Submission: Initial
Report Version: FPSR.FDA.PETF.V.V1
Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type: Voluntary
Report Submission Date: 2019-02-24 16:31:40 EST

Reported Problem:
Problem Description: DCM and CHF diagnosed Aug 2018 We saw 1/11/19 - CHF still not well controlled Eating Purina Lamb and Rice - unlikely to be associated with DCM but reporting just in case Owner is now changing to different diet and will recheck in 3 months 2 other dogs eating same diet - we have not screened them yet. BNP = [B6] troponin [B6] but taurine normal [B6] plasma, [B6] whole blood)
Date Problem Started: 08/01/2018
Concurrent Medical Problem: No
Outcome to Date: Worse/Declining/Deteriorating

Product Information:
Product Name: Purina One Smart Blend Lamb and Rice dry
Product Type: Pet Food
Lot Number:
Product Use Information: **Description:** 1/2 cup twice daily since a puppy See diet history for additional details
Manufacturer /Distributor Information:
Purchase Location Information:

Animal Information:
Name: [B6]
Type Of Species: Dog
Type Of Breed: Doberman Pinscher
Gender: Male
Reproductive Status: Neutered
Weight: 29.9 Kilogram
Age: [B6]
Assessment of Prior Health: Excellent
Number of Animals Given the Product: 3
Number of Animals Reacted: 1
Owner Information: **Owner Information provided:** Yes
Contact: **Name:** [B6]
Phone: [B6]
Email: [B6]
Address: [B6]
United States
Healthcare Professional Information: **Practice Name:** Tufts Cummings School of Veterinary Medicine
Contact: **Name:** Lisa Freeman
Phone: (508) 887-4523
Email: lisa.freeman@tufts.edu

Address: 200 Westboro Rd
North Grafton
Massachusetts
01536
United States

Sender Information:

Name: Lisa Freeman

Address: 200 Westboro Rd
North Grafton
Massachusetts
01536
United States

Contact: **Phone:** 5088874523

Email: lisa.freeman@tufts.edu

Permission To Contact Sender: Yes

Preferred Method Of Contact: Email

Additional Documents:

Attachment: rpt_medical_record_preview **B6** pdf

Description: Medical records

Type: Medical Records

Report Details - EON-380707

ICSR: 2063114
 Type Of Submission: Initial
 Report Version: FPSR.FDA.PETF.V.V1
 Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
 Reporting Type: Voluntary
 Report Submission Date: 2019-02-24 16:31:40 EST

Reported Problem:
Problem Description: DCM and CHF diagnosed Aug 2018 We saw 1/11/19 - CHF still not well controlled Eating Purina Lamb and Rice - unlikely to be associated with DCM but reporting just in case Owner is now changing to different diet and will recheck in 3 months 2 other dogs eating same diet - we have not screened them yet. BNP = [B6] troponin [B6] but taurine normal ([B6] plasma [B6] whole blood)
Date Problem Started: 08/01/2018
Concurrent Medical Problem: No
Outcome to Date: Worse/Declining/Deteriorating

Product Information:
Product Name: Purina One Smart Blend Lamb and Rice dry
Product Type: Pet Food
Lot Number:
Product Use Information: **Description:** 1/2 cup twice daily since a puppy See diet history for additional details
Manufacturer /Distributor Information:
Purchase Location Information:

Animal Information:
Name: [B6]
Type Of Species: Dog
Type Of Breed: Doberman Pinscher
Gender: Male
Reproductive Status: Neutered
Weight: 29.9 Kilogram
Age: [B6]
Assessment of Prior Health: Excellent
Number of Animals Given the Product: 3
Number of Animals Reacted: 1
Owner Information:
Owner Information provided: Yes
Contact: **Name:** [B6]
Phone: [B6]
Email: [B6]
Address: [B6]
 United States
Healthcare Professional Information:
Practice Name: Tufts Cummings School of Veterinary Medicine
Contact: **Name:** Lisa Freeman
Phone: (508) 887-4523
Email: lisa.freeman@tufts.edu

		Address: 200 Westboro Rd North Grafton Massachusetts 01536 United States
Sender Information:	Name:	Lisa Freeman
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
	Contact:	Phone: 5088874523
		Email: lisa.freeman@tufts.edu
	Permission To Contact Sender:	Yes
	Preferred Method Of Contact:	Email
Additional Documents:	Attachment:	rpt_medical_record_preview B6 pdf
	Description:	Medical records
	Type:	Medical Records

Report Details - EON-384837

ICSR:	2065714
Type Of Submission:	Followup
Report Version:	FPSR.FDA.PETF.V.V1
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type:	Voluntary
Report Submission Date:	2019-04-11 17:17:15 EDT
Initial Report Date:	02/24/2019
Parent ICSR:	2063114
Follow-up Report to FDA Request:	Yes

Reported Problem:	Problem Description:	DCM and CHF diagnosed Aug 2018 We saw 1/11/19 - CHF still not well controlled Eating Purina Lamb and Rice - unlikely to be associated with DCM but reporting just in case Owner is now changing to different diet and will recheck in 3 months 2 other dogs eating same diet - we have not screened them yet. BNP = B6 troponin B6 but taurine normal (B6 plasma B6 whole blood)
	Date Problem Started:	08/01/2018
	Concurrent Medical Problem:	No
	Outcome to Date:	Died Other
	Date of Death:	B6

Product Information:	Product Name:	Purina One Smart Blend Lamb and Rice dry
	Product Type:	Pet Food
	Lot Number:	
	Product Use Information:	Description: 1/2 cup twice daily since a puppy See diet history for additional details
	Manufacturer /Distributor Information:	
	Purchase Location Information:	

Animal Information:	Name:	B6
	Type Of Species:	Dog
	Type Of Breed:	Doberman Pinscher
	Gender:	Male
	Reproductive Status:	Neutered
	Weight:	29.9 Kilogram
	Age:	B6
	Assessment of Prior Health:	Excellent
	Number of Animals Given the Product:	3
	Number of Animals Reacted:	1
	Owner Information:	Owner Information provided: Yes
	Contact: Name: B6	
	Phone: B6	
	Email: B6	
	Address: B6	

		B6 United States	
Healthcare Professional Information:	Practice Name:	Tufts Cummings School of Veterinary Medicine	
	Contact:	Name: Lisa Freeman	
		Phone: (508) 887-4523	
		Email: lisa.freeman@tufts.edu	
Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States		
Sender Information:	Name:	Lisa Freeman	
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States	
		Contact:	Phone: 5088874523
			Email: lisa.freeman@tufts.edu
		Permission To Contact Sender:	Yes
	Preferred Method Of Contact:	Email	
Additional Documents:			

From: PFR Event <pfpreventcreation@fda.hhs.gov>
To: Cleary, Michael *; HQ Pet Food Report Notification;
Sent: 2/25/2019 1:45:06 PM
Subject: Acana lamb and apple dry: Lisa Freeman - EON-380747
Attachments: 2063136-report.pdf; 2063136-attachments.zip

B6

A PFR Report has been received and PFR Event [EON-380747] has been created in the EON System.

A "PDF" report by name "2063136-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2063136-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-380747

ICSR #: 2063136

EON Title: PFR Event created for Acana lamb and apple dry; 2063136

AE Date	01/22/2019	Number Fed/Exposed	1
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Stable
Breed	Spaniel - Cocker English		
Age	5 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2063136

Product Group: Pet Food

Product Name: Acana lamb and apple dry

Description: At ortho recheck 1/22/19, new murmur was noted to cardio consult performed. DCM identified. Dog eating BEG diet. Recommended diet change but owner has major concerns about dietary components triggering seizures. Enrolled in our DCM study and dog completed baseline measurements but then owner elected to withdraw from study. Unclear what she will do in terms of diet change. I have not provided owner contact information. If you wish to contact owner, please let me know and I can ask if ok to do so.

Submission Type: Initial

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Stable

Number of Animals Treated With Product: 1

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Acana lamb and apple dry		

Sender information

Lisa Freeman
200 Westboro Rd
North Grafton, MA 01536
USA

To view this PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-380747>

To view the PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jsps?decorator=none&e=0&issueType=12&issueId=397756>

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Report Details - EON-380747		
ICSR:	2063136	
Type Of Submission:	Initial	
Report Version:	FPSR.FDA.PETF.V.V1	
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)	
Reporting Type:	Voluntary	
Report Submission Date:	2019-02-25 08:34:16 EST	
Reported Problem:	Problem Description: At ortho recheck 1/22/19, new murmur was noted to cardio consult performed. DCM identified. Dog eating BEG diet. Recommended diet change but owner has major concerns about dietary components triggering seizures. Enrolled in our DCM study and dog completed baseline measurements but then owner elected to withdraw from study. Unclear what she will do in terms of diet change. I have not provided owner contact information. If you wish to contact owner, please let me know and I can ask if ok to do so.	
	Date Problem Started: 01/22/2019	
	Concurrent Medical Problem: Yes	
	Pre Existing Conditions: B6	
	Outcome to Date: Stable	
Product Information:	Product Name: Acana lamb and apple dry	
	Product Type: Pet Food	
	Lot Number:	
	Product Use Information: Description: Please see diet history	
	Manufacturer /Distributor Information:	
	Purchase Location Information:	
Animal Information:	Name: B6	
	Type Of Species: Dog	
	Type Of Breed: Spaniel - Cocker English	
	Gender: Male	
	Reproductive Status: Neutered	
	Weight: 15.8 Kilogram	
	Age: 5 Years	
	Assessment of Prior Health: Good	
	Number of Animals Given the Product: 1	
	Number of Animals Reacted: 1	
	Owner Information: Owner Information provided: No	
	Healthcare Professional Information:	Practice Name: Tufts Cummings School of Veterinary Medicine
		Contact: Name: Lisa Freeman
		Phone: (508) 887-4523
Email: lisa.freeman@tufts.edu		
Address: 200 Westboro Rd North Grafton Massachusetts 01536 United States		

Sender Information:	Name:	Lisa Freeman
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
	Contact:	Phone: 5088874523 Email: lisa.freeman@tufts.edu
	Permission To Contact Sender:	Yes
	Preferred Method Of Contact:	Email

Additional Documents:	Attachment:	rpt_medical_record_preview.pdf
	Description:	Records
	Type:	Medical Records
	Attachment:	discharge 1-22-19.pdf
	Description:	Discharge
	Type:	Other
	Attachment:	cardio report 1-22-19.pdf
	Description:	Cardio report 1/22/19
	Type:	Echocardiogram

From: Rotstein, David </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0A3B17EBFCF14A6CB8E94F322906BADD-DROTSTEI>
To: Carey, Lauren; Ceric, Olgica; Glover, Mark; Jones, Jennifer L; Nemser, Sarah; Palmer, Lee Anne; Peloquin, Sarah; Queen, Jackie L; Rotstein, David
Sent: 4/22/2019 3:12:11 PM
Subject: FW: Wellness Complete Health Fish and Sweet Potato dry: Lisa Freeman - EON-385681
Attachments: 2066093-report.pdf; Wellness Complete Health Fish and Sweet Potato dry: Lisa Freeman - EON-380848; 2066093-attachments.zip

Forwarding this on because the dog died of **B6** and unsure of necropsy status

David Rotstein, DVM, MPVM, Dipl. ACVP
CVM Vet-LIRN Liaison
CVM OSC/DC/CERT
7519 Standish Place
240-506-6763 (BB)



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From: Related PFR Event <pfrsignificantactivitycreation@fda.hhs.gov>
Sent: Monday, April 22, 2019 11:09 AM
To: Rotstein, David <David.Rotstein@fda.hhs.gov>; Cleary, Michael * <Michael.Cleary@fda.hhs.gov>; HQ Pet Food Report Notification <HQPetFoodReportNotification@fda.hhs.gov>; **B6**
Subject: Wellness Complete Health Fish and Sweet Potato dry: Lisa Freeman - EON-385681

A PFR Report has been received and Related PFR Event [EON-385681] has been created in the EON System.

A "PDF" report by name "2066093-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2066093-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-385681
ICSR #: 2066093
EON Title: Related PFR Event created for Wellness Complete Health Fish and Sweet Potato dry; 2066093

AE Date	02/22/2019	Number Fed/Exposed	2
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Died Other

Breed	Boxer (German Boxer)		
Age	B6 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2066093

Product Group: Pet Food

Product Name: Wellness Complete Health Fish and Sweet Potato dry

Description: Arrhythmia dx at RDVM July 2018 (had been "wheezing") Started wheezing again 1 week before admission. Diagnosed with DCM, CHF, and ventricular tachycardia 2/22/19 Was fed Wellness diet until 6/2018 then changed to Royal Canin Boxer (current diet). Taurine and troponin pending. Owner has another Boxer eating same diets - has not been screened Enrolled in DCM study. Changing to different diet (although Boxer diet is probably fine) and will recheck in 7 days and 3 months. Patient passed away at home **B6**

Submission Type: Followup

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Died Other

Number of Animals Treated With Product: 2

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Wellness Complete Health Fish and Sweet Potato dry		

This report is linked to:

Initial EON Event Key: EON-380848

Initial ICSR: 2063189

Sender information

Lisa Freeman
 200 Westboro Rd
 North Grafton, MA 01536
 USA

Owner information

B6

To view this Related PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-385681>

To view the Related PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspx?decorator=none&e=0&issueType=10100&issuelid=402809&parentIssueTypelid=12>

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Report Details - EON-385681

ICSR:	2066093
Type Of Submission:	Followup
Report Version:	FPSR.FDA.PETF.V.V1
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type:	Voluntary
Report Submission Date:	2019-04-22 11:00:18 EDT
Initial Report Date:	02/25/2019
Parent ICSR:	2063189
Follow-up Report to FDA Request:	Yes

Reported Problem:	Problem Description:	Arrhythmia dx at RDVM July 2018 (had been "wheezing") Started wheezing again 1 week before admission. Diagnosed with DCM, CHF, and ventricular tachycardia 2/22/19 Was fed Wellness diet until 6/2018 then changed to Royal Canin Boxer (current diet). Taurine and troponin pending. Owner has another Boxer eating same diets - has not been screened Enrolled in DCM study. Changing to different diet (although Boxer diet is probably fine) and will recheck in 7 days and 3 months. Patient passed away at home. B6
	Date Problem Started:	02/22/2019
	Concurrent Medical Problem:	No
	Outcome to Date:	Died Other
	Date of Death:	B6

Product Information:	Product Name:	Wellness Complete Health Fish and Sweet Potato dry	
	Product Type:	Pet Food	
	Lot Number:		
	Product Use Information:	Description:	Fed this diet 2012 - June, 2018 Currently, fed Royal Canin Boxer See diet history
	Manufacturer /Distributor Information:		
	Purchase Location Information:		

Animal Information:	Name:	B6
	Type Of Species:	Dog
	Type Of Breed:	Boxer (German Boxer)
	Gender:	Male
	Reproductive Status:	Neutered
	Weight:	23.3 Kilogram
	Age:	B6 Years
	Assessment of Prior Health:	Good
	Number of Animals Given the Product:	2
	Number of Animals Reacted:	1
	Owner Information:	Owner Information provided: Yes
		Contact: Name: B6
	Phone:	
	Email:	
	Address: B6	

			B6 United States
Healthcare Professional Information:	Practice Name:	Tufts Cummings School of Veterinary Medicine	
	Contact:	Name:	Lisa Freeman
		Phone:	(508) 887-4523
		Email:	lisa.freeman@tufts.edu
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States	
Sender Information:	Name:	Lisa Freeman	
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States	
	Contact:	Phone:	5088874523
		Email:	lisa.freeman@tufts.edu
	Permission To Contact Sender:	Yes	
	Preferred Method Of Contact:	Email	
Reported to Other Parties:	None		
Additional Documents:	Attachment:	B6 Boxed B6	Results Form (005).pdf
	Description:	Genetic testing results	
	Type:	Laboratory Report	
	Attachment:	ECG 3-12-2019.pdf	
	Description:	ECG	
	Type:	Medical Records	

From: PFR Event <pfpreventcreation@fda.hhs.gov>
To: Cleary, Michael *; HQ Pet Food Report Notification; B6
Sent: 2/26/2019 12:21:16 AM
Subject: Wellness Complete Health Fish and Sweet Potato dry: Lisa Freeman - EON-380848
Attachments: 2063189-report.pdf; 2063189-attachments.zip

A PFR Report has been received and PFR Event [EON-380848] has been created in the EON System.

A "PDF" report by name "2063189-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2063189-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-380848

ICSR #: 2063189

EON Title: PFR Event created for Wellness Complete Health Fish and Sweet Potato dry; 2063189

AE Date	02/22/2019	Number Fed/Exposed	2
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Stable
Breed	Boxer (German Boxer)		
Age	B6 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2063189

Product Group: Pet Food

Product Name: Wellness Complete Health Fish and Sweet Potato dry

Description: Arrhythmia dx at RDVM July 2018 (had been "wheezing") Started wheezing again 1 week before admission. Diagnosed with DCM, CHF, and ventricular tachycardia 2/22/19 Was fed Wellness diet until 6/2018 then changed to Royal Canin Boxer (current diet). Taurine and troponin pending. Owner has another Boxer eating same diets - has not been screened Enrolled in DCM study. Changing to different diet (although Boxer diet is probably fine) and will recheck in 7 days and 3 months.

Submission Type: Initial

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Stable

Number of Animals Treated With Product: 2

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Wellness Complete Health Fish and Sweet Potato dry		

Sender information

Lisa Freeman
200 Westboro Rd
North Grafton, MA 01536
USA

Owner information

B6

To view this PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-380848>

To view the PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspa?decorator=none&e=0&issueType=12&issueId=397857>

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Report Details - EON-380848

ICSR: 2063189
 Type Of Submission: Initial
 Report Version: FPSR.FDA.PETF.V.V1
 Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
 Reporting Type: Voluntary
 Report Submission Date: 2019-02-25 19:07:14 EST

Reported Problem:
Problem Description: Arrhythmia dx at RDVM July 2018 (had been "wheezing") Started wheezing again 1 week before admission. Diagnosed with DCM, CHF, and ventricular tachycardia 2/22/19 Was fed Wellness diet until 6/2018 then changed to Royal Canin Boxer (current diet). Taurine and troponin pending. Owner has another Boxer eating same diets - has not been screened Enrolled in DCM study. Changing to different diet (although Boxer diet is probably fine) and will recheck in 7 days and 3 months.
Date Problem Started: 02/22/2019
Concurrent Medical Problem: No
Outcome to Date: Stable

Product Information:
Product Name: Wellness Complete Health Fish and Sweet Potato dry
Product Type: Pet Food
Lot Number:
Product Use Information: **Description:** Fed this diet 2012 - June, 2018 Currently, fed Royal Canin Boxer See diet history
Manufacturer /Distributor Information:
Purchase Location Information:

Animal Information:
Name: B6
Type Of Species: Dog
Type Of Breed: Boxer (German Boxer)
Gender: Male
Reproductive Status: Neutered
Weight: 23.3 Kilogram
Age: B6 Years
Number of Animals Given the Product: 2
Number of Animals Reacted: 1
Owner Information:
Owner Information provided: Yes
Contact: **Name:** B6
Phone: B6
Email: B6
Address: B6
 United States
Healthcare Professional Information:
Practice Name: Tufts Cummings School of Veterinary Medicine
Contact: **Name:** Lisa Freeman
Phone: (508) 887-4523
Email: lisa.freeman@tufts.edu
Address:

200 Westboro Rd
North Grafton
Massachusetts
01536
United States

Sender Information:

Name:	Lisa Freeman
Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
Contact:	Phone: 5088874523 Email: lisa.freeman@tufts.edu
Permission To Contact Sender:	Yes
Preferred Method Of Contact:	Email

Additional Documents:

Attachment:	rpt_medical_record_preview_small.pdf
Description:	Med records
Type:	Medical Records

Radiology Request & Report

Patient

Name: B6
Species: Canine
Chocolate Female (Spayed) Lab

Owner

Name: B6
Address: B6
B6

Patient ID: B6
Date of request: B6

Birthdate: B6

Attending Clinician: B6

Student:

Date of exam:

Patient Location: Ward/Cage:

Weight (lbs) 0.00

- Inpatient
- Outpatient Time:
- Waiting
- Emergency

Sedation

- BAG
- OBAG
- 1/2 dose OBAG
- DexDomitor/Butorphanol
- Anesthesia to sedate/anesthetize

Examination Desired: Met check

Presenting Complaint and Clinical Questions you wish to answer:

Emergency - cause of cough

Pertinent History: Two week history of coughing that acutely became worse 2 days ago. History of larynx diagnosed a couple years ago.

Findings:

THORAX, THREE VIEWS:

The cardiac silhouette is moderately, generally enlarged, characterized by increased width and height on lateral and VD views, and dorsal displacement of the carina. There is a patchy interstitial pattern in the caudodorsal lungs, as evidenced by increased parenchymal opacity with blurring to loss of vessel and bronchial margins. In the left caudal lung lobe, this pattern trends toward alveolar. Where visible, the pulmonary arteries and veins are of equal size. Thin pleural fissure lines are noted. There is focal narrowing of the trachea at the level of the thoracic inlet on both lateral projections, worse on the right lateral. There is a broad-based fat opaque structure associated with the right side of the sternum, consistent with an incidental lipoma; this is superimposed with the right fifth through seventh intercostal spaces on the DV. There is bilateral moderate elbow and mild shoulder degenerative joint disease, and

multifocal ventral spondylosis deformans.

Conclusions:

- Caudodorsal patchy interstitial pattern may reflect noncardiogenic pulmonary edema, in light of history of laryngeal paralysis; however given concurrent cardiomegaly and possible scant pleural effusion, the possibility of cardiogenic edema from decompensated heart failure is also considered. Echocardiography should be considered. Follow-up radiographs are recommended.
- Tracheal narrowing at thoracic inlet may be consistent with dynamic airway disease. Fluoroscopy or tracheoscopy could be considered for further evaluation.
- Moderate bilateral elbow, and mild bilateral shoulder, degenerative joint disease.

Radiologists

Primary:

Reviewing:

Dates

Reported:

Finalized:

Radiology Request & Report

Patient

Name: B6

Species: Canine

Chocolate Female (Spayed) Lab

Birthdate: B6

Owner

Name: B6

Address: B6

B6

Patient ID: B6

Date of request: B6

Attending Clinician: B6

Student:

Date of exam:

Patient Location: Ward/Cage:

Weight (kg) 29.90

- Inpatient
- Outpatient Time:
- Waiting
- Emergency

Sedation

- BAG
- OBAG
- 1/2 dose OBAG
- DexDomitor/Butorphanol
- Anesthesia to sedate/anesthetize

Examination Desired:

Presenting Complaint and Clinical Questions you wish to answer:

Emergency

Pertinent History: recheck CXR from overnight, pt has hx lar par, has been on IVF o/n

Findings:

THORAX, THREE VIEWS, COMPARED TO PREVIOUS OF SAME DATE:

The previously described moderate, generalized cardiomegaly is again seen. The patchy interstitial to alveolar pattern in the caudodorsal lung lobes has progressed, becoming more alveolar, and also extending farther cranially to affect the perihilar region and ventrally towards the caudal vena cava. The cranial pulmonary vein appears mildly distended on the left lateral view. Thin pleural fissure lines are again identified. The remaining findings are unchanged.

Conclusions:

- Progressive pulmonary infiltrates and unchanged cardiomegaly may again be compatible with decompensated congestive heart failure. Progressive noncardiogenic edema cannot be ruled out if the patient is experiencing ongoing upper airway obstruction, however echocardiography is strongly

recommended prior to continuing IV fluid therapy and prednisone. Follow-up radiographs are recommended.

- Persistent dynamic tracheal narrowing at thoracic inlet may again be consisted with dynamic airway disease.
- Unchanged moderate bilateral elbow, and mild bilateral shoulder, degenerative joint disease.

Radiologists

Primary: B6

Reviewing:

Dates

Reported: B6

Finalized:

Radiology Request & Report

Patient

Name: B6

Species: Canine

Chocolate Female (Spayed) Lab

Birthdate: B6

Owner

Name: B6

Address: B6

B6

Patient ID: B6

Date of request: 3/8/2019

Attending Clinician: B6

Student: B6

Date of exam: B6

Patient Location: Ward/Cage: ICU

Weight (kg) 29.20

- Inpatient
- Outpatient Time:
- Waiting
- Emergency

Sedation

- BAG
- OBAG
- 1/2 dose OBAG
- DexDomitor/Butorphanol
- Anesthesia to sedate/anesthetize

Examination Desired: 2 view thorax

Presenting Complaint and Clinical Questions you wish to answer:

Reassess pulmonary edema, assess for causes of chronic progressive cough

Pertinent History:

B6 for inc resp rate/effort and worsening productive cough. Initially treated by rDVM for pneumonia and non-cardiogenic edema secondary to upper airway obstruction (lar par). CRX showed diffuse interstitial pattern and cardiomegaly. On echo found changes consistent with DCM, DMVD, and CHF. Initiated treatment for CHF with B6. Has improved clinically overnight; dyspnea improved, cough improved, less frequent and non-productive.

Findings:

THORAX, TWO VIEWS: in comparison to previous exam dated B6

The previously described moderate, generalized cardiomegaly is again seen. The patchy interstitial to alveolar pattern is moderately improved, with a persistent peri-hilar distribution but less extension into more peripheral areas of the pulmonary parenchyma. The caudal pulmonary vessels remain partially obscured, however the cranial lobar vessels are normal. Pleural fissure lines are no longer identified. The remaining findings are unchanged. There is again a broad-based fat opaque structure associated with

the right side of the sternum, consistent with an incidental lipoma. There is unchanged bilateral moderate elbow and mild shoulder degenerative joint disease, and multifocal ventral spondylosis deformans.

Conclusions:

- Improving pulmonary edema consistent with positive response to therapy for congestive heart failure. Unchanged cardiomegaly is consistent with echocardiographic findings.
- Unchanged moderate bilateral elbow, and mild bilateral shoulder, degenerative joint disease.

Radiologists

Primary:

Reviewing:

Dates

Reported:

Finalized:

Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY
Cardiology Liaison: 508-887-4696

B6

Patient ID: B6

B6 Canine

B6 Female (Spayed) Lab

Chocolate BW: Weight (kg) 29.90

Cardiology Inpatient

Date: B6

Weight: Weight (kg) 29.90

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Thoracic radiographs available for review?

- Yes - in SS
- Yes - in PACS
- No

Patient location:

(was in A ward → moving to ICU)

Presenting complaint and important concurrent diseases:

recent cough; rDVM diagnosed suspected lar par several months ago, no treatment. Presented for coughing, occasionally productive with fluid per owner. HM detected in ER, unclear if noted prior. CXR in PACS, suspicious for CHF, a repeat series shows progressive infiltrates.

On PE this morning B6 is tachypneic, tachycardic, has soft crackles, B6 on room air.

Current medications and doses:

B6

At-home diet:

lams dry (pending confirmation of specifics from owner) BID

Key indication for consultation:

murmur, cardiomegaly, progressive pulmonary infiltrates on IVF

Questions to be answered:

do echocardiogram findings support CHF?

What medications are indicated?

Is your consult time-sensitive? (e.g., anesthesia today, owner waiting, trying to get biopsy today)

- Yes (explain): high level of concern from radiology service after reviewing radiographs, and patient was placed on IVF overnight
- No

STOP - remainder of form to be filled out by Cardiology

Physical Examination

B6

Muscle condition:

- Normal
- Mild muscle loss
- Moderate cachexia
- Marked cachexia

Cardiovascular Physical Exam

Murmur Grade: Very hard to listen to the heart due to the constant panting and loud pulmonary crackles, but we suspect this patient should have a heart murmur. One was heard previously.

- None
- I/VI
- II/VI
- III/VI
- IV/VI
- V/VI
- VI/VI

Murmur location/description:

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck
- Top 2/3 of the neck
- 1/2 way up the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong
- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other (describe):

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats rare VPCs seen on ECG
- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent
- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Pulmonary Crackles
- Wheezes

- Marked dyspnea
- Normal BV sounds

- Upper airway stridor
- Other auscultatory findings:

Abdominal exam:

- Normal
- Hepatomegaly

- Abdominal distension
- Mild ascites

Echocardiogram Findings:

General/2-D findings:

B6

Doppler findings:

B6

Mitral inflow:

- Summated
- Normal
- Delayed relaxation

- Pseudonormal
- Restrictive

Radiographic findings:

B6

Assessment and recommendations:

Echocardiogram reveals systolic dysfunction with moderate LA enlargement and active CHF. The patient has a fair amount of mitral regurgitation, more than what is typically seen in dogs with isolated DCM. It is then hard to decide if the changes visualized are consistent with DCM vs. advanced MMVD in a large breed dog. However, at this point, the differentiation does not have major importance since treatment will be the same. The patient was severely dyspneic this morning and coughing up pulmonary edema.

before performing the echocardiogram which could have artificially reduced the size of the LA. An NT-proBNP would be interesting. Recommend continuing with

Kidney values should be assessed today and then reassess daily while in the hospital. Once the patient is eating an ACEI should be started as well. The patient is on a reasonable diet right now and there is no need to supplement with Taurine. Recheck bloodwork 10-14 days after the start of the cardiac medications. Recheck echocardiogram is recommended in 3 months or sooner if the patient develops clinical signs consistent with worsening heart disease such as increased RR/RE, cough,

exercise intolerance, or syncope.

Final Diagnosis:

- Systolic dysfunction with moderate LA enlargement, mitral valve thickening, and active CHF with pulmonary edema r/o DCM vs. MMVD in a large breed dog.

The dog also has prior concerns about laryngeal dysfunction and arthrosis and urinary incontinence. PPA may increase blood pressure and possibly contribute to arrhythmias, so the pros and cons of trying estrogen instead could be considered.

Heart Failure Classification Score:

ISACHC Classification:

- Ia
- Ib
- II
- IIIa
- IIIb

ACVIM CHF Classification:

- A
- B1
- B2
- C
- D

M-Mode

IVSd

LVIDd

LVPWd

IVSs

LVIDs

LVPWs

EDV(Teich)

ESV(Teich)

EF(Teich)

%FS

SV(Teich)

Ao Diam

LA Diam

LA/Ao

EPSS



cm
 cm
 cm
 cm
 cm
 cm
 ml
 ml
 %
 %
 ml
 cm
 cm
 cm

M-Mode Normalized

IVSdN

LVIDdN

LVPWdN

IVSsN

LVIDsN

LVPWsN

Ao Diam N

LA Diam N

(0.290 - 0.520)
 (1.350 - 1.730) !
 (0.330 - 0.530)
 (0.430 - 0.710)
 (0.790 - 1.140) !
 (0.530 - 0.780) !
 (0.680 - 0.890)
 (0.640 - 0.900) !

2D

SA LA
Ao Diam
SA LA / Ao Diam
IVSd
LVIDd
LVPWd
EDV(Teich)
IVSs
LVIDs
LVPWs
ESV(Teich)
EF(Teich)
%FS
SV(Teich)
LV Major
LV Minor
Sphericity Index
LVld A4C
LVEDV MOD A4C
LVls A4C
LVESV MOD A4C
LVEF MOD A4C
SV MOD A4C

Doppler

MR Vmax
MR maxPG
MV E Vel
MV DecT
MV Dec Slope
MV A Vel
MV E/A Ratio
E'
E/E'
A'
S'
PV Vmax
PV maxPG



cm
cm

cm
cm
cm
ml
cm
cm
cm
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ml
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ml

m/s
mmHg
m/s
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Discharge Instructions

Patient

Name: B6
Species: Canine
Chocolate Female (Spayed) Lab
Birthdate: B6

Owner

Name: B6
Address: B6

Patient ID: B6

Attending Cardiologist:

John E. Rush, DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6

Admit Date: B6 2:14:17 AM

Discharge Date: B6

Diagnoses:

1. Dilated Cardiomyopathy with congestive heart failure
2. Degenerative Mitral Valve Disease

Case Summary:

Thank you for bringing B6 to Tufts for evaluation of her increased respiratory rate and worsening cough. She has a prior history of laryngeal paralysis, and over the past few weeks has developed a cough. She was seen by your primary veterinarian earlier this week, who took chest x-rays and was concerned about possible pneumonia or fluid in the lungs associated with her laryngeal paralysis. B6 after her cough increased in severity and became increasingly productive, and she became inappetent.

On presentation, B6 was quiet but alert, with an increased respiratory rate and effort. Soft crackles were heard in her lungs and a heart murmur was appreciated. Point of care bloodwork was unremarkable. Chest x-rays showed mild heart enlargement and the presence of fluid in the lungs. An echocardiogram revealed decreased systolic (pumping) function of the heart, dilated heart chambers, and thickening of the mitral valve. There was also a leak at the mitral valve, causing backwards flow of blood. These changes are consistent with a disease called Dilated Cardiomyopathy, which is more common in large breed dogs and causes thinning and dilation of the heart muscle, reducing the ability of the heart to pump blood effectively. Degenerative Mitral Valve Disease occurs when thickening of the mitral valve, which occurs with age, prevents the mitral valve from closing appropriately. This then leads to backwards flow of blood in the heart, which can contribute to dilation of the heart chambers.

B6 was hospitalized with oxygen supplementation to help keep her comfortable. Treatment was initiated with

B6

B6 Recheck chest x-rays showed reduction of the fluid accumulation in her lungs, and she was breathing much more comfortably. Recheck bloodwork was also performed, to make sure her kidneys were handling the increased workload okay, and was unremarkable.

As of right now, we are happy with B6 improvement while in the hospital and are happy to send her home! Please follow the patient's care instruction below.

Monitoring at Home:

We would like you to monitor B6 breathing rate and effort at home, ideally during sleep or at a time of rest. The doses of drugs will be adjusted based on the breathing rate and effort. In general, most dogs with heart failure that is well controlled have a breathing rate at rest of less than 35 to 40 breaths per minute. I

In addition, the breathing effort, noted by the amount of belly wall motion used for each breath, is fairly minimal if heart failure is controlled. An increase in breathing rate or effort will usually mean that you should give an extra dose of B6. If difficulty breathing is not improved within 30-60 minutes after giving extra B6 then we recommend that a recheck exam be scheduled and/or that B6 be evaluated by an B6. There are instructions for monitoring breathing, and a form to help keep track of breathing rate and drug doses, on the Tufts HeartSmart web site (<http://vet.tufts.edu/heartsmart/at-home-monitoring/>). We also want you to watch for weakness or collapse, a reduction in appetite, worsening cough, or distention of the belly as these findings indicate that we should do a recheck examination.

Diet Suggestions:

Dogs with heart failure accumulate more fluid in their body if they eat large amounts of sodium (salt). Sodium can be found in all foods, but some foods are lower in sodium than others. Many pet treats, people foods, and supplements used to give pills often have more sodium than is desirable - a sheet that has suggestions for low sodium treats can be found on the HeartSmart web site (<http://vet.tufts.edu/heartsmart/diet/>)

Your dog's usual diet may also have more sodium than recommended - we want her to continue to eat her normal diet for the first 7 to 14 days so we can make sure he is tolerating medications well, but after that time we would recommend slowly introducing one of the lower sodium diets on the HeartSmart list (25% of the new diet and 75% old diet for 2-3 days, then 50:50, etc.). Hopefully you can find a diet on the list that your dog likes to eat. Alternatively, if you are attached to the current diet you can research the amount of sodium in the diet to ensure that the sodium content is similar to those on the list.

- The FDA is currently investigating an apparent association between diet and a type of heart disease called dilated cardiomyopathy. The exact cause is still unclear, but it appears to be associated with boutique diets and those containing exotic ingredient or are grain-free. Therefore, we are currently recommending that dogs do not eat these types of diets.
- We recommend switching B6 to commercial diet made by a well-established company that is not grain-free and does not contain any exotic ingredients, such as kangaroo, duck, lamb, venison, lentils, peas, beans, buffalo, tapioca, barley, and chickpeas.
- The FDA issued a statement regarding this issue (<https://www.fda.gov/AnimalVeterinary/NewsEvents/CVMUpdates/ucm613305.htm>) and a recent article published by Dr. Lisa Freeman on the Cummings School's Petfoodology blog can further explain these findings (<http://ve.nutrition.tufts.edu/2018/06/a-broken-heart-risk-of-heart-disease-in-boutique-or-grain-free-diets-and-exotic-ingredients/>).
- Our nutritionists have compiled a list of dog foods that are good options for dogs with heart disease.

Dry Food Options:

Royal Canin Early Cardiac (veterinary diet)

Royal Canin Boxer

Purina Pro Plan Adult Weight Management

Purina Pro Plan Bright Mind Adult Small Breed Formula

Canned Food Options:

Hill's Science Diet Adult Beef and Barley Entree

Hill's Science Diet Adult 1-6 Healthy Cuisine Roasted Chicken, Carrot, and Spinach Stew
Royal Canin Mature 8+

If your dog has special nutritional needs or requires a homecooked diet, we recommend you schedule an appointment with our nutritionists (508-887-4696).

Exercise Recommendations:

For the first 7 to 10 days after starting medications for heart failure we recommend very limited activity. Leash walk only is ideal, and short walks to start. Once heart failure is better controlled then slightly longer walks are acceptable. If Kendra is lagging behind or needs to stop then this was too long a walk and shorter walks are advised. High energy activities (repetitive ball chasing, running fast off a leash) are generally not advised at this stage of heart failure.

Recommended Medications:

B6

Recheck Visits:

A recheck with the cardiology department is recommended in 10-14 days to reassess her bloodwork.

A full recheck echocardiogram is recommended in 3 months.

Thank you for entrusting us with B6 care. Please contact our Cardiology liaison at (508)-887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

Sincerely,

B6

Please visit our HeartSmart website for more information
<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past

year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance (508-887-4629) to ensure the food is in stock. Alternatively, veterinary diets can be ordered from online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvm/clinical-studies

Case: B6

Owner: B6

Discharge Instructions

Discharge Instructions

Patient

Name: B6
Species: Canine
Chocolate Female (Spayed) Labrador
Retriever
Birthdate: B6

Owner

Name: B6
Address: B6

Patient ID: B6

Attending Cardiologist:

John E. Rush, DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student:

Admit Date: 3/22/2019 12:02:54 PM

Discharge Date: 3/22/2019

Diagnoses:

1) Dilated cardiomyopathy with a history of active heart failure

B6

Clinical Findings:

B6

Monitoring at Home:

We would like you to monitor B6 breathing rate and effort at home, ideally during sleep or at a time of rest. The doses of drugs will be adjusted based on the breathing rate and effort. In general, most dogs with heart failure that is well controlled have a breathing rate at rest of less than 35 to 40 breaths per minute. |

In addition, the breathing effort, noted by the amount of belly wall motion used for each breath, is fairly minimal if heart failure is controlled. An increase in breathing rate or effort will usually mean that you should give an extra dose of [B6]. If difficulty breathing is not improved within 30-60 minutes after giving extra [B6] then we recommend that a recheck exam be scheduled and/or that [B6] be evaluated by an emergency clinic. There are instructions for monitoring breathing, and a form to help keep track of breathing rate and drug doses, on the Tufts HeartSmart web site (<http://vet.tufts.edu/heartsmart/at-home-monitoring/>). We also want you to watch for weakness or collapse, a reduction in appetite, worsening cough, or distention of the belly as these findings indicate that we should do a recheck examination.

Diet Suggestions:

Dogs with heart failure accumulate more fluid in their body if they eat large amounts of sodium (salt). Sodium can be found in all foods, but some foods are lower in sodium than others. Many pet treats, people foods, and supplements used to give pills often have more sodium than is desirable - a sheet that has suggestions for low sodium treats can be found on the HeartSmart web site (<http://vet.tufts.edu/heartsmart/diet/>)

As we discussed, we would recommend holding on the sardines since they are high in salt.

Exercise Recommendations:

Exercise as normal as long as [B6] doesn't push herself too hard.

Recommended Medications:

B6

Recheck Visits: A recheck visit is scheduled for [B6] with [B6] as part of the DQM study.

At this visit we will want to check breathing effort and heart function, do a blood test, and a rechecked echocardiogram.

Thank you for entrusting us with [B6] care. Please contact our Cardiology liaison at (508)-887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

To schedule an appointment with our internal medicine service please contact [B6] the internal medicine liaison at:

[B6]

Sincerely,

[B6]

Please visit our HeartSmart website for more information

<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimers:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance (508-887-4629) to ensure the food is in stock. Alternatively, veterinary diets can be ordered from online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmr/clinical-studies

Case: B6

Owner: B6

Discharge Instructions

Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY

Cardiology Liaison: 508-887-4696

B6

Patient ID: B6

B6 Canine

B6 Female (Spayed) Labrador

Retriever

Chocolate

Cardiology Appointment Report

Date: 3/22/2019

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6

Presenting Complaint:

A few times she dribbling urine, very concerned about medications. She wants this to be a primary.

Concurrent Diseases:

B6

DCM

CHF

B6

General Medical History:

Up to date on all vaccines and preventatives. Patient is running around with good energy and seems to be back to her normal self. There was a few instances where B6 seemed to lose balance, or have a hard time getting up. She has a great appetite and always eats all her food.

Diet and Supplements:

Royal Canin early cardiac, used to be on Iams. She gets some milk bones, some bully sticks (a couple a week) She gets sweet potato once a week and she divides it with other dogs with sardines canned in water with no salt. She allows B6 to lick dishes after dinner. Occasional eggs, very occasional rawhides but not too often.

Cardiovascular History:

Prior CHF diagnosis? yes

Prior heart murmur? *yes*

Prior ATE? *no*

Prior arrhythmia?

Monitoring respiratory rate and effort at home? *yes*

Cough? *maybe, she says fluid buildup*

Shortness of breath or difficulty breathing? *2 times a day*

Syncope or collapse? *Slightly weak getting up or when standing*

Sudden onset lameness? *no*

Exercise intolerance? *back to normal with exercise.*

Current Medications Pertinent to CV System:

B6

B6

Cardiac Physical Examination:

B6

Muscle condition:

- Normal
- Mild muscle loss

- Moderate cachexia
- Marked cachexia

Cardiovascular Physical Exam:

Murmur Grade:

- None
- I/VI
- II/VI
- III/VI
- IV/VI
- V/VI
- VI/VI

Murmur location/description: heart sounds muffled, murmur loud both sides, apex

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck
- 1/2 way up the neck
- Top 2/3 of the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong
- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other:

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats
- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent
- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds
- Pulmonary crackles
- Wheezes
- Upper airway stridor

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension
- Mild ascites
- Marked ascites

Problems:

- 1) DCM with history of CHF
- 2) Urinary incontinence off Proin
- 3) Cough/gurgling noise.

Differential Diagnoses:

- 3) CHF vs. primary lung disease vs. neoplasia vs. pneumonia vs. lar par

Diagnostic plan:

- Echocardiogram
- Chemistry profile
- ECG
- Renal profile
- Blood pressure
- Dialysis profile
- Thoracic radiographs
- NT-proBNP
- Troponin I
- Other tests:

Assessment and recommendations:

B6

Final Diagnosis:

- DCM with history of active CHF r/o diet related vs. primary cardiomyopathy

Heart Failure Classification Score:

ISACHC Classification:

- | | |
|--|-------------------------------|
| <input type="checkbox"/> Ia | <input type="checkbox"/> IIIa |
| <input type="checkbox"/> Ib | <input type="checkbox"/> IIIb |
| <input checked="" type="checkbox"/> II | |

ACVIM Classification:

- | | |
|-----------------------------|---------------------------------------|
| <input type="checkbox"/> A | <input checked="" type="checkbox"/> C |
| <input type="checkbox"/> B1 | <input type="checkbox"/> D |
| <input type="checkbox"/> B2 | |

Report Details - EON-383307

ICSR: 2064533
 Type Of Submission: Initial
 Report Version: FPSR.FDA.PETF.V.V1
 Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
 Reporting Type: Voluntary
 Report Submission Date: 2019-03-25 15:41:39 EDT

Reported Problem:

Problem Description: Presented to Tufts for further evaluation of her increased respiration rate and worsening cough. Patient was diagnosed with pulmonary edema secondary to DCM and DMVD. Patient's diet consisted of Iams Senior (most recent x 1 year) and previously alternated between Iams Chunks and mature adult large breed, 5+ years

Date Problem Started: 03/04/2019

Concurrent Medical Problem: Yes

Pre Existing Conditions:

B6

Outcome to Date: Stable

Product Information:

Product Name: Iams Proactive Health - Chicken Senior Plus Dry Dog Food

Product Type: Pet Food

Lot Number:

Package Type: BAG

Possess Unopened Product: No

Possess Opened Product: No

Product Use Information:

Description: Diet was fed twice daily over the last 12 months

Time Interval between Product Use and Adverse Event: 12 Months

Product Use Stopped After the Onset of the Adverse Event: Yes

Adverse Event Abate After Product Stop: Unknown

Product Use Started Again: No

Perceived Relatedness to Adverse Event: Possibly related

Other Foods or Products Given to the Animal During This Time Period: Yes

Manufacturer /Distributor Information:

Purchase Location Information:

Animal Information:

Name:

Type Of Species: Dog

	Type Of Breed: Retriever - Labrador
	Gender: Female
	Reproductive Status: Neutered
	Weight: 29.7 Kilogram
	Age: B6 Years
	Assessment of Prior Health: Good
	Number of Animals Given the Product: 1
	Number of Animals Reacted: 1
	Owner Information: Owner Information provided: Yes
	Contact: Name: B6
	Phone: B6
	Email: B6
	Address: B6 United States
	Healthcare Professional Information: Practice Name: Tufts Cummings School of Veterinary Medicine
	Contact: Name: Lisa Freeman
	Phone: (508) 887-4523
	Email: lisa.freeman@tufts.edu
	Address: 200 Westboro Road North Grafton Massachusetts 01536 United States
	Permission to Release Records to FDA: Yes
Sender Information:	Name: B6
	Address: B6 United States
	Contact: Phone: B6
	Email: B6
	Permission To Contact Sender: Yes
	Preferred Method Of Contact: Email
	Reported to Other Parties: None
Additional Documents:	Attachment: Medical record 1.pdf
	Description: Medical records
	Type: Medical Records
	Attachment: medical record 2.pdf
	Description: Medical records

Type: Medical Records

Attachment: Diet hx 3-22-19.pdf

Description: Diet History

Type: Medical Records

Attachment: Medical record 3.pdf

Description: Medical records

Type: Medical Records

Report Details - EON-367903

ICSR: 2055827
Type Of Submission: Initial
Report Version: FPSR.FDA.PETF.V.V1
Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type: Voluntary
Report Submission Date: 2018-10-09 10:05:22 EDT

Reported Problem:
Problem Description: Serial echoes were being done for SAS. Cardiologist noted reduced contractile function over time and that dog was eating BEG diet so recommended change. Owner changed from Orijen to Royal Canin Early Cardiac Diet. Significant improvement in cardiac size and function (and NT-proBNP) after diet change. Had taurine level checked in 2014 - was normal then. Was not retested.
Date Problem Started: 01/18/2018
Concurrent Medical Problem: Yes
Pre Existing Conditions: B6
Outcome to Date: Better/Improved/Recovering

Product Information:
Product Name: Orijen 6 fish dry
Product Type: Pet Food
Lot Number:
Package Type: BAG
Product Use Information:
Manufacturer /Distributor Information:
Purchase Location Information:

Animal Information:
Name: B6
Type Of Species: Dog
Type Of Breed: Mixed (Dog)
Gender: Female
Reproductive Status: Neutered
Weight: 33.7 Kilogram
Age: B6 Years
Assessment of Prior Health: Good
Number of Animals Given the Product: 1
Number of Animals Reacted: 1
Owner Information:
Owner Information provided: Yes
Contact:
Name: B6
Phone: B6
Email: B6
Address: B6
United States
Healthcare Professional Information:
Practice Name: Tufts Cummings School of Veterinary Medicine
Contact: Name: Lisa Freeman

		Phone: (508) 887-4523
		Email: lisa.freeman@tufts.edu
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
Sender Information:	Name:	Lisa Freeman
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
	Contact:	Phone: 5088874523 Email: lisa.freeman@tufts.edu
	Permission To Contact Sender:	Yes
	Preferred Method Of Contact:	Email
Additional Documents:	Attachment:	B6 ombined record small.pdf
	Description:	ombined records
	Type:	Medical Records

From: PFR Event <pfpreventcreation@fda.hhs.gov>
To: Cleary, Michael *; HQ Pet Food Report Notification; B6
Sent: 12/5/2018 12:00:38 AM
Subject: Earthborn Meadow Feast dry: Lisa Freeman - EON-372842
Attachments: 2059630-report.pdf; 2059630-attachments.zip

A PFR Report has been received and PFR Event [EON-372842] has been created in the EON System.

A "PDF" report by name "2059630-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2059630-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-372842

ICSR #: 2059630

EON Title: PFR Event created for Earthborn Meadow Feast dry; 2059630

AE Date	11/29/2018	Number Fed/Exposed	1
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Stable
Breed	Mixed (Dog)		
Age	8 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2059630

Product Group: Pet Food

Product Name: Earthborn Meadow Feast dry

Description: DCM and CHF (cough developed earlier but diagnosed 11/29/18) Eating BEG diet Taurine pending Owner changing diet and we will recheck Note: listed as B6 in medical record

Submission Type: Initial

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Stable

Number of Animals Treated With Product: 1

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Earthborn Meadow Feast dry		

Sender information

Lisa Freeman
200 Westboro Rd
North Grafton, MA 01536
USA

Owner information

B6

To view this PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-372842>

To view the PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspa?decorator=none&e=0&issueType=12&issueId=389811>

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Report Details - EON-372842

ICSR: 2059630
Type Of Submission: Initial
Report Version: FPSR.FDA.PETF.V.V1
Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type: Voluntary
Report Submission Date: 2018-12-04 18:53:33 EST

Reported Problem:
Problem Description: DCM and CHF (cough developed earlier but diagnosed 11/29/18) Eating BEG diet Taurine pending Owner changing diet and we will recheck Note: listed as B6 in medical record
Date Problem Started: 11/29/2018
Concurrent Medical Problem: Yes
Pre Existing Conditions: B6
Outcome to Date: Stable

Product Information:
Product Name: Earthborn Meadow Feast dry
Product Type: Pet Food
Lot Number:
Package Type: BAG
Product Use Information: **Description:** See diet history in medical record for more info I have bag of food if interested in sample
Manufacturer /Distributor Information:
Purchase Location Information:

Animal Information:
Name: B6
Type Of Species: Dog
Type Of Breed: Mixed (Dog)
Gender: Female
Reproductive Status: Neutered
Weight: 19.9 Kilogram
Age: 8 Years
Assessment of Prior Health: Excellent
Number of Animals Given the Product: 1
Number of Animals Reacted: 1
Owner Information: **Owner Information provided:** Yes
Contact: **Name:** B6
Phone: B6
Email: B6
Address: B6
Healthcare Professional Information: **Practice Name:** Tufts Cummings School of Veterinary Medicine
Contact: **Name:** Lisa Freeman
Phone: (508) 887-4523

		Email: lisa.freeman@tufts.edu
		Address: 200 Westboro Rd North Grafton Massachusetts 01536 United States
Sender Information:	Name:	Lisa Freeman
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
	Contact:	Phone: 5088874523 Email: lisa.freeman@tufts.edu
	Permission To Contact Sender:	Yes
	Preferred Method Of Contact:	Email
Additional Documents:	Attachment:	rpt_medical_record_preview.pdf
	Description:	Medical records
	Type:	Medical Records

From: PFR Event <pfpreventcreation@fda.hhs.gov>
To: Cleary, Michael *; HQ Pet Food Report Notification; [B6]
Sent: 11/11/2018 11:36:43 PM
Subject: Earthborn grain-free lamb dry: Lisa Freeman - EON-370815
Attachments: 2058708-report.pdf; 2058708-attachments.zip

A PFR Report has been received and PFR Event [EON-370815] has been created in the EON System.

A "PDF" report by name "2058708-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2058708-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-370815

ICSR #: 2058708

EON Title: PFR Event created for Earthborn grain-free lamb dry; 2058708

AE Date	10/22/2018	Number Fed/Exposed	5
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Died Euthanized
Breed	Other Canine/dog		
Age	11 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2058708

Product Group: Pet Food

Product Name: Earthborn grain-free lamb dry

Description: Pomeranian with DCM eating BEG diet. Echo in May showed only mild degenerative mitral valve disease. Echo on 10/22/18 showed DCM. Treated for heart failure. Was discharged [B6] Euthanized [B6] for continued dyspnea (continued dyspnea appeared to be respiratory, rather than cardiac). Have not gotten permission from owners to contact them. Taurine pending While this dog had multiple other diseases, we have concern about the DCM which may be diet-induced. Unclear if any of the other dogs eating this diet are affected

Submission Type: Initial

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Died Euthanized

Number of Animals Treated With Product: 5

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Earthborn grain-free lamb dry		

Sender information

Lisa Freeman
200 Westboro Rd
North Grafton, MA 01536
USA

Owner information

B6

To view this PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-370815>

To view the PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspx?decorator=none&e=0&issueType=12&issueId=387784>

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Failure to adhere to the above provisions could result in removal from the approved distribution list. If you think

you received this email in error, please send an email to FDAREportableFoods@fda.hhs.gov immediately.

Report Details - EON-370815

ICSR: 2058708
 Type Of Submission: Initial
 Report Version: FPSR.FDA.PETF.V.V1
 Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
 Reporting Type: Voluntary
 Report Submission Date: 2018-11-11 18:31:08 EST

Reported Problem:

Problem Description: Pomeranian with DCM eating BEG diet. Echo in May showed only mild degenerative mitral valve disease. Echo on 10/22/18 showed DCM. Treated for heart failure. Was discharged [B6] Euthanized [B6] for continued dyspnea (continued dyspnea appeared to be respiratory, rather than cardiac). Have not gotten permission from owners to contact them. Taurine pending While this dog had multiple other diseases, we have concern about the DCM which may be diet-induced. Unclear if any of the other dogs eating this diet are affected

Date Problem Started: 10/22/2018

Concurrent Medical Problem: Yes

Pre Existing Conditions: 1. Chronic respiratory disease/collapsing trachea 2. Luxating patellas 3. Diabetes 4. Mild degenerative mitral valve disease 5. New onset DCM

Outcome to Date: Died Euthanized

Date of Death: [B6]

Product Information:

Product Name: Earthborn grain-free lamb dry

Product Type: Pet Food

Lot Number:

Package Type: BAG

Product Use Information: **Description:** 1/2 cup twice daily since 2013. Also got Bil Jac treats (beef) 3-4/day since 2014

Manufacturer /Distributor Information:

Purchase Location Information:

Animal Information:

Name: [B6]

Type Of Species: Dog

Type Of Breed: Other Canine/dog

Gender: Male

Reproductive Status: Neutered

Weight: 4 Kilogram

Age: 11 Years

Assessment of Prior Health: Poor

Number of Animals Given the Product: 5

Number of Animals Reacted: 1

Owner Information:

Owner Information provided: Yes

Contact: **Name:** [B6] **Phone:** [B6]

Address: [B6] United States

	Healthcare Professional Information:	Practice Name: Tufts Cummings School of Veterinary Medicine					
		<table border="1"> <tr> <td>Contact:</td> <td>Name: Lisa Freeman</td> </tr> <tr> <td></td> <td>Phone: (508) 887-4523</td> </tr> <tr> <td></td> <td>Email: lisa.freeman@tufts.edu</td> </tr> </table>	Contact:	Name: Lisa Freeman		Phone: (508) 887-4523	
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	Email: lisa.freeman@tufts.edu						
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Sender Information:	Name:	Lisa Freeman					
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States					
	Contact:	<table border="1"> <tr> <td>Phone:</td> <td>5088874523</td> </tr> <tr> <td>Email:</td> <td>lisa.freeman@tufts.edu</td> </tr> </table>	Phone:	5088874523	Email:	lisa.freeman@tufts.edu	
	Phone:	5088874523					
Email:	lisa.freeman@tufts.edu						
Permission To Contact Sender:	Yes						
	Preferred Method Of Contact:	Email					
Additional Documents:	Attachment:	compiled records B6 af					
	Description:	Records					
	Type:	Medical Records					

Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY

Cardiology Liaison: 508-887-4696

B6

Patient ID: B6

B6 Canine

B6 Years Old Male (Neutered) Great Dane
Black

Cardiology Appointment Report

Date: 9/10/2018

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6

Presenting Complaint: Recheck for DCM & atrial fibrillation diagnosed Feb 2018

Concurrent Diseases:

None

General Medical History:

Diagnosed DCM feb 2018

Doing well in general, good energy level, seems to have good tolerance for exercise. Eating well, drinking well. Some diarrhea in car on way over, other than that nothing.

Cough has diminished over time, but coughs approximately once or twice a day. Rarely gives an extra dose of B6 (maybe "once a month")

Diet and Supplements:

Rachel Ray Nutrish "Real Chicken & Veggies" flavor 3 cups BID
1/3cup + 1/2cup chicken broth +/- chicken a day

Salmon Oil

Cardiovascular History:

Prior CHF diagnosis? yes

Prior heart murmur? yes

Prior ATE? no

Prior arrhythmia? yes

Monitoring respiratory rate and effort at home? yes
Cough? yes
Shortness of breath or difficulty breathing?
Syncope or collapse? no
Sudden onset lameness? no
Exercise intolerance? mild

Current Medications Pertinent to CV System:

B6

Cardiac Physical Examination:

B6

Muscle condition:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Moderate cachexia |
| <input type="checkbox"/> Mild muscle loss | <input type="checkbox"/> Marked cachexia |

Cardiovascular Physical Exam:

Murmur Grade:

- | | |
|--|--------------------------------|
| <input type="checkbox"/> None | <input type="checkbox"/> IV/VI |
| <input type="checkbox"/> I/VI | <input type="checkbox"/> V/VI |
| <input type="checkbox"/> II/VI | <input type="checkbox"/> VI/VI |
| <input checked="" type="checkbox"/> III/VI | |

Murmur location/description: Holosystolic

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck

- 1/2 way up the neck
- Top 2/3 of the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong

- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other:

Arrhythmia:

- None
- Sinus arrhythmia
- Irregularly irregular

- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent

- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds

- Pulmonary crackles
- Wheezes
- Upper airway stridor

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension

- Mild ascites
- Marked ascites

Problems:

Prior diagnosis DCM, Atrial fibrillation

Diagnostic plan:

- Echocardiogram
- Chemistry profile
- ECG
- Renal profile
- Blood pressure

- Dialysis profile
- Thoracic radiographs
- NT-proBNP
- Troponin I
- Other tests:

Echocardiogram Findings:

B6

B6

Assessment and recommendations:

Echocardiogram reveals DCM with similar LA size and progression in LV cavity size (r/o disease progression v contribution from slower heart rate today compared to last exam). Ventricular arrhythmia appears well controlled, but atrial fibrillation ventricular response rate was rapid today. Recommend

B6

Final Diagnosis:

DCM, history of CHF

Atrial fibrillation with rapid ventricular response rate

Heart Failure Classification Score:

ISACHC Classification:

- | | |
|--|-------------------------------|
| <input type="checkbox"/> Ia | <input type="checkbox"/> IIIa |
| <input type="checkbox"/> Ib | <input type="checkbox"/> IIIb |
| <input checked="" type="checkbox"/> II | |

ACVIM Classification:

- | | |
|-----------------------------|---------------------------------------|
| <input type="checkbox"/> A | <input checked="" type="checkbox"/> C |
| <input type="checkbox"/> B1 | <input type="checkbox"/> D |
| <input type="checkbox"/> B2 | |

M-Mode

IVSd

LVIDd

LVPWd

IVSs

LVIDs

LVPWs

%FS

Ao Diam

LA Diam

LA/Ao

Max LA

M-Mode Normalized

IVSdN

LVIDdN

LVPWdN

IVSsN

LVIDsN

LVPWsN

Ao Diam N

B6

0M

0M

0M

0M

0M

0M

%

0M

0M

0M

0M

{0.29 - 0.52}

{1.35 - 1.73} !

{0.33 - 0.53} !

{0.43 - 0.71} !

{0.79 - 1.14} !

{0.53 - 0.78} !

{0.68 - 0.89}

LA Diam N

(0.64 - 0.90) !

2D

SA LA

cm

Ao Diam

cm

SA LA / Ao Diam

IVSd

cm

LVIDd

cm

LVPWd

cm

EDV(Teich)

ml

IVSs

cm

LVIDs

cm

LVPWs

cm

ESV(Teich)

ml

EF(Teich)

%

%FS

%

SV(Teich)

ml

LVID LAX

cm

LVAd LAX

cm

LVEDV A-L LAX

ml

LVEDV MOD LAX

ml

LVLs LAX

cm

LVA_s LAX

cm

LVESV A-L LAX

ml

LVESV MOD LAX

ml

HR

BPM

EF A-L LAX

%

LVEF MOD LAX

%

SV A-L LAX

ml

SV MOD LAX

ml

CO A-L LAX

l/min

CO MOD LAX

l/min

Doppler

MR Vmax

m/s

MR maxPG

mmHg

PV Vmax

m/s

PV maxPG

mmHg

AV Vmax

m/s

AV maxPG

mmHg

B6

Discharge Instructions

Patient

Name: B6

Species: Canine

Black Male (Neutered) Great Dane

Birthdate: B6

Owner

Name:

Address:

B6

Patient ID: B6

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Student: Celestia Vaidas V18

Cardiology Technician:

B6

Admit Date: B6 11:16:58 AM

Discharge Date: B6

Diagnoses:

Dilated cardiomyopathy (DCM) with congestive heart failure

Atrial fibrillation and ventricular arrhythmias

Case summary:

Thank you for bringing B6 to tufts for evaluation of his coughing and irregular heart rhythm. B6 has been diagnosed with a primary heart muscle disease called dilated cardiomyopathy (DCM). This disease is more common in large and giant breed dogs and is characterized by thinning of the walls of the heart, reduced cardiac pump function, and enlargement of the upper chambers of the heart. Many dogs with DCM will also have significant arrhythmias which can be life-threatening and also require medical management. The heart enlargement has now progressed to the point of congestive heart failure, meaning that fluid is backing up into the lungs and causing cough. Unfortunately this is a progressive disease and we cannot reverse the changes to the heart muscle, however we can use cardiac medications and some changes to the diet to make B6 comfortable and have him breathing easier.

Diagnostic test results and findings:

Chest radiograph (x-ray) findings: The heart was enlarged and there was fluid in the lungs.

Echocardiogram findings: All chambers of the heart are enlarged and the contractile function is reduced.

ECG findings: The ECG showed atrial fibrillation with rapid ventricular response rate. Additionally there were some ventricular arrhythmias (ventricular premature beats and ventricular tachycardia).

Labwork findings: The kidney values and urinalysis are within normal limits. He has slightly elevated bilirubin, and elevated AST but the rest of his liver values are normal and these values have decreased during his stay.

Monitoring at home:

B6

Recommended Medications:

B6

Diet suggestions:

Dogs with heart failure accumulate more fluid in their body if they eat large amounts of sodium (salt). Sodium can be found in all foods, but some foods are lower in sodium than others. Many pet treats, people foods, and supplements used to give pills often have more sodium than is desirable - a sheet that has suggestions for low sodium treats can be found on the HeartSmart web site (<http://vet.tufts.edu/heartsmart/diet/>)

Your dog's usual diet may also have more sodium than recommended - we want him to continue to eat his normal diet for the first 7 to 14 days so we can make sure he is tolerating medications well, but after that time we would recommend slowly introducing one of the lower sodium diets on the HeartSmart list (25% of the new diet and 75% old diet for 2-3 days, then 50:50, etc.). Hopefully you can find a diet on the list that your dog likes to eat. Alternatively, you can research the amount of sodium in the diet to ensure that the sodium content is similar to those on the list.

Exercise Recommendations:

For the first 7 to 10 days after starting medications for heart failure we recommend very limited activity. Leash walking only is ideal, and short walks to start. Once the heart failure is better controlled, then slightly longer walks are acceptable. However, if you find that [B6] is lagging behind or needs to stop on a walk then this was too long a walk and shorter walks are advised in the future. Repetitive or strenuous high energy activities (repetitive ball chasing, running fast off-leash, etc.) are generally not advised.

Recheck Visits:

A recheck visit is recommended in 1-2 weeks to check kidney values, electrolytes, and liver values. An ECG is also recommended at that time. This can be done with us or with your primary care veterinarian. If you have any concerns are how things are going then we would prefer for [B6] to come here for that recheck.

A recheck echocardiogram is recommended in 3-4 months, or sooner if you have any concerns. Please call or email to schedule this appointment.

Thank you for entrusting us with [B6] care. He is such a sweet boy. Please contact our Cardiology liaison, [B6] at (508) 887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

Please visit our HeartSmart website for more information

<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance (508-887-4629) to ensure the food is in stock. Alternatively, veterinary diets can be ordered from online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmc/clinical-studies

Case: [B6]

Owner: [B6]

Discharge Instructions

Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY

Cardiology Liaison: 508-887-4696

B6

Patient ID:

Canine

Years Old Male (Neutered) Great Dane
Black

Cardiology Appointment Report

Date: 9/10/2018

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

Cardiology Technician:

B6

Student:

Presenting Complaint: Recheck for DCM & atrial fibrillation diagnosed Feb 2018

Concurrent Diseases:

None

General Medical History:

Diagnosed DCM feb 2018

Doing well in general, good energy level, seems to have good tolerance for exercise. Eating well, drinking well. Some diarrhea in car on way over, other than that nothing.

Cough has diminished over time, but coughs approximately once or twice a day. Rarely gives an extra dose of maybe "once a month"

Diet and Supplements:

Rachel Ray Nutrish "Real Chicken & Veggies" flavor 3 cups BID
1/3cup + 1/2cup chicken broth +/- chicken a day

Salmon Oil

Cardiovascular History:

Prior CHF diagnosis? yes

Prior heart murmur? yes

Prior ATE? no

Prior arrhythmia? yes

Monitoring respiratory rate and effort at home? yes
Cough? yes
Shortness of breath or difficulty breathing?
Syncope or collapse? no
Sudden onset lameness? no
Exercise intolerance? mild

Current Medications Pertinent to CV System:

B6

Cardiac Physical Examination:

B6

Muscle condition:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Moderate cachexia |
| <input type="checkbox"/> Mild muscle loss | <input type="checkbox"/> Marked cachexia |

Cardiovascular Physical Exam:

Murmur Grade:

- | | |
|--|--------------------------------|
| <input type="checkbox"/> None | <input type="checkbox"/> IV/VI |
| <input type="checkbox"/> I/VI | <input type="checkbox"/> V/VI |
| <input type="checkbox"/> II/VI | <input type="checkbox"/> VI/VI |
| <input checked="" type="checkbox"/> III/VI | |

Murmur location/description: Holosystolic

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck

- 1/2 way up the neck
- Top 2/3 of the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong

- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other:

Arrhythmia:

- None
- Sinus arrhythmia
- Irregularly irregular

- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent

- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds

- Pulmonary crackles
- Wheezes
- Upper airway stridor

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension

- Mild ascites
- Marked ascites

Problems:

Prior diagnosis DCM, Atrial fibrillation

Diagnostic plan:

- Echocardiogram
- Chemistry profile
- ECG
- Renal profile
- Blood pressure

- Dialysis profile
- Thoracic radiographs
- NT-proBNP
- Troponin I
- Other tests:

Echocardiogram Findings:

B6

B6

Assessment and recommendations:

Echocardiogram reveals DCM with similar LA size and progression in LV cavity size (r/o disease progression v contribution from slower heart rate today compared to last exam). Ventricular arrhythmia appears well controlled, but atrial fibrillation ventricular response rate was rapid today. Recommend increasing B6 to 150mg PO BID if well tolerated. Owner to send Kardia ECG in 10 days. Chem 21 submitted today to assess kidney and liver function. Taurine submitted via B6. Recheck edio in 4-6 months, or sooner if clinical sign occur such as increased RR/RE, cough, collapse, or exercise intolerance.

Final Diagnosis:

DCM, history of CHF
Atrial fibrillation with rapid ventricular response rate

Heart Failure Classification Score:

ISACHC Classification:

- | | |
|--|-------------------------------|
| <input type="checkbox"/> Ia | <input type="checkbox"/> IIIa |
| <input type="checkbox"/> Ib | <input type="checkbox"/> IIIb |
| <input checked="" type="checkbox"/> II | |

ACVIM Classification:

- | | |
|-----------------------------|---------------------------------------|
| <input type="checkbox"/> A | <input checked="" type="checkbox"/> C |
| <input type="checkbox"/> B1 | <input type="checkbox"/> D |
| <input type="checkbox"/> B2 | |

M-Mode

IVSd

LVIDd

LVPWd

IVSs

LVIDs

LVPWs

%FS

Ao Diam

LA Diam

LA/Ao

Max LA

M-Mode Normalized

IVSdN

LVIDdN

LVPWdN

IVSsN

LVIDsN

LVPWsN

Ao Diam N

	0m
	0m
	0m
	0m
	0m
	0m
	%
	0m
	0m
	0m
B6	0m
	(0.29 - 0.52)
	(1.35 - 1.73) !
	(0.33 - 0.53) !
	(0.43 - 0.71) !
	(0.79 - 1.14) !
	(0.53 - 0.78) !
	(0.68 - 0.89)

LA Diam N

B6

(0.64 - 0.90) !

2D

SA LA

Ao Diam

SA LA / Ao Diam

IVSd

LVIDd

LVPWd

EDV(Teich)

IVSs

LVIDs

LVPWs

ESV(Teich)

EF(Teich)

%FS

SV(Teich)

LVID LAX

LVAd LAX

LVEDV A-L LAX

LVEDV MOD LAX

LVLs LAX

LVA_s LAX

LVESV A-L LAX

LVESV MOD LAX

HR

EF A-L LAX

LVEF MOD LAX

SV A-L LAX

SV MOD LAX

CO A-L LAX

CO MOD LAX

Doppler

MR Vmax

MR maxPG

PV Vmax

PV maxPG

AV Vmax

AV maxPG

cm

cm

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ml

l/min

l/min

m/s

mmHg

m/s

mmHg

m/s

mmHg

B6

Consumer Complaint Issue Screen - EON-358842

Complaint Number:	154120					
Complaint Date:	07/09/2018					
Receiving Organization:	NWE-DO					
Complaint Identification:	<table border="1"> <tr> <td>Name:</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">B6</td> </tr> <tr> <td>Address:</td> </tr> <tr> <td>Phone (H):</td> </tr> <tr> <td>Phone (W):</td> </tr> </table>	Name:	B6	Address:	Phone (H):	Phone (W):
Name:	B6					
Address:						
Phone (H):						
Phone (W):						
Complaint/Injury:	<p>Complaint Description: Products: (1) Taste of the Wild Prey Angus Beef Limited Ingredient Formula for Dogs (Grain-Free) and (2) Taste of the Wild Pacific Stream Canine Recipe with Smoked Salmon Dog Food (Grain-Free): A 2 y/o, female Great Dane, [B6] 145 lbs, not spayed, no diagnosed allergies, and no pre-diagnosed conditions, experienced red skin and itchiness throughout her body in mid 12/2017. The reaction subsided within a few days, but reoccurred a couple of weeks later in late 12/2017, and subsided in a few days. No healthcare was sought. In 05/2018, [B6] was taken to [B6] for pre-op tests to prepare for spaying, and test results, chest x-ray and electrocardiogram were negative for anomalies. On 07/05/2018, follow-up at [B6] disclosed low blood platelets and [B6] was diagnosed with Mitral Valve Dysplasia. [B6] was considered stable, so no medication was prescribed, and a follow-up electrocardiogram was recommended for 12/2018. On [B6] at 1:00 am, the Complainant heard the loud cough, monitored the dog and on [B6] brought [B6] to [B6] where [B6] administered a chest x-ray and tests confirmed Congestive Heart Failure and on the same day, [B6] was admitted to [B6] where [B6] was diagnosed with Cardiomyopathy due "to taurine deficiency from a grain-free diet". She was treated and released on [B6] with Rx [B6] and [B6] and is lethargic. She has a follow-up appointment in two weeks with [B6]. The Complainant (owner) believes that these two Taste of the Wild Grain-Free dog foods caused [B6] conditions. She has fed Taste of the Wild Pacific Stream Canine Recipe with Smoked Salmon Dog Food to [B6] since she was born and changed food to the Angus Beef flavor in 01/2018, due to what she believes was an allergic reaction, itchy ears, and red skin, that she began noticing in 12/2017, that she believed was (continued below)</p>					
Complaint Symptoms:	<p>Symptom: Change in mood quality or level; anxiety - lethargic following hospitalization Changes in skin and nail coloration (cyanosis, flushing) - red skin throughout body from consumption of Pacific Stream dog food, 2x in mid and late 12/2017. ONSET time could not be determined Coughing - dog coughed loudly 1x; ONSET could not be determined Itching (pruritis) - itchiness throughout body from consumption of Pacific Stream dog food, 2x in mid and late 12/2017; ONSET time could not be determined</p>					
Health Care Professional:	<table border="1"> <tr> <td>Provider Name:</td> <td>[B6]</td> </tr> <tr> <td>Address:</td> <td rowspan="2" style="text-align: center; vertical-align: middle;">B6</td> </tr> <tr> <td>Phone:</td> </tr> </table>	Provider Name:	[B6]	Address:	B6	Phone:
Provider Name:	[B6]					
Address:	B6					
Phone:						
Hospital Information:	<table border="1"> <tr> <td>Hospital Name:</td> <td rowspan="2" style="text-align: center; vertical-align: middle;">B6</td> </tr> <tr> <td>Address:</td> </tr> <tr> <td></td> <td>US</td> </tr> </table>	Hospital Name:	B6	Address:		US
Hospital Name:	B6					
Address:						
	US					

	Phone:	B6
Product and Labeling:	Brand Name:	Taste of the Wild
	Product Name:	Prey Angus Beef Limited Ingredient Formula for Dogs (Grain Free)
	UPC Code:	not provided
	Lot/Serial #:	not provided
	Exp/Use by Date:	not provided

Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY

Cardiology Liaison: 508-887-4696

B6

Patient ID:

Canine

Years Old Female Great Dane
Blonde

Cardiology Appointment Report

Date: 7/3/2019

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

Cardiology Technician:

B6

Student:

Presenting Complaint: Recheck taurine responsive DCM with prior CHF (July 2018)

Concurrent Diseases:

B6

General Medical History:

LCHF in July 2018, history of long-term grain free diet, suspect taurine deficiency, suspect mitral valve dysplasia. Eating and drinking normally. No c/s/v/d. Normal activity level.

Diet and Supplements:

Purina Pro Plan Sensitive Stomach Salmon and Rice 2.25 cups BID
Taurine 2000 mg TID
L-carnitine 1000 mg - 2 capsules TID
Frontline Plus and Heartgard Plus

Cardiovascular History:

Prior CHF diagnosis? Y (July 2018)
Prior heart murmur? Y (Grade I-II/VI)
Prior ATE? N
Prior arrhythmia? N

Monitoring respiratory rate and effort at home? Y avg between 12-14 at rest

Cough? N

Shortness of breath or difficulty breathing? N

Syncope or collapse? N

Sudden onset lameness? N

Exercise intolerance? N, exercise restriction

Current Medications Pertinent to CV System:

B6

Muscle condition:

- Normal
- Mild muscle loss
- Moderate cachexia
- Marked cachexia

Cardiovascular Physical Exam:

Murmur Grade:

- None
- I/VI
- II/VI
- III/VI
- IV/VI
- V/VI
- VI/VI

Murmur location/description: Left basilar systolic

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck
- 1/2 way up the neck
- Top 2/3 of the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong
- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other:

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats

- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent

- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds

- Pulmonary crackles
- Wheezes
- Upper airway stridor

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension

- Mild ascites
- Marked ascites

Problems:

Hx taurine responsive DCM with CHF, suspect mitral valve dysplasia.

Diagnostic plan:

- Echocardiogram
- Chemistry profile
- ECG
- Renal profile
- Blood pressure

- Dialysis profile
- Thoracic radiographs
- NT-proBNP
- Troponin I
- Other tests:

Echocardiogram Findings:

B6

Mitral inflow:

- Summated
- Normal
- Delayed relaxation

- Pseudonormal
- Restrictive

Assessment and recommendations: Today's echocardiogram again shows stable changes compared to last exam, with stable LA and LV dimensions and mildly reduced contractile function that is very similar to echo in March.

B6 continues to be doing well clinically with no apparent ill (cardiac) effects from her spay. Taurine and L-carnitine supplementation and cardiac medications can be continued at current doses. Recommend recheck echocardiogram in 4-6 months.

Final Diagnosis: Dilated cardiomyopathy with history of episode of LCHF - suspected taurine deficiency secondary to long term feeding of grain free diet; Suspect mitral valve dyplasia

Heart Failure Classification Score:

ISACHC Classification:

- Ia
- Ib
- II

- IIIa
- IIIb

ACVIM Classification:

- A
- B1
- B2

- C
- D

M-Mode

IVSd

LVIDd

LVPWd

IVSs

LVIDs

LVPWs

EDV(Teich)

ESV(Teich)

EF(Teich)

%FS

SV(Teich)

Ao Diam

LA Diam

LA/Ao

Max LA

EPSS

- cm
- cm
- cm
- cm
- cm
- cm
- ml
- ml
- %
- %
- ml
- cm
- cm
- cm
- cm
- cm

M-Mode Normalized

IVSdN

LVIDdN

LVPWdN

IVSsN

LVIDsN

LVPWsN

Ao Diam N

LA Diam N

- (0.290 - 0.520)
- (1.350 - 1.730) !
- (0.330 - 0.530)
- (0.430 - 0.710)
- (0.790 - 1.140) !
- (0.530 - 0.780)
- (0.680 - 0.890)
- (0.640 - 0.900)

2D

SA LA

Ao Diam

SA LA / Ao Diam

IVSd

LVIDd

- cm
- cm
- cm
- cm
- cm



LVPWd
EDV(Teich)
IVSs
LVIDs
LVPWs
ESV(Teich)
EF(Teich)
%FS
SV(Teich)
LV Major
LV Minor
Sphericity Index
LVLd A4C
LVEDV MOD A4C
LVLs A4C
LVESV MOD A4C
LVEF MOD A4C
SV MOD A4C

Doppler

MR Vmax
MR maxPG
MV E Vel
MV DecT
MV Dec Slope
MV A Vel
MV E/A Ratio
AV Vmax
AV maxPG
TR Vmax
TR maxPG

B6

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mmHg
m/s
mmHg

Discharge Instructions

Patient

Name: B6
Species: Canine
Blonde Female Great Dane
Birthdate: B6

Owner

Name: B6
Address: B6

Patient ID: B6

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6

Admit Date: 7/3/2019 12:21:20 PM

Discharge Date: 7/3/2019

Diagnoses:

1. History of mitral valve dysplasia with mitral regurgitation
2. History of dilated cardiomyopathy (DCM) with episode of LCHF 7/18
3. History of taurine deficiency

Case summary:

Thank you for bringing B6 to Tufts Cardiology Service for a recheck echocardiogram today. You report B6 is doing well at home, which we are glad to hear.

On physical exam B6 was bright, alert, and responsive. Her vital parameters (heart rate, respiratory rate, and temperature) were within normal limits. Her soft heart murmur sounded the same today compared to her last exam, at a grade II/VI. B6 echocardiogram shows completely stable changes compared to her last exam with a slight decrease in the size of her left atrium and left ventricle, and a stable mildly reduced ejection fraction. Since B6 heart disease remains stable at this time we do not need to change any of her medications.

While B6 was here, we also had B6 look at the incisions on her left hind leg. B6 believes her incisions are healing well, and it should be fine to remove the staples in 5-7 days. In the meantime please keep the incisions B6

Monitoring at home:

We would like you to continue to monitor B6 breathing rate and effort at home, ideally during sleep or at a time of

rest. The doses of drugs may be adjusted based on the breathing rate and effort.

We also want you to watch for weakness or collapse, a reduction in appetite, a cough, or distention of the belly as these findings indicate we should do a recheck exam.

If you have any concerns, please call or have your dog evaluated by a veterinarian.

Recommended Medications:

B6

Diet suggestions:

You can continue to feed **B6** Purina ProPlan Sensitive Skin and Stomach Salmon and Rice diet

Exercise Recommendations:

B6 may be able to dictate her own activity level. However, if you find that **B6** is lagging behind or needs to stop on a walk then this was too long a walk and shorter walks are advised in the future. Repetitive or strenuous high energy activities (repetitive ball chasing, running fast off-leash, etc.) are generally not advised.

Recheck Visits:

A recheck echocardiogram is recommended in 4-5 months.

Thank you for entrusting us with **B6** care - she's such a sweet beautiful girl and we always enjoy seeing you both!
Good luck with the new puppy!

Please contact our Cardiology liaison at (508)-887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

Please visit our HeartSmart website for more information

<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance (508-887-4629) to ensure the food is in stock. Alternatively, veterinary diets can be ordered from online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmc/clinical-studies

Case **B6**

Owner **B5, B6**

Discharge Instructions

Discharge Instructions

Patient

Name: B6
Species: Canine
Blonde Female Great Dane
Birthdate: B6

Owner

Name: B6
Address: B6

Patient ID: B6

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6

Admit Date: 9/5/2018 9:35:10 AM

Discharge Date: 9/5/2018

Diagnoses:

1. Dilated cardiomyopathy (DCM) with episode of LCHF 7/18
2. Mitral Valve Dysplasia
3. History of Taurine Deficiency

Case summary:

Thank you for bringing B6 to Tufts today for a recheck of her dilated cardiomyopathy.

On today's echocardiogram, B6 DCM is improved since her last echocardiogram at B6 in July. Although her left ventricle remains dilated today, there was a decreased left atrial size and increased left ventricular systolic function compared to July. She continues to have moderate to severe mitral regurgitation with suspected mitral valve dysplasia and mild tricuspid regurgitation. The ECG showed a normal sinus rhythm with sinus arrhythmia, which is a common variant of normal rhythm.

Given the acute development of B6 heart failure event, we remain suspicious that she suffered from some acute insult, either related to her taurine deficiency or something such as a viral or tick-borne myocarditis. We are happy to see that her echocardiogram looks improved today, but will need to monitor her cardiac function over time to determine to what extent she will continue to recover. A chemistry profile and NTproBNP blood test were submitted today and we will call you with the results of these blood tests tomorrow.

Monitoring at home:

- o We would like you to continue to monitor B6 breathing rate and effort at home, ideally during sleep or at a

time of rest. The doses of drugs may be adjusted based on the breathing rate and effort.

- We also want you to watch for weakness or collapse, a reduction in appetite, a cough, or distention of the belly as these findings indicate that we should do a recheck examination.
- If you have any concerns, please call or have your dog evaluated by a veterinarian. Our emergency clinic is open 24 hours/day.

Recommended Medications:

B6

Diet suggestions:

Dogs with heart failure accumulate more fluid in their body if they eat large amounts of sodium (salt). Sodium can be found in all foods, but some foods are lower in sodium than others. Many pet treats, people foods, and supplements used to give pills often have more sodium than is desirable - a sheet that has suggestions for low sodium treats can be found on the HeartSmart web site (<http://vet.tufts.edu/heartsmart/diet/>)

Your dog's usual diet may also have more sodium than recommended - we want her to continue to eat her normal diet for the first 7 to 14 days so we can make sure he is tolerating medications well, but after that time we would recommend slowly introducing one of the lower sodium diets on the HeartSmart list (25% of the new diet and 75% old diet for 2-3 days, then 50:50, etc.). Hopefully you can find a diet on the list that your dog likes to eat. Alternatively, if you are attached to the current diet you can research the amount of sodium in the diet to ensure that the sodium content is similar to those on the list.

Exercise Recommendations:

For the first 7 to 10 days after starting medications for heart failure we recommend very limited activity. Leash walking only is ideal, and short walks to start. Once the heart failure is better controlled, then slightly longer walks are acceptable. However, if you find that **B6** is lagging behind or needs to stop on a walk then this was too long a walk and shorter walks are advised in the future. Repetitive or strenuous high energy activities (repetitive ball chasing, running fast off-leash, etc.) are generally not advised at this stage of heart failure.

Recheck Visits:

A recheck echocardiogram is recommended in 2 months. Please give us a call if you have not heard from us with **B6** bloodwork results by Friday.

Thank you for entrusting us with **B6** care. Please contact our Cardiology liaison at (508)-887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

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Case:

Owner:

Discharge Instructions

Client: **B6**
 Veterinarian:
 Patient ID:
 Visit ID: 2496862

Patient: **B6**
 Species: Canine
 Breed: Great Dane
 Sex: Female
 Age: **B6** Years Old

Lab Results Report

Chemistry 21 (Cobas)		9/5/2018 11:58:21 AM	Accession ID: B6
Test	Results	Reference Range	Units
GLUCOSE	B6	67 - 135	mg/dL
UREA		8 - 30	mg/dL
CREATININE		0.6 - 2	mg/dL
PHOSPHORUS		2.6 - 7.2	mg/dL
CALCIUM2		9.4 - 11.3	mg/dL
T. PROTEIN		5.5 - 7.8	g/dL
ALBUMIN		2.8 - 4	g/dL
GLOBULINS		2.3 - 4.2	g/dL
A/G RATIO		0.7 - 1.6	
SODIUM		140 - 150	mEq/L
CHLORIDE		106 - 116	mEq/L
POTASSIUM		3.7 - 5.4	mEq/L
NA/K		29 - 40	
T BILIRUBIN		0.1 - 0.3	mg/dL
D.BILIRUBIN		0 - 0.1	mg/dL
I BILIRUBIN		0 - 0.2	mg/dL
ALK PHOS		12 - 127	U/L
ALT		14 - 86	U/L
AST		9 - 54	U/L
CHOLESTEROL		82 - 355	mg/dL
OSMOLALITY (CALCULATED)	291 - 315	mmol/L	
COMMENTS (CHEMISTRY)	0 - 0		

Client: **B6**
 Veterinarian:
 Patient ID:
 Visit ID: 2496862

Patient: **B6**
 Species: Canine
 Breed: Great Dane
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Discharge Instructions

Patient

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Birthdate: B6

Owner

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Patient ID: B6

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6

Admit Date: 9/5/2018 9:35:10 AM

Discharge Date: 9/5/2018

Diagnoses:

1. Dilated cardiomyopathy (DCM) with episode of LCHF 7/18
2. Mitral Valve Dysplasia
3. History of Taurine Deficiency

Case summary:

Thank you for bringing B6 to Tufts today for a recheck of her dilated cardiomyopathy.

On today's echocardiogram, B6, DCM is improved since her last echocardiogram at B6 in July. Although her left ventricle remains dilated today, there was a decreased left atrial size and increased left ventricular systolic function compared to July. She continues to have moderate to severe mitral regurgitation with suspected mitral valve dysplasia and mild tricuspid regurgitation. The ECG showed a normal sinus rhythm with sinus arrhythmia, which is a common variant of normal rhythm.

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B6

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A recheck echocardiogram is recommended in 2 months. Please give us a call if you have not heard from us with **B6** bloodwork results by Friday.

Thank you for entrusting us with **B6** care. Please contact our Cardiology liaison at (508)-887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

Please visit our HeartSmart website for more information

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Case: B6

Owner: B6

Discharge Instructions

Cummings

Veterinary Medical Center

AT TUFTS UNIVERSITY

Cardiology Liaison: 508-887-4696

B6

Patient ID: B6

B6

Canine

B6 Years Old Female Great Dane
Blonde

Cardiology Appointment Report

Date: 11/8/2018

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6 V'19

Presenting Complaint: Recheck appt.

6/6/18 - MV Dysplasia diagnosis, low grade

7/6/18 - CHF, DCM

Concurrent Diseases:

Hx Thrombocytopenia, monocytosis - corrected with taurine

General Medical History:

Doing great at home. Bloodwork run in October, emailed to cardio email. Owner reports that liver values are better. Eating and drinking normally. No c/s/v/d. Owner reports B6 littermate was also diagnosed with DCM and history of grain-free diet.

Diet and Supplements:

Purina Proplan sensitive skin & stomach Salmon and Rice 2.5 cups BID

2000mg Taurine supplement q8

Fish oil (Nordic Naturals) 3000mg SID

Hx of feeding grain free (Taste of the Wild pacific, angus freedom) - diet changed 7/8

Cardiovascular History:

Prior CHF diagnosis? 7/7/18

Prior heart murmur? Grade II/VI 6/6/18

Prior ATE? No

Prior arrhythmia? No

Monitoring respiratory rate and effort at home? Yes
Cough? No, owner reports there has been no coughing episodes
Shortness of breath or difficulty breathing? No
Syncope or collapse? No
Sudden onset lameness? No
Exercise intolerance? No

Current Medications Pertinent to CV System:

B6

Muscle condition:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Normal | <input checked="" type="checkbox"/> Moderate cachexia |
| <input checked="" type="checkbox"/> Mild muscle loss | <input checked="" type="checkbox"/> Marked cachexia |

Cardiovascular Physical Exam:

Murmur Grade:

- | | |
|---|---|
| <input checked="" type="checkbox"/> None | <input checked="" type="checkbox"/> IV/VI |
| <input checked="" type="checkbox"/> I/VI | <input checked="" type="checkbox"/> V/VI |
| <input checked="" type="checkbox"/> II/VI, soft | <input checked="" type="checkbox"/> VI/VI |
| <input checked="" type="checkbox"/> III/VI | |

Murmur location/description: Left apical systolic

Jugular vein:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Bottom 1/3 of the neck | <input checked="" type="checkbox"/> 1/2 way up the neck |
| <input checked="" type="checkbox"/> Middle 1/3 of the neck | <input checked="" type="checkbox"/> Top 2/3 of the neck |

Arterial pulses:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Weak | <input checked="" type="checkbox"/> Bounding |
| <input checked="" type="checkbox"/> Fair | <input checked="" type="checkbox"/> Pulse deficits |
| <input checked="" type="checkbox"/> Good | <input checked="" type="checkbox"/> Pulsus paradoxus |
| <input checked="" type="checkbox"/> Strong | <input checked="" type="checkbox"/> Other: |

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats

- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent

- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds

- Pulmonary crackles
- Wheezes
- Upper airway stridor

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension

- Mild ascites
- Marked ascites

Problems:

MVD
Hx CHF

Differential Diagnoses:

Previous diagnosis MVD
DCM w/ episode of LCHF

Diagnostic plan:

- Echocardiogram
- Chemistry profile + CBC
- ECG
- Renal profile
- Blood pressure

- Dialysis profile
- Thoracic radiographs
- NT-proBNP
- Troponin I
- Other tests: Taurine

Echocardiogram Findings:

B6

- Summated
- Normal
- Delayed relaxation

- Pseudonormal
- Restrictive

ECG findings:

HR 140; sinus rhythm isoelectric QRS complexes

Assessment and recommendations: Today's echocardiogram shows continued improvement compared to the exam from September, with improved contractile function and some further decrease in the LA size, however LV contractile function is still not back to normal at this time. Given the documented taurine deficiency and history of eating a grain free diet, nutritional secondary dilated cardiomyopathy superimposed on pre-existing mitral valve dysplasia is still the primary differential. However the acute worsening of LV dilation and contractile function and acute decompensation to CHF between June and July are still concerning for another more acute disease process such as myocarditis complicating the underlying cardiac disease. A CBC/Chem, NTproBNP and recheck WB taurine level (the latter at owner's request) were submitted today. **B6** continues to be doing very well clinically and her taurine supplementation current cardiac medications can be continued. A slight reduction in the **B6** to 100 mg BID can be considered. Recommend recheck echocardiogram in 3 months to assess for continued improvement with resolving taurine deficiency.

Final Diagnosis: Dilated cardiomyopathy with history of episode of LCHF - suspected taurine deficiency secondary to long term feeding of grain free diet; Suspect mitral valve dysplasia

Heart Failure Classification Score:

ISACHC Classification:

- Ia
- Ib
- II
- IIIa
- IIIb

ACVIM Classification:

- A
- B1
- B2
- C
- D

2D

- IVSd
- LVIDd
- LVPWd
- EDV(Teich)
- IVSs
- LVIDs
- LVPWs
- ESV(Teich)
- EF(Teich)
- %FS
- SV(Teich)
- Ao Diam
- LA Diam
- LA/Ao
- Ao/LA
- LVLd A4C
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- LVEF MOD A4C
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B6

M-Mode

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B6

Doppler

- MV E Vel
- MV DecT
- MV Dec Slope
- MV A Vel
- MV E/A Ratio
- E'
- E/E'
- MR Vmax
- MR maxPG
- AV Vmax
- AV maxPG
- TR Vmax
- TR maxPG

B6

Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY

Cardiology Liaison: 508-887-4696

B6

Patient ID: B6

B6

Canine

B6 Years Old Female Great Dane
Blonde

Cardiology Appointment Report

Date: B6

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6 V19

Presenting Complaint: Recheck appt.

B6 - MV Dysplasia diagnosis, low grade
CHF, DCM

Concurrent Diseases:

Hx Thrombocytopenia, monocytosis - corrected with taurine

General Medical History:

Doing great at home. Bloodwork run in October, emailed to cardio email. Owner reports that liver values are better. Eating and drinking normally. No c/s/v/d. Owner reports B6 littermate was also diagnosed with DCM and history of grain-free diet.

Diet and Supplements:

Purina Proplan sensitive skin & stomach Salmon and Rice 2.5 cups BID

2000mg Taurine supplement q8

Fish oil (Nordic Naturals) 3000mg SID

Hx of feeding grain free (Taste of the Wild pacific, angus freedom) - diet changed 7/8

Cardiovascular History:

Prior CHF diagnosis? B6

Prior heart murmur? Grade II/VI B6

Prior ATE? No

Prior arrhythmia? No

Monitoring respiratory rate and effort at home? Yes
Cough? No, owner reports there has been no coughing episodes
Shortness of breath or difficulty breathing? No
Syncope or collapse? No
Sudden onset lameness? No
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B6

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B6

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- MV E/A Ratio
- E'
- E/E'
- MR Vmax
- MR maxPG
- AV Vmax
- AV maxPG
- TR Vmax
- TR maxPG

B6

Client: **B6**
 Veterinarian:
 Patient ID:
 Visit ID: 2511047

Patient: **B6**
 Species: Canine
 Breed: Great Dane
 Sex: Female
 Age: **B6** Years Old

Lab Results Report

CBC, Comprehensive, Sm Animal 11/8/2018 2:17:13 PM **Accession ID: B6**

Test	Results	Reference Range	Units
WBC (ADVIA)	B6	4.4 - 15.1	K/uL
WBC (ADVIA)		4.4 - 15.1	K/uL
RBC(ADVIA)		5.8 - 8.5	M/uL
RBC(ADVIA)		5.8 - 8.5	M/uL
HGB(ADVIA)		13.3 - 20.5	g/dL
HGB(ADVIA)		13.3 - 20.5	g/dL
HCT(ADVIA)		39 - 55	%
HCT(ADVIA)		39 - 55	%
MCV(ADVIA)		64.5 - 77.5	fL
MCV(ADVIA)		64.5 - 77.5	fL
MCH(ADVIA)		21.3 - 25.9	pg
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MPV (ADVIA)		8.29 - 13.2	fL
MPV (ADVIA)		8.29 - 13.2	fL
PLTCRT		0.129 - 0.403	%
PLTCRT		0.129 - 0.403	%
RETIC(ADVIA)		0.2 - 1.6	%
RETIC(ADVIA)		0.2 - 1.6	%
RETICS (ABS) ADVIA		14.7 - 113.7	K/uL
RETICS (ABS) ADVIA		14.7 - 113.7	K/uL
COMMENTS (HEMATOLOGY)		0 - 0	

Chemistry Profile - Small Animal (11/8/2018 2:17:28 PM	Accession ID: B6
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PHOSPHORUS		2.6 - 7.2	mg/dL
CALCIUM2		9.4 - 11.3	mg/dL
MAGNESIUM 2+		1.8 - 3	mEq/L
T. PROTEIN		5.5 - 7.8	g/dL
ALBUMIN		2.8 - 4	g/dL
GLOBULINS		2.3 - 4.2	g/dL
A/G RATIO		0.7 - 1.6	
SODIUM		140 - 150	mEq/L
CHLORIDE		106 - 116	mEq/L
POTASSIUM		3.7 - 5.4	mEq/L
tCO2 (BICARB)		14 - 28	mEq/L
AGAP		8 - 19	
NA/K		29 - 40	
T BILIRUBIN		0.1 - 0.3	mg/dL
D.BILIRUBIN		0 - 0.1	mg/dL
I BILIRUBIN		0 - 0.2	mg/dL
ALK PHOS		12 - 127	U/L
GGT	0 - 10	U/L	
ALT	14 - 86	U/L	
AST	9 - 54	U/L	
CK	22 - 422	U/L	
CHOLESTEROL	82 - 355	mg/dL	
TRIGLYCERIDES	30 - 338	mg/dl	
AMYLASE	409 - 1250	U/L	
OSMOLALITY (CALCULATED)	291 - 315	mmol/L	
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Microscopic Exam of Blood Smear		11/8/2018 2:17:09 PM	Accession ID: B6
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MONOS%		1 - 15	%
EOS%		0 - 16	%
SEGS (AB)ADVIA		2.8 - 11.5	K/ul

LYMPHS (ABS)ADVIA	B6	1 - 4.8	K/uL
MONOS (ABS)ADVIA		0.1 - 1.5	K/uL
EOS (ABS)ADVIA		0 - 1.4	K/uL
WBC MORPHOLOGY		0 - 0	
Occasional reactive lymphocytes			
POIKILOCYTOSIS	Occasional	0 - 0	

Cummings

Veterinary Medical Center

AT TUFTS UNIVERSITY

Foster Hospital for Small Animals
55 Willard Street
North Grafton, MA 01536
Telephone (508) 839-5395
Fax (508) 839-7951
<http://vetmed.tufts.edu/>

Discharge Instructions

Patient Name: B6
Owner Name: B6
Patient ID: B6
Species: Canine
Address: B6

Blonde Female Great Dane
Birthdate: B6

Attending Cardiologist:
B6 DVM, DACVIM (Cardiology)

Cardiology Technician:
B6 CVT, VTS (Cardiology)

Student:
B6 V19

Discharge Date: B6

Diagnoses:

1. Dilated cardiomyopathy (DCM) with episode of LCHF 7/18
2. Mitral valve dysplasia
3. History of taurine deficiency
4. Thrombocytopenia

Case summary:

Thank you for bringing B6 to Tufts Cardiology Service today for a recheck of her dilated cardiomyopathy. We are happy to hear she is doing so well at home!

On physical exam, B6 was bright, alert, and responsive. Her vital parameters (heart rate and respiratory rate) were within normal limits. Her heart murmur sounded quieter today than it has in the past at a grade I-II/VI. The remainder of her physical exam was unremarkable.

B6 echocardiogram revealed that her DCM is again improved since her last echocardiogram here in September. Although her left ventricle remains dilated today, it is smaller than it was before, and there was a decreased left atrial size and increased left ventricular systolic function compared to September. She continues to have moderate to severe mitral regurgitation with suspected mitral valve dysplasia and mild tricuspid regurgitation. The ECG showed a normal sinus rhythm today.

Given the acute development of B6 heart failure event, we remain suspicious that she suffered from some acute insult, either related to her taurine deficiency or something such as a viral or tick-borne myocarditis. We are happy to see that her echocardiogram looks improved today, but will still need to monitor her cardiac function over time to determine to what extent she will continue to recover. A complete blood count, chemistry profile, and NTproBNP blood test were submitted today and we will call you with the results of these blood tests when they become available. We have additionally submitted a blood sample to the UC Davis laboratory to evaluate B6 taurine levels at this time; we will call you with the results when they are available, which can take a couple of weeks.

B6 CBC and chemistry profile are back. Her chemistry profile shows a minor elevation in her liver values, but they are again lower than they were previously. Her CBC shows a persistent thrombocytopenia of **B6** which is significantly lower compared to her last CBC. At this time we recommend adding on an additional comprehensive "Vector Panel" which includes testing for the following agents: Anaplasma spp., Babesia spp., Bartonella spp., Canine Hemotropic Mycoplasma, Ehrlichia spp., Hepatozoon spp., Leishmania spp. Quant, Neorickettsia risticii, and Rocky Mountain spotted fever (Rickettsia rickettsii) RealPCR tests. Please let us know if you would like us to submit this with the blood we drew today. If all of the infectious testing is negative then it may be worthwhile reconnecting with an Internal Medicine specialist to determine whether further testing or treatment is needed for her thrombocytopenia.

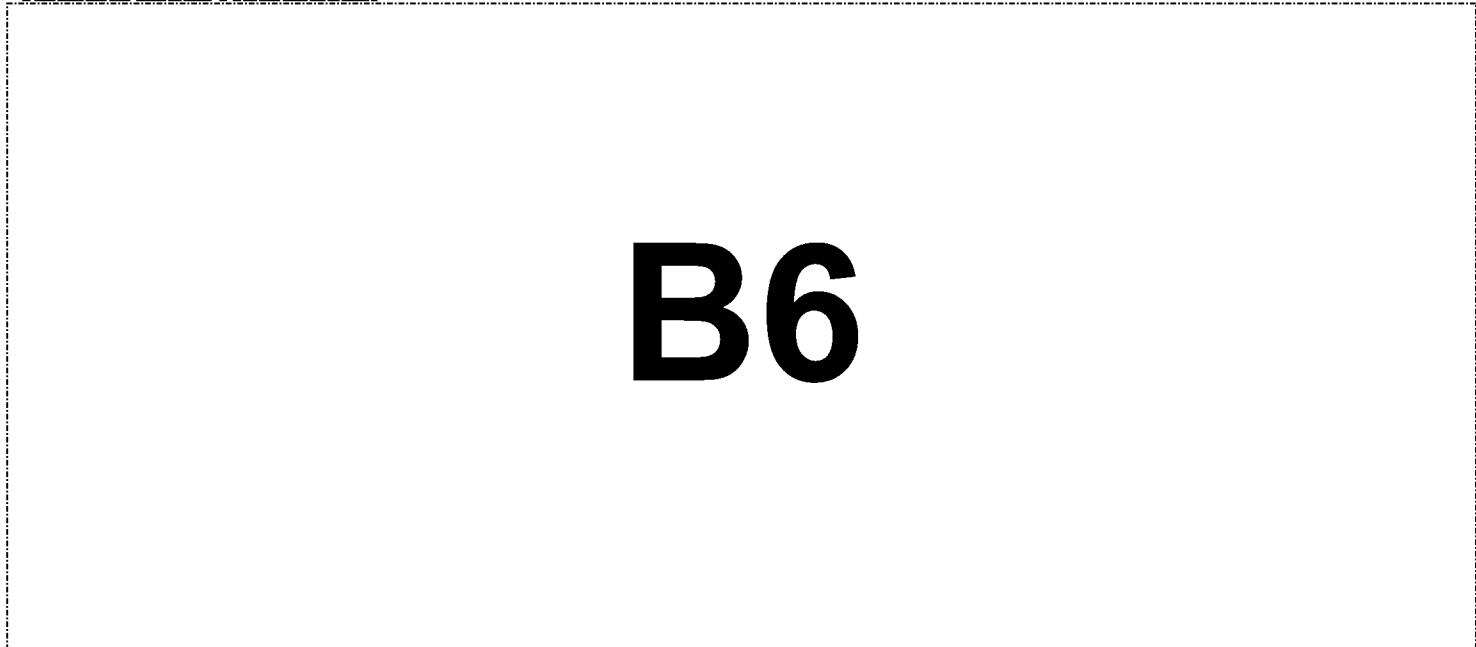
Monitoring at home:

We would like you to continue to monitor **B6** breathing rate and effort at home, ideally during sleep or at a time of rest. The doses of drugs may be adjusted based on the breathing rate and effort.

We also want you to watch for weakness or collapse, a reduction in appetite, a cough, or distention of the belly as these findings indicate that we should do a recheck examination.

If you have any concerns, please call or have your dog evaluated by a veterinarian. Our emergency clinic is open 24 hours/day.

Recommended Medications:



Diet suggestions:

You report that **B6** has been doing well on the Purina Proplan sensitive skin and stomach Salmon and Rice formulation. **B6** can continue to eat this diet as it seems to be working well for her.

Exercise Recommendations:

B6 may be able to dictate her own activity level. However, if you find that **B6** is lagging behind or needs to stop on a walk then this was too long a walk and shorter walks are advised in the future. Repetitive or strenuous high energy activities (repetitive ball chasing, running fast off-leash, etc.) are generally not advised at this stage of heart failure.

Recheck Visits:

A recheck echocardiogram is recommended in 2-3 months. Please give us a call next week if you have not heard from us with **B6** additional bloodwork results.

Thank you for entrusting us with **B6** care - she is a sweet beautiful girl and we always enjoy seeing you both! Please contact our Cardiology liaison at (508)-887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

Please visit our HeartSmart website for more information
<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance (508-887-4629) to ensure the food is in stock. Alternatively, veterinary diets can be ordered from online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmc/clinical-studies

Case:

Owner:

Discharge Instructions

Client: **B6**
 Veterinarian:
 Patient ID:
 Visit ID: 2511047

Patient: **B6**
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Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY

Cardiology Liaison: 508-887-4696

B6

Patient ID: B6

B6 Canine

B6 Years Old Male (Neutered) Labrador

Retriever Cross

Chocolate

Cardiology Appointment Report

Date: B6

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6 V19

Presenting Complaint:

Recheck DCM with mitral valve disease, LCHF, and supraventricular and ventricular arrhythmia

Concurrent Diseases:

None

General Medical History:

Doing ok at home. Has good days and bad days, more good than bad. Had very minimal coughing until September. Then lost his canine sister and he had 2 weeks where had decreased appetite and more significant coughing. Would have more frequent coughing spells for about 30-45 min after 10-15 minute walks. Would give an extra dose of B6. Has gotten better through October, maybe will have 1 cough every week. Has not gone for a walk in about 1 month. Appetite still not back to normal, eating about 75% of his normal meal. Eats more slowly. Has a 1 1/2 day-2 days of vomiting a few days ago. Still has some loose stool, about 60/40 normal:loose. O believes that has improved since changing his diet. Have not started Alivector monitoring at home. O reports that he is not lethargic and seems to miss his walks.

Diet and Supplements:

Hill's Adult large breed lamb and rice dry
Hill's SD Chicken, carrots, and spinach canned
Cosequin

Cardiovascular History:

Prior CHF diagnosis? Y

Prior ATE? N

Prior arrhythmia? Y

Cough? Y, worse in September, has improved since then and only coughing once a couple times a week.

Shortness of breath or difficulty breathing? Y, only after walks. Good at home

Syncope or collapse? N

Sudden onset lameness? N

Exercise intolerance? Y

Prior heart murmur? Y

Monitoring respiratory rate and effort at home? Y, have been in about mid-20's

Current Medications Pertinent to CV System:

B6

No taurine (levels normal and o felt it bothered him)

Cardiac Physical Examination:

B6

Muscle condition:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Moderate cachexia |
| <input type="checkbox"/> Mild muscle loss | <input type="checkbox"/> Marked cachexia |

Cardiovascular Physical Exam:

Murmur Grade:

- | | |
|--|--------------------------------|
| <input type="checkbox"/> None | <input type="checkbox"/> IV/VI |
| <input type="checkbox"/> I/VI | <input type="checkbox"/> V/VI |
| <input checked="" type="checkbox"/> II/VI | <input type="checkbox"/> VI/VI |
| <input checked="" type="checkbox"/> III/VI | |

Murmur location/description: Left apical systolic

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck
- 1/2 way up the neck
- Top 2/3 of the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong
- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other:

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats
- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent
- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds
- Pulmonary crackles
- Wheezes
- Upper airway stridor

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension
- Mild ascites
- Marked ascites

Problems:

DCM

Mitral valve disease

LCHF secondary to DCM and MVD- improved with medication

Supraventricular and ventricular arrhythmia

Coughing- recently improved, r/o secondary to arrhythmia vs residual pulmonary edema vs cardiomegaly

Decreased appetite- r/o secondary to DCM and arrhythmia

Loose stool- r/o secondary to dietary change.

Differential Diagnoses:

DCM with mitral valve disease

Arrhythmia secondary to DCM

Diagnostic plan:

- Echocardiogram
- Chemistry profile
- ECG
- Renal profile
- Blood pressure
- Dialysis profile
- Thoracic radiographs
- NT-proBNP
- Troponin I
- Other tests:

Echocardiogram Findings:

General/2-D findings:

Patient somewhat resistant to restraint in lateral. Ok for exam, but suboptimal quality images.
Dilated LV cavity with reduced contractile function, although septal motion is better than typical dog with isolated DCM. The LV cavity is markedly dilated. The LA is severely enlarged. The MV is slightly thickened with no obvious prolapse. The PA is slightly larger than the aorta. The RH is mildly dilated. No pleural or pericardial effusion, no ascites, normal hepatic vessels. No obvious cardiac masses visualized.

Doppler findings:

2-3+ MR
Trace TR

Mitral inflow:

- Summated
- Normal
- Delayed relaxation
- Pseudonormal
- Restrictive

ECG findings:

NSR/sinus tachycardia, occasional isolated VPCs and a single couplet VPCs with R on T morphology.

Assessment and recommendations:

Echocardiogram reveals similar findings compared to previous exam. There is still occasional ventricular arrhythmia, but it remains improved compared to initial exam. Owner would struggle with TI: B6 and patient is already on a relatively high dose B6. Chem 21 today revealed stable renal and liver values B6 dose is quite low and could be increased if patient starts to need medication adjustments. Patient switched to a Hill's lamb and rice diet; ideally recommend switching to a non lamb and rice based diet. Patient has sensitive stomach so consider nutrition consultation if struggling to find a diet that he does well on that is not lamb and rice based. Recheck echo (some possibility that the echo might be covered by the DCM study at that time) in 3-4 months, or sooner if clinical signs occur such as increased RR/RE, cough, collapse, or exercise intolerance.

Final Diagnosis:

DCM with component of DMVD, history of CHF
Ventricular and atrial arrhythmia
History of grain free diet (taste of the wild lamb); currently eating Hill's lamb and rice

Heart Failure Classification Score:

ISACHC Classification:

- Ia
- Ib
- II
- IIIa
- IIIb

ACVIM Classification:

- A
- B1
- B2
- C
- D

M-Mode

IVSd
LVIDd
LVPWd
IVSs
LVIDs
LVPWs
%FS
Ao Diam
LA Diam
LA/Ao
Max LA

B6

cm
cm
cm
cm
cm
cm
%
cm
cm
cm
cm

M-Mode Normalized

IVSdN
LVIDdN
LVPWdN
IVSsN
LVIDsN
LVPWsN
Ao Diam N
LA Diam N

B6

(0.29 - 0.52)
(1.35 - 1.73) !
(0.33 - 0.53)
(0.43 - 0.71) !
(0.79 - 1.14) !
(0.53 - 0.78) !
(0.68 - 0.89) !
(0.64 - 0.90) !

2D

SA LA
Ao Diam
SA LA / Ao Diam
IVSd
LVIDd
LVPWd
EDV(Teich)
IVSs
LVIDs
LVPWs
ESV(Teich)
EF(Teich)
%FS
SV(Teich)

B6

cm
cm
cm
ml
cm
cm
cm
ml
%
%
ml

Doppler

MIR Vmax
MIR maxPG
MV E Vel
MV DecT
MV A Vel
MV E/A Ratio
E'
A'

B6

m/s
mmHg
m/s
ms
m/s
m/s
m/s
m/s

E/E
PV Vmax
PV maxPG
AV Vmax
AV maxPG

B6

m/s
mmHg
m/s
mmHg

Client: **B6**
 Veterinarian:
 Patient ID:
 Visit ID: 2511047

Patient: **B6**
 Species: Canine
 Breed: Great Dane
 Sex: Female
 Age: **B6** Years Old

Lab Results Report

CBC, Comprehensive, Sm Animal 11/8/2018 2:17:13 PM **Accession ID B6**

Test	Results	Reference Range	Units	
WBC (ADVIA)	B6	4.4 - 15.1	K/uL	
WBC (ADVIA)		4.4 - 15.1	K/uL	
RBC(ADVIA)		5.8 - 8.5	M/uL	
RBC(ADVIA)		5.8 - 8.5	M/uL	
HGB(ADVIA)		13.3 - 20.5	g/dL	
HGB(ADVIA)		13.3 - 20.5	g/dL	
HCT(ADVIA)		39 - 55	%	
HCT(ADVIA)		39 - 55	%	
MCV(ADVIA)		64.5 - 77.5	fL	
MCV(ADVIA)		64.5 - 77.5	fL	
MCH(ADVIA)		21.3 - 25.9	pg	
MCH(ADVIA)		21.3 - 25.9	pg	
MCHC(ADVIA)		31.9 - 34.3	g/dL	
MCHC(ADVIA)		31.9 - 34.3	g/dL	
RDW (ADVIA)		11.9 - 15.2		
RDW (ADVIA)		11.9 - 15.2		
PLT(ADVIA)		173 - 486	K/uL	
PLT(ADVIA)		173 - 486	K/uL	
MPV (ADVIA)		8.29 - 13.2	fL	
MPV (ADVIA)		8.29 - 13.2	fL	
PLTCRT		0.129 - 0.403	%	
PLTCRT		0.129 - 0.403	%	
RETIC(ADVIA)		0.2 - 1.6	%	
RETIC(ADVIA)		0.2 - 1.6	%	
RETICS (ABS) ADVIA		14.7 - 113.7	K/uL	
RETICS (ABS) ADVIA		14.7 - 113.7	K/uL	
COMMENTS (HEMATOLOGY)			0 - 0	

Chemistry Profile - Small Animal (11/8/2018 2:17:28 PM	Accession ID: B6
Test	Results	Reference Range	Units
GLUCOSE	B6	67 - 135	mg/dL
UREA		8 - 30	mg/dL
CREATININE		0.6 - 2	mg/dL
PHOSPHORUS		2.6 - 7.2	mg/dL
CALCIUM2		9.4 - 11.3	mg/dL
MAGNESIUM 2+		1.8 - 3	mEq/L
T. PROTEIN		5.5 - 7.8	g/dL
ALBUMIN		2.8 - 4	g/dL
GLOBULINS		2.3 - 4.2	g/dL
A/G RATIO		0.7 - 1.6	
SODIUM		140 - 150	mEq/L
CHLORIDE		106 - 116	mEq/L
POTASSIUM		3.7 - 5.4	mEq/L
ICO2 (BICARB)		14 - 28	mEq/L
AGAP		8 - 19	
NA/K		29 - 40	
T BILIRUBIN		0.1 - 0.3	mg/dL
D.BILIRUBIN		0 - 0.1	mg/dL
I BILIRUBIN		0 - 0.2	mg/dL
ALK PHOS		12 - 127	U/L
GGT	0 - 10	U/L	
ALT	14 - 86	U/L	
AST	9 - 54	U/L	
CK	22 - 422	U/L	
CHOLESTEROL	82 - 355	mg/dL	
TRIGLYCERIDES	30 - 338	mg/dl	
AMYLASE	409 - 1250	U/L	
OSMOLALITY (CALCULATED)	291 - 315	mmol/L	
COMMENTS (CHEMISTRY)		0 - 0	

Microscopic Exam of Blood Smear		11/8/2018 2:17:09 PM	Accession ID: B6
Test	Results	Reference Range	Units
SEGS%	B6	43 - 86	%
LYMPHS%		7 - 47	%
MONOS%		1 - 15	%
EOS%		0 - 16	%
SEGS (AB)ADVIA		2.8 - 11.5	K/ul

LYPHHS (ABS)ADVIA	B6	1 - 4.8	K/uL
MONOS (ABS)ADVIA		0.1 - 1.5	K/uL
EOS (ABS)ADVIA		0 - 1.4	K/uL
WBC MORPHOLOGY		0 - 0	
Occasional reactive lymphocytes			
POIKILOCYTOSIS	Occasional	0 - 0	

Cummings

Veterinary Medical Center

AT TUFTS UNIVERSITY

Cardiology Liaison: 508-887-4696

B6

Patient ID: B6

B6

Canine

B6 Years Old Female Great Dane
Blonde

Cardiology Appointment Report

Date: B6

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student B6 V19

Presenting Complaint: Recheck appt.

B6

7/6/18 - CHF, DCM

Concurrent Diseases:

Hx: B6

General Medical History:

Doing great at home. Bloodwork run in October, emailed to cardio email. Owner reports that liver values are better. Eating and drinking normally. No c/s/v/d. Owner reports B6 littermate was also diagnosed with DCM and history of grain-free diet.

Diet and Supplements:

Purina Proplan sensitive skin & stomach Salmon and Rice 2.5 cups BID

2000mg Taurine supplement q8

Fish oil (Nordic Naturals) 3000mg SID

Hx of feeding grain free (Taste of the Wild pacific, angus freedom) - diet changed 7/8

Cardiovascular History:

Prior CHF diagnosis? 7/7/18

Prior heart murmur? Grade II/VI 6/6/18

Prior ATE? No

Prior arrhythmia? No

Monitoring respiratory rate and effort at home? Yes
Cough? No, owner reports there has been no coughing episodes
Shortness of breath or difficulty breathing? No
Syncope or collapse? No
Sudden onset lameness? No
Exercise intolerance? No

Current Medications Pertinent to CV System:

B6

Cardiac Physical Examination:

B6

Muscle condition:

- Normal
- Mild muscle loss
- Moderate cachexia
- Marked cachexia

Cardiovascular Physical Exam:

Murmur Grade:

- None
- I/VI
- II/VI, soft
- III/VI
- IV/VI
- V/VI
- VI/VI

Murmur location/description: Left apical systolic

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck
- 1/2 way up the neck
- Top 2/3 of the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong
- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other:

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats

- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent

- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds

- Pulmonary crackles
- Wheezes
- Upper airway stridor

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension

- Mild ascites
- Marked ascites

Problems:

MVD
Hx CHF

Differential Diagnoses:

Previous diagnosis MVD
DCM w/ episode of LCHF

Diagnostic plan:

- Echocardiogram
- Chemistry profile + CBC
- ECG
- Renal profile
- Blood pressure
- Dialysis profile
- Thoracic radiographs
- NT-proBNP
- Troponin I
- Other tests: Taurine

Echocardiogram Findings:

General/2-D findings: The LV cavity is moderately dilated with mildly reduced contractile function. LVIDd is similar to last exam while the LVIDs is smaller and contractile function is improved. LV walls are subjectively only mildly thin. The LA is mildly enlarged and is smaller than it was at last exam. The mitral valve is diffusely mildly thickened. The RH appears mildly dilated. The PA is mildly dilated. There is no pericardial or pleural effusion.

Doppler findings: 2-3+ MR; 1+ TR; Trace AI and PI

Mitral inflow:

- Summated
- Normal
- Delayed relaxation
- Pseudonormal
- Restrictive

ECG findings:

B6

Assessment and recommendations: Today's echocardiogram shows continued improvement compared to the exam from September, with improved contractile function and some further decrease in the LA size, however LV contractile function is still not back to normal at this time. Given the documented taurine deficiency and history of eating a grain free diet, nutritional secondary dilated cardiomyopathy superimposed on pre-existing mitral valve dysplasia is still the primary differential. However the acute worsening of LV dilation and contractile function and acute decompensation to CHF between June and July are still concerning for another more acute disease process such as myocarditis complicating the underlying cardiac disease. A CBC/Chem, NTproBNP and recheck WB taurine level (the latter at owner's request) were submitted today. **B6** continues to be doing very well clinically and her taurine supplementation current cardiac medications can be continued. A slight reduction in the **B6** to 100 mg BID can be considered. Recommend recheck echocardiogram in 3 months to assess for continued improvement with resolving taurine deficiency.

Final Diagnosis: Dilated cardiomyopathy with history of episode of LCHF - suspected taurine deficiency secondary to long term feeding of grain free diet; Suspect mitral valve dysplasia

Heart Failure Classification Score:

ISACHC Classification:

- Ia
- Ib
- II
- IIIa
- IIIb

ACVIM Classification:

- A
- B1
- B2
- C
- D

2D

- IVSd
- LVIDd
- LVPWd
- EDV(Teich)
- IVSs
- LVIDs
- LVPWs
- ESV(Teich)
- EF(Teich)
- %FS
- SV(Teich)
- Ao Diam
- LA Diam
- LA/Ao
- Ao/LA
- LVLd A4C
- LVEDV MOD A4C
- LVLs A4C
- LVESV MOD A4C
- LVEF MOD A4C
- SV MOD A4C

B6

M-Mode

- IVSd
- LVIDd
- LVPWd
- IVSs
- LVIDs
- LVPWs
- EDV(Teich)
- ESV(Teich)
- EF(Teich)
- %FS
- SV(Teich)
- Ao Diam
- LA Diam
- LA/Ao
- TAPSE
- EPSS

B6

Doppler

- MV E Vel
- MV DecT
- MV Dec Slope
- MV A Vel
- MV E/A Ratio
- E'
- E/E'
- MR Vmax
- MR maxPG
- AV Vmax
- AV maxPG
- TR Vmax
- TR maxPG

B6

Client: **B6**
 Veterinarian: **B6**
 Patient ID: **B6**
 Visit ID: 2511047

Patient: **B6**
 Species: Canine
 Breed: Great Dane
 Sex: Female
 Age: **B6** Years Old

Lab Results Report

CBC, Comprehensive, Sm Animal 11/8/2018 2:17:13 PM **Accession ID: B6**

Test	Results	Reference Range	Units	
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RBC(ADVIA)		5.8 - 8.5	M/uL	
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HGB(ADVIA)		13.3 - 20.5	g/dL	
HCT(ADVIA)		39 - 55	%	
HCT(ADVIA)		39 - 55	%	
MCV(ADVIA)		64.5 - 77.5	fL	
MCV(ADVIA)		64.5 - 77.5	fL	
MCH(ADVIA)		21.3 - 25.9	pg	
MCH(ADVIA)		21.3 - 25.9	pg	
MCHC(ADVIA)		31.9 - 34.3	g/dL	
MCHC(ADVIA)		31.9 - 34.3	g/dL	
RDW (ADVIA)		11.9 - 15.2		
RDW (ADVIA)		11.9 - 15.2		
PLT(ADVIA)		173 - 486	K/uL	
PLT(ADVIA)		173 - 486	K/uL	
MPV (ADVIA)		8.29 - 13.2	fL	
MPV (ADVIA)		8.29 - 13.2	fL	
PLTCRT		0.129 - 0.403	%	
PLTCRT		0.129 - 0.403	%	
RETIC(ADVIA)		0.2 - 1.6	%	
RETIC(ADVIA)		0.2 - 1.6	%	
RETICS (ABS) ADVIA		14.7 - 113.7	K/uL	
RETICS (ABS) ADVIA		14.7 - 113.7	K/uL	
COMMENTS (HEMATOLOGY)			0 - 0	

Chemistry Profile - Small Animal (11/8/2018 2:17:28 PM	Accession ID: B6
Test	Results	Reference Range	Units
GLUCOSE	B6	67 - 135	mg/dL
UREA		8 - 30	mg/dL
CREATININE		0.6 - 2	mg/dL
PHOSPHORUS		2.6 - 7.2	mg/dL
CALCIUM2		9.4 - 11.3	mg/dL
MAGNESIUM 2+		1.8 - 3	mEq/L
T. PROTEIN		5.5 - 7.8	g/dL
ALBUMIN		2.8 - 4	g/dL
GLOBULINS		2.3 - 4.2	g/dL
A/G RATIO		0.7 - 1.6	
SODIUM		140 - 150	mEq/L
CHLORIDE		106 - 116	mEq/L
POTASSIUM		3.7 - 5.4	mEq/L
tCO2 (BICARB)		14 - 28	mEq/L
AGAP		8 - 19	
NA/K		29 - 40	
T BILIRUBIN		0.1 - 0.3	mg/dL
D.BILIRUBIN		0 - 0.1	mg/dL
I BILIRUBIN		0 - 0.2	mg/dL
ALK PHOS		12 - 127	U/L
GGT	0 - 10	U/L	
ALT	14 - 86	U/L	
AST	9 - 54	U/L	
CK	22 - 422	U/L	
CHOLESTEROL	82 - 355	mg/dL	
TRIGLYCERIDES	30 - 338	mg/dl	
AMYLASE	409 - 1250	U/L	
OSMOLALITY (CALCULATED)	291 - 315	mmol/L	
COMMENTS (CHEMISTRY)		0 - 0	

Microscopic Exam of Blood Smear		11/8/2018 2:17:09 PM	Accession ID: B6
Test	Results	Reference Range	Units
SEGS%	B6	43 - 86	%
LYMPHS%		7 - 47	%
MONOS%		1 - 15	%
EOS%		0 - 16	%
SEGS (AB)ADVIA		2.8 - 11.5	K/ul

LYMPHS (ABS)ADVIA	B6	1 - 4.8	K/uL
MONOS (ABS)ADVIA		0.1 - 1.5	K/uL
EOS (ABS)ADVIA		0 - 1.4	K/uL
WBC MORPHOLOGY		0 - 0	
Occasional reactive lymphocytes			
POIKILOCYTOSIS	Occasional	0 - 0	

Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY

Cardiology Liaison: 508-887-4696

B6

Patient ID: B6

B6

Canine

B6 Years Old Male (Neutered) Caucasian
Shepherd Dog
Gray/Black

Cardiology Appointment Report

Date: 6/12/2018

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Intern:

B6

Cardiology Technician:

B6

Student:

B6

Presenting Complaint:

Recheck DCM and CHF from 5/29/18

Concurrent Diseases:

None

General Medical History:

Dx with murmur at approximately 2 years of age

Diet and Supplements:

Royal Canin large breed

Taurine (250 mg tablets) - 4 tablets (B6) PO SID

Cardiovascular History:

Prior CHF diagnosis? Yes

Prior ATE? None

Prior arrhythmia? None

Cough? None

Shortness of breath or difficulty breathing? None

Syncope or collapse? None

Sudden onset lameness? None

Exercise intolerance? Normal per owner

Prior heart murmur? Yes

Current Medications Pertinent to CV System:

B6

Cardiac Physical Examination:

B6

Muscle condition:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Normal | <input checked="" type="checkbox"/> Moderate cachexia |
| <input checked="" type="checkbox"/> Mild muscle loss | <input checked="" type="checkbox"/> Marked cachexia |

Cardiovascular Physical Exam:

Murmur Grade:

- | | |
|--|---|
| <input checked="" type="checkbox"/> None | <input checked="" type="checkbox"/> IV/VI |
| <input checked="" type="checkbox"/> I/VI | <input checked="" type="checkbox"/> V/VI |
| <input checked="" type="checkbox"/> II/VI | <input checked="" type="checkbox"/> VI/VI |
| <input checked="" type="checkbox"/> III/VI | |

Murmur location/description: No murmur ausculted despite Hx, difficult auscultation due to panting

Jugular vein:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Bottom 1/3 of neck | <input checked="" type="checkbox"/> Top 2/3 rd of neck |
| <input checked="" type="checkbox"/> Middle 1/3 of neck | |

Arterial pulses:

- Weak
- Fair
- Good
- Strong

- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other:

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats

- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent

- Pronounced
- Other:

Pulmonary assessments:

- Eupneic - panting
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds

- Pulmonary crackles
- Wheezes
- Upper airway stridor

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension

- Mild ascites
- Marked ascites

Problems:

DCM

CHF - controlled with medications

Diagnostic plan:

- Echocardiogram
- Chemistry profile
- ECG
- Renal profile
- Blood pressure

- Dialysis profile
- Thoracic radiographs
- NT-proBNP
- Troponin I
- Other tests:

B6

Assessment and recommendations:

Previous echocardiogram on 5/29/18 revealed DCM with L-CHF. Serum taurine level was borderline or mildly decreased; whole blood levels of taurine within normal limits. Sample of B6 grain free dog food and label collected from owner today for submission to FDA. Patient currently receiving taurine supplementation; this should be continued if tolerated by B6. Clinically appears stable on current medications. Patient has been switched to Royal Canin Large Breed diet. Patient panting during examination but no apparent increased respiratory effort. Recommend at home monitoring of respiratory rate and effort. Recommend continuing on current B6. If not azotemic on bloodwork, increase B6) mg PO in the morning and 10 mg PO in the evening; monitor for signs of weakness or lethargy. Recheck echocardiogram recommended in 3-4 months or sooner if worsening clinical signs at home.

Final Diagnosis:

DCM with CHF (currently controlled on medications)

Heart Failure Classification Score:

ISACHC Classification:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Ia | <input checked="" type="checkbox"/> IIIa |
| <input checked="" type="checkbox"/> Ib | <input checked="" type="checkbox"/> IIIb |
| <input checked="" type="checkbox"/> II | |

ACVIM Classification:

- | | |
|--|---------------------------------------|
| <input checked="" type="checkbox"/> A | <input checked="" type="checkbox"/> C |
| <input checked="" type="checkbox"/> B1 | <input checked="" type="checkbox"/> D |
| <input checked="" type="checkbox"/> B2 | |

Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY
Cardiology Liaison: 508-887-4696

B6

Patient ID: B6

B6 Canine

B6 Years Old Male (Neutered)

Caucasian Shepherd Dog

Gray/Black BW: Weight (kg) 62.00

Cardiology Inpatient

Date: 5/29/2018

Weight: Weight (kg) 60.30

Requesting Clinician: B6

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Presenting complaint and important concurrent diseases: Increased respiratory rate and effort for 1 day + recent history of cough (~2 wks). No exercise intolerance noted.

Current medications and doses:

B6

Key indication for consultation: Increased respiratory rate/effort + dilated LV noted on TFAST.

Questions to be answered from the Consult:

Differentiate cardiac vs respiratory cause of cough

Assess cardiac structure and function

STOP - remainder of form to be filled out by Cardiology

B6

Muscle condition:

- Normal
 Mild muscle loss

- Moderate cachexia
 Marked cachexia

Cardiovascular Physical Exam

Murmur Grade:

- None
 I/VI
 II/VI
 III/VI
- IV/VI
 V/VI
 VI/VI

Jugular vein:

- Bottom 1/3 of neck
- Middle 1/3 of neck

- Top 2/3 of neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong

- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other (describe):

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats

- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent S3

- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds

- Pulmonary Crackles
- Wheezes
- Upper airway stridor
- Other auscultatory findings:

Abdominal exam:

- Normal
- Hepatomegaly

- Abdominal distension
- Mild ascites

Echocardiogram Findings:

B6

Assessment and recommendations:

Echocardiogram reveals DCM with L-CHF. Patient is on a grain-free diet. Submitted taurine levels. Will

submit diet and label to FDA. There also may or may not have a high VSD- may have covered over and no longer be patent; does not appear to be problematic at this time.

Treatment plan:

B6

Final Diagnosis: DCM with CHF

Heart Failure Classification Score:

ISACHC Classification:

- Ia
- Ib
- II
- IIIa
- IIIb

ACVIM CHF Classification:

- A
- B1
- B2
- C
- D

M-Mode

IVSd	om
LVIDd	om
LVPWd	om
IVSs	om
LVIDs	om
LVPWs	om
%FS	%
Ao Diam	om
LA Diam	om
LA/Ao	
Max LA	om
EPSS	om

B6

M-Mode Normalized

IVSdN	(0.29 - 0.52)
LVIDdN	(1.35 - 1.73) !
LVPWdN	(0.33 - 0.53) !
IVSsN	(0.43 - 0.71) !
LVIDsN	(0.79 - 1.14) !
LVPWsN	(0.53 - 0.78) !
Ao Diam N	(0.68 - 0.89) !
LA Diam N	(0.64 - 0.90) !

2D

SA LA	om
Ao Diam	om

SA LA / Ao Diam
IVSd
LVIDd
LVPWd
EDV(Teich)
IVSs
LVIDs
LVPWs
ESV(Teich)
EF(Teich)
%FS
SV(Teich)

B6

cm
cm
cm
ml
cm
cm
cm
ml
%
%
ml

B6

B6

B6

Lab Work
for **B6**

B6

Lab Work
for: B6

B6

Report Details - EON-358523

ICSR: 2051558
 Type Of Submission: Initial
 Report Version: FPSR.FDA.PETF.V.V1
 Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
 Reporting Type: Voluntary
 Report Submission Date: 2018-07-09 08:56:52 EDT

Reported Problem:
Problem Description: DCM and CHF
Date Problem Started: 07/03/2018
Concurrent Medical Problem: No
Outcome to Date: Stable

Product Information:
Product Name: Taste of the Wild grain free lamb dry
Product Type: Pet Food
Lot Number:
Package Type: BAG
Product Use Information:
Manufacturer /Distributor Information:
Purchase Location Information:

Animal Information:
Name: B6
Type Of Species: Dog
Type Of Breed: Retriever - Labrador
Gender: Male
Reproductive Status: Neutered
Weight: 50.8 Kilogram
Age: B6 Years
Assessment of Prior Health: Good
Number of Animals Reacted: 1
Owner Information:
Owner Information provided: Yes
Contact: Name: B6
 Phone: B6
Address: B6
 United States
Healthcare Professional Information:
Practice Name: Tufts Cummings School of Veterinary Medicine
Contact: Name: Lisa Freeman
 Phone: (508) 887-4523
 Email: lisa.freeman@tufts.edu
Address: 200 Westboro Rd
 North Grafton
 Massachusetts
 01536
 United States

Sender Information:	Name:	Lisa Freeman	
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States	
	Contact:	Phone:	5088874523
		Email:	lisa.freeman@tufts.edu
	Permission To Contact Sender:	Yes	
	Preferred Method Of Contact:	Email	
Reported to Other Parties:	None		

Additional Documents:

From: Rotstein, David </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS /CN=0A3B17EBFCF14A6CB8E94F322906BADD-DROTSTEI>
To: Palmer, Lee Anne; Carey, Lauren; Jones, Jennifer L; Ceric, Olgica; Nemser, Sarah; Queen, Jackie L
Sent: 6/12/2018 3:54:08 PM
Subject: Fwd: Zignature Lamb; [REDACTED] - EON-356326
Attachments: 2049281-report.pdf; 2049281-attachments.zip

From: PFR Event <pfpreventcreation@fda.hhs.gov>
Date: June 12, 2018 at 11:53:21 AM EDT
To: Cleary, Michael * <Michael.Cleary@fda.hhs.gov>, HQ Pet Food Report Notification <HQPetFoodReportNotification@fda.hhs.gov>, [REDACTED]
Subject: Zignature Lamb; [REDACTED] - EON-356326

A PFR Report has been received and PFR Event [EON-356326] has been created in the EON System.

A "PDF" report by name "2049281-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2049281-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-356326
ICSR #: 2049281
EON Title: PFR Event created for Zignature Lamb; 2049281

AE Date	05/28/2018	Number Fed/Exposed	3
Best By Date		Number Reacted	3
Animal Species	Dog	Outcome to Date	Stable
Breed	Bulldog		
Age	9 Years		

District Involved	PFR	B6	DO		
-------------------	-----	-----------	----	--	--

Product information

Individual Case Safety Report Number: 2049281

Product Group: Pet Food

Product Name: Zignature Lamb

Description: Presented as ER case after evaluation at **B6** the previous afternoon. Owner report distended and uncomfortable stomach, with a decrease in activity and an increase in vagal collapse episodes, that have been associated with bowel movements. **B6** appetite is also decreased and he vomited after one collapse episode. The collapse episodes have been occurring more frequently over the last few days, with at least 1 occurring each d **B6** removed 1500ml of fluid from **B6** abdomen and gave him 2mg/kg injection of **B6**

Submission Type: Initial

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Stable

Number of Animals Treated With Product: 3

Number of Animals Reacted With Product: 3

Product Name	Lot Number or ID	Best By Date
Zignature Lamb		

Sender information

B6

USA

Owner information

B6

USA

To view this PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-356326>

To view the PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspx?decorator=none&e=0&issueType=12&issueId=372847>

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Report Details - EON-356326

ICSR: 2049281
 Type Of Submission: Initial
 Report Version: FPSR.FDA.PETF.V.V1
 Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
 Reporting Type: Voluntary
 Report Submission Date: 2018-06-12 11:47:05 EDT

Reported Problem:
Problem Description: Presented as ER case after evaluation at [B6] the previous afternoon. Owner report distended and uncomfortable stomach, with a decrease in activity and an increase in vagal collapse episodes, that have been associated with bowel movements. [B6] appetite is also decreased and he vomited after one collapse episode. The collapse episodes have been occurring more frequently over the last few days, with at least 1 occurring each day. [B6] removed 1500ml of fluid from [B6] abdomen and gave him 2mg/kg injection of [B6]
Date Problem Started: 05/28/2018
Concurrent Medical Problem: Yes
Pre Existing Conditions: [B6]
Outcome to Date: Stable

Product Information:
Product Name: Zignature Lamb
Product Type: Pet Food
Lot Number:
Package Type: BAG
Possess Unopened Product: No
Possess Opened Product: Yes
Product Use Information:
Description: [B6] was fed 1 cup dry food BID since May 2015. He also receives Fruitable Treats, peanut, butter, and Fish Oil-1000 mg BID.
First Exposure Date: 05/01/2015
Product Use Stopped After the Onset of the Adverse Event: No
Perceived Relatedness to Adverse Event: Possibly related
Other Foods or Products Given to the Animal During This Time Period: Yes
Manufacturer /Distributor Information:
Purchase Location Information: Address: [B6] United States

Animal Information:
Name: [B6]
Type Of Species: Dog
Type Of Breed: Bulldog
Gender: Male
Reproductive Status: Neutered

	Weight: 28.1 Kilogram
	Age: 9 Years
	Assessment of Prior Health: Good
	Number of Animals Given the Product: 3
	Number of Animals Reacted: 3
	Owner Information: Owner Information provided: Yes
	Contact: Name: [Redacted] Phone: [Redacted] Email: [Redacted]
	Address: [Redacted] United States
	Healthcare Professional Information: Practice Name: [Redacted]
	Contact: Name: [Redacted] Phone: [Redacted] Other Phone: [Redacted] Email: [Redacted]
	Address: [Redacted] United States
Sender Information:	Name: [Redacted]
	Address: [Redacted] United States
	Contact: Phone: [Redacted] Other Phone: [Redacted] Email: [Redacted]
	Permission To Contact Sender: Yes
	Preferred Method Of Contact: Email
Additional Documents:	Attachment: cardio0053.pdf
	Description: Echo report, rDVM records, recheck, diet hx form. O declined taurine level,
	Type: Medical Records

Report Details - EON-356326

ICSR: 2049281
 Type Of Submission: Initial
 Report Version: FPSR.FDA.PETF.V.V1
 Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
 Reporting Type: Voluntary
 Report Submission Date: 2018-06-12 11:47:05 EDT

Reported Problem:
Problem Description: Presented as ER case after evaluation at [B6] the previous afternoon. Owner report distended and uncomfortable stomach, with a decrease in activity and an increase in vagal collapse episodes, that have been associated with bowel movements. [B6] appetite is also decreased and he vomited after one collapse episode. The collapse episodes have been occurring more frequently over the last few days, with at least 1 occurring each day. [B6] removed 1500ml of fluid from [B6] abdomen and gave him 2mg/kg injection of [B6]
Date Problem Started: 05/28/2018
Concurrent Medical Problem: Yes
Pre Existing Conditions: [B6]
Outcome to Date: Stable

Product Information:
Product Name: Zignature Lamb
Product Type: Pet Food
Lot Number:
Package Type: BAG
Possess Unopened Product: No
Possess Opened Product: Yes
Product Use Information:
Description: [B6] was fed 1 cup dry food BID since May 2015. He also receives Fruitable Treats, peanut, butter, and Fish Oil-1000 mg BID.
First Exposure Date: 05/01/2015
Product Use Stopped After the Onset of the Adverse Event: No
Perceived Relatedness to Adverse Event: Possibly related
Other Foods or Products Given to the Animal During This Time Period: Yes
Manufacturer /Distributor Information:
Purchase Location Information: **Address:** [B6] United States

Animal Information:
Name: [B6]
Type Of Species: Dog
Type Of Breed: Bulldog
Gender: Male
Reproductive Status: Neutered

	Weight: 28.1 Kilogram
	Age: 9 Years
	Assessment of Prior Health: Good
	Number of Animals Given the Product: 3
	Number of Animals Reacted: 3
	Owner Information:
	Owner Information provided: Yes
	Contact: Name: [Redacted] B6 Phone: [Redacted] Email: [Redacted]
	Address: [Redacted] B6 United States
	Healthcare Professional Information:
	Practice Name: [Redacted] B6
	Contact: Name: [Redacted] B6 Phone: [Redacted] Other Phone: [Redacted] Email: [Redacted]
	Address: [Redacted] B6 United States
Sender Information:	Name: [Redacted] B6
	Address: [Redacted] B6 United States
	Contact: Phone: [Redacted] B6 Other Phone: [Redacted] Email: [Redacted]
	Permission To Contact Sender: Yes
	Preferred Method Of Contact: Email
Additional Documents:	Attachment: cardio0053.pdf
	Description: Echo report, rDVM records, recheck, diet hx form. O declined taurine level,
	Type: Medical Records

Report Details - EON-362839	
ICSR:	2053949
Type Of Submission:	Initial
Report Version:	FPSR.FDA.PETF.V.V1
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type:	Voluntary
Report Submission Date:	2018-08-20 12:04:52 EDT
Reported Problem:	Problem Description: Originally reported as RFR EON-362682. CVM resubmitting as PFR: ACANA Dog Foods manufactured by Champion Petfoods USA: Chicken, Turkey and Nest Laid Eggs. NCSU Veterinary School has been following cases of Dilated Cardiomyopathy in dogs on grain free diets. [B6] 4-5 year old male castrated Doberman Pinscher, was diagnosed and treated for DCM and CHF at NCSU in April 2018. It was originally assumed to be breed related, however it was noted that he had been eating ACANA grain free pet food. The owner changed the food to Orijen Regional Red Grain Free diet for 1 month, then changed again to Purina Pro Plan Bright Minds in May 2018. He was seen again August 14, 2018 and a significant improvement has been reported in both his clinical signs and diagnostic imaging. Originally presented to [B6] [B6] [B6] for coughing for a 5 day duration. He was treated for DCM and CHF. He was presented 4/20/18 to the NC State Cardiology Service for further workup. [B6] was adopted from a rescue group 2 years ago and has been on the ACANA grain free diet since then. Another Doberman in the house, [B6] also has developed DCM and has improved with the removal of the grain free diet.
	Date Problem Started: 03/12/2018
	Date of Recovery: 08/14/2018
	Concurrent Medical Problem: Unknown
	Outcome to Date: Better/Improved/Recovering
Product Information:	Product Name: ACANA Grain Free Chicken, Turkey and Nest Laid Eggs Dry Dog Food
	Product Type: Pet Food
	Lot Number:
	Package Type: BAG
	Possess Unopened Product: Unknown
	Possess Opened Product: Unknown
	Product Use Information:
	Manufacturer /Distributor Information:
	Name: Champion Petfoods Type(s): Manufacturer Contact: Possess One or More Labels from This Product: Yes
	Purchase Location Information:
Animal Information:	Name: [B6]
	Type Of Species: Dog
	Type Of Breed: Doberman Pinscher
	Gender: Male
	Reproductive Status: Neutered
	Age: 5 Years
	Assessment of Prior Health: Unknown
Number of Animals 2	

	Given the Product:		
	Number of Animals Reacted:	2	
	Owner Information:	Owner Information provided: No	
	Healthcare Professional Information:	Practice Name:	NC State University, College of Veterinary Medicine
		Contact: Name:	B6
		Phone:	
		Email:	
Address:		1060 William Moore Dr Raleigh North Carolina 27607 United States	
Type of Veterinarian:	Referred veterinarian		
Permission to Release Records to FDA:	Yes		
Sender Information:	Name:	B6	
	Contact:	Email: B6	
	Reporter Wants to Remain Anonymous:	No	
	Permission To Contact Sender:	Yes	
	Preferred Method Of Contact:	Email	
Additional Documents:	Attachment:	B6 rDVM records.pdf	
	Description:	Medical records from primary veterinarian	
	Type:	Medical Records	
	Attachment:	B6 Labs and Imaging Results.pdf	
	Description:	Radiology reports, lab results	
	Type:	Medical Records	
	Attachment:	B6 NCSU Discharge Reports.pdf	
	Description:	NCSU discharge reports	
	Type:	Medical Records	

Report Details - EON-364568

ICSR: 2054744
Type Of Submission: Initial
Report Version: FPSR.FDA.PETF.V.V1
Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type: Voluntary
Report Submission Date: 2018-09-07 16:24:16 EDT

Reported Problem:
Problem Description: Diagnosed with DCM and CHF
Date Problem Started: 08/06/2018
Concurrent Medical Problem: No
Outcome to Date: Stable

Product Information:
Product Name: Rachel Ray Nutrish real beef and brown rice (barcode 7119000095)
Product Type: Pet Food
Lot Number:
Package Type: BAG
Product Use Information: First Exposure Date: 01/02/2017
Manufacturer /Distributor Information:
Purchase Location Information:

Animal Information:
Name: B6
Type Of Species: Dog
Type Of Breed: Mixed (Dog)
Gender: Female
Reproductive Status: Neutered
Weight: 25.6 Kilogram
Age: 6 Years
Assessment of Prior Health: Excellent
Number of Animals Reacted: 1
Owner Information: Owner Information provided: Yes
Contact: Name: B6
Phone: B6
Address: B6
United States
Healthcare Professional Information: Practice Name: B6
Contact: Name: B6
Phone: B6
Email: B6
Address: B6
United States

Sender Information:	Name:	Lisa Freeman
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
	Contact:	Phone: 5088874523 Email: lisa.freeman@tufts.edu
	Permission To Contact Sender:	Yes
	Preferred Method Of Contact:	Email

Additional Documents:

Attachment:	cardio report 8-7-18.pdf
Description:	Cardio report
Type:	Record
Attachment:	B6 .pdf
Description:	Diet history
Type:	Medical Records
Attachment:	discharge 8-8-18.pdf
Description:	Discharge
Type:	Record
Attachment:	chem profile 8-6-18.pdf
Description:	Chem profile
Type:	Laboratory Report
Attachment:	taurine 8-8-18.pdf
Description:	Taurine
Type:	Laboratory Report

From: Rotstein, David </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0A3B17EBFCF14A6CB8E94F322906BADD-DROTSTEI>
To: Carey, Lauren; Ceric, Olgica; Glover, Mark; Jones, Jennifer L; Nemser, Sarah; Palmer, Lee Anne; Peloquin, Sarah; Queen, Jackie L; Rotstein, David
Sent: 9/7/2018 8:35:05 PM
Subject: Tufts DCM case-FW: Rachel Ray Nutrish real beef and brown rice (barcode 7119000095): Lisa Freeman - EON-364568
Attachments: 2054744-report.pdf; 2054744-attachments.zip

David Rotstein, DVM, MPVM, Dipl. ACVP
CVM Vet-LIRN Liaison
CVM OSC/DC/CERT
7519 Standish Place
240-506-6763 (BB)



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From: PFR Event <pfpreventcreation@fda.hhs.gov>
Sent: Friday, September 07, 2018 4:32 PM
To: Cleary, Michael * <Michael.Cleary@fda.hhs.gov>; HQ Pet Food Report Notification <HQPetFoodReportNotification@fda.hhs.gov>; B6
Subject: Rachel Ray Nutrish real beef and brown rice (barcode 7119000095): Lisa Freeman - EON-364568

A PFR Report has been received and PFR Event [EON-364568] has been created in the EON System.

A "PDF" report by name "2054744-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2054744-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-364568
ICSR #: 2054744
EON Title: PFR Event created for Rachel Ray Nutrish real beef and brown rice (barcode 7119000095); 2054744

AE Date	08/06/2018	Number Fed/Exposed	
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Stable

Breed	Mixed (Dog)		
Age	6 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2054744

Product Group: Pet Food

Product Name: Rachel Ray Nutrish real beef and brown rice (barcode 7119000095)

Description: Diagnosed with DCM and CHF

Submission Type: Initial

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Stable

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Rachel Ray Nutrish real beef and brown rice (barcode 7119000095)		

Sender information

Lisa Freeman
 200 Westboro Rd
 North Grafton, MA 01536
 USA

Owner information

B6 USA

To view this PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-364568>

To view the PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspx?decorator=none&e=0&issueType=12&issuelid=381302>

=====

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Report Details - EON-364568

ICSR: 2054744
 Type Of Submission: Initial
 Report Version: FPSR.FDA.PETF.V.V1
 Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
 Reporting Type: Voluntary
 Report Submission Date: 2018-09-07 16:24:16 EDT

Reported Problem:
Problem Description: Diagnosed with DCM and CHF
Date Problem Started: 08/06/2018
Concurrent Medical Problem: No
Outcome to Date: Stable

Product Information:
Product Name: Rachel Ray Nutrish real beef and brown rice (barcode 7119000095)
Product Type: Pet Food
Lot Number:
Package Type: BAG
Product Use Information: **First Exposure Date:** 01/02/2017
Manufacturer /Distributor Information:
Purchase Location Information:

Animal Information:
Name: B6
Type Of Species: Dog
Type Of Breed: Mixed (Dog)
Gender: Female
Reproductive Status: Neutered
Weight: 25.6 Kilogram
Age: 6 Years
Assessment of Prior Health: Excellent
Number of Animals Reacted: 1
Owner Information: **Owner Information provided:** Yes
Contact: **Name:** B6
Phone: B6
Address: B6
 United States
Healthcare Professional Information: **Practice Name:** Tufts Cummings School of Veterinary Medicine
Contact: **Name:** Lisa Freeman
Phone: (508) 887-4523
Email: lisa.freeman@tufts.edu
Address: 200 Westboro Rd
 North Grafton
 Massachusetts
 01536
 United States

Sender Information:	Name:	Lisa Freeman
	Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
	Contact:	Phone: 5088874523 Email: lisa.freeman@tufts.edu
	Permission To Contact Sender:	Yes
	Preferred Method Of Contact:	Email

Additional Documents:

Attachment:	cardio report 8-7-18.pdf
Description:	Cardio report
Type:	Record
Attachment:	B6 .pdf
Description:	Diet history
Type:	Medical Records
Attachment:	discharge 8-8-18.pdf
Description:	Discharge
Type:	Record
Attachment:	chem profile 8-6-18.pdf
Description:	Chem profile
Type:	Laboratory Report
Attachment:	taurine 8-8-18.pdf
Description:	Taurine
Type:	Laboratory Report

B6

B6

Patient ID: **B6**

B6 Canine

B6 Years Old Female (Spayed)

Australian Shepherd Cross

Brindle BW: Weight (kg) 25.60

Cardiology Inpatient

Date: 8/7/2018

Weight: Weight (kg) 25.60

Attending Cardiologist:

B6

Cardiology Resident:

B6

Thoracic radiographs available for review?

- Yes - in SS
- Yes - in PACS
- No

Presenting complaint:

possible pericardial effusion

Current history:

lives with one other dog, came home from vaca 7/29 and she was panting frequently, would vomit clear fluid while laying down - from 0-2 times per day, also dry coughing/hacking (O sounds like clearing her throat), V+ does not occur specifically after eating or at specific times, no lethargy, E/D normally, no C/S/D, normal U/BM, O has had her since 6 months old

Prior medical history: January had sx on her leg due to torn meniscus and CCL, anesthesia uneventful, no other health issues

Current medications:

no medications

Diet:

Rachel Ray Nutrish dry food (unknown protein source), given bully sticks and marrow bone treats and peanut butter

STOP - remainder of form to be filled out by Cardiology

Physical Examination

B6

Muscle condition:

- Normal
- Mild muscle loss
- Moderate cachexia
- Marked cachexia

Cardiovascular Physical Exam

Murmur Grade:

- None
- I/VI
- II/VI
- III/VI
- IV/VI
- V/VI
- VI/VI

Murmur location/description: Left apical systolic

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck
- Top 2/3 of the neck
- 1/2 way up the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong
- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other (describe):

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats
- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent
- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds
- Pulmonary Crackles
- Wheezes
- Upper airway stridor
- Other auscultatory findings:

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension
- Mild ascites

Echocardiogram Findings:

General/2-D findings:

B6

B6

Mitral inflow:

- | | |
|---|---------------------------------------|
| <input type="checkbox"/> Summated | <input type="checkbox"/> Pseudonormal |
| <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Restrictive |
| <input type="checkbox"/> Delayed relaxation | |

ECG findings:

B6

Assessment and recommendations:

Echocardiogram reveals changes consistent with DCM with marked LA enlargement and frequent ventricular arrhythmia. Based on the fact that the MV does not appear to be markedly thickened and that the MR was very central, we are suspicious that the changes are DCM changes more than advanced DMVD. It could be diet related vs. primary/genetic in origin. Blood was pulled today for taurine blood levels and recommend supplementing while waiting for the results to be back. Continue with the current dose of based on the respiratory rate and effort. There was also frequent ventricular arrhythmia and recommend starting for the next 7 days then decrease to SID. Recheck kidney values daily while in the hospital and then 10-14 days after the start of the cardiac medications. The patient should be sent home with instructions to start 2-3 days after going home if she is still eating with a good appetite. A recheck ECG is also recommended in 10-14 days. Full recheck echocardiogram is recommended in 3 months or sooner if the patient develops clinical signs such as increased RR/RE, cough, exercise intolerance, or syncope.

Treatment plan:

B6

Final Diagnosis:

DCM-like changes with marked LA enlargement and suspected LCHF - r/o diet related vs. genetic in

origin.
 Ventricular ectopy

Heart Failure Classification Score:

ISACHC Classification:

- | | |
|-----------------------------|--|
| <input type="checkbox"/> Ia | <input checked="" type="checkbox"/> IIIa |
| <input type="checkbox"/> Ib | <input type="checkbox"/> IIIb |
| <input type="checkbox"/> II | |

ACVIM CHF Classification:

- | | |
|-----------------------------|---------------------------------------|
| <input type="checkbox"/> A | <input checked="" type="checkbox"/> C |
| <input type="checkbox"/> B1 | <input type="checkbox"/> D |
| <input type="checkbox"/> B2 | |

M-Mode

- IVSd
- LVIDd
- LVPWd
- IVSs
- LVIDs
- LVPWs
- %FS
- Ao Diam
- LA Diam
- LA/Ao
- EPSS

B6

- om
- om
- om
- om
- om
- om
- %
- om
- om
-
- om

M-Mode Normalized

- IVSdN
- LVIDdN
- LVPWdN
- IVSsN
- LVIDsN
- LVPWsN
- Ao Diam N
- LA Diam N

B6

- {0.29 - 0.52}
- {1.35 - 1.73} !
- {0.33 - 0.53}
- {0.43 - 0.71}
- {0.79 - 1.14} !
- {0.53 - 0.78} !
- {0.68 - 0.89} !
- {0.64 - 0.90} !

2D

- SA LA
- Ao Diam
- SA LA / Ao Diam
- IVSd
- LVIDd
- LVPWd
- EDV(Teich)
- IVSs
- LVIDs

B6

- om
- om
-
- om
- om
- om
- ml
- om
- om

LVPWs
ESV(Teich)
EF(Teich)
%FS
SV(Teich)

Doppler

MR Vmax
MR maxPG
MV E Vel
MV DecT
MV A Vel
MV E/A Ratio
E'
A'
E/E'
PV Vmax
PV maxPG
AV Vmax
AV maxPG
TR Vmax
TR maxPG

B6

B6

cm
ml
%
%
ml

m/s
mmHg
m/s
ms
m/s

m/s
m/s

m/s
mmHg
m/s
mmHg
m/s
mmHg

Client: **B6**
 Veterinarian:
 Patient ID:
 Visit ID: 2490582

Patient: **B6**
 Species: Canine
 Breed: Australian Shepherd Cross
 Sex: Female (Spayed)
 Age: **B6** Years Old

Lab Results Report

Chem Prof - Small Animal (Cobas) **B6** 10:04:27 PM **Accession ID: B6**

Test	Results	Reference Range	Units
GLUCOSE		67 - 135	mg/dL
UREA		8 - 30	mg/dL
CREATININE		0.6 - 2	mg/dL
PHOSPHORUS		2.6 - 7.2	mg/dL
CALCIUM2		9.4 - 11.3	mg/dL
MAGNESIUM 2+		1.8 - 3	mEq/L
T. PROTEIN		5.5 - 7.8	g/dL
ALBUMIN		2.8 - 4	g/dL
GLOBULINS		2.3 - 4.2	g/dL
A/G RATIO		0.7 - 1.6	
SODIUM		140 - 150	mEq/L
CHLORIDE		106 - 116	mEq/L
POTASSIUM		3.7 - 5.4	mEq/L
tCO2 (BICARB)	B6	14 - 28	mEq/L
AGAP		8 - 19	
NA/K		29 - 40	
T BILIRUBIN		0.1 - 0.3	mg/dL
D.BILIRUBIN		0 - 0.1	mg/dL
I BILIRUBIN		0 - 0.2	mg/dL
ALK PHOS		12 - 127	U/L
GGT		0 - 10	U/L
ALT		14 - 86	U/L
AST		9 - 54	U/L
CK		22 - 422	U/L
CHOLESTEROL		82 - 355	mg/dL
TRIGLYCERIDES		30 - 338	mg/dl
AMYLASE		409 - 1250	U/L

B6

B6

B6

Discharge Instructions

Patient

Name: B6

Species: Canine

Breed: Female (Spayed) Australian

Shepherd Cross

Birthdate: B6

Owner

Name:

B6

Address:

Patient ID: B6

Attending Cardiologist:

B6

Cardiology Resident:

B6

Student:

B6

Cardiology Technician:

B6

Admit Date: B6 3:10:59 PM

Discharge Date: B6

Diagnoses: Dilated cardiomyopathy (DCM) with congestive heart failure

Diagnostic test results and findings:

Echocardiogram findings: All chambers of the heart are enlarged and there is a leak at the mitral valve

ECG findings: The ECG showed an occasional arrhythmia (ventricular premature complexes) that have decreased in frequency since B6 first was admitted.

Labwork findings: B6 kidney and liver values are normal. She has no evidence of systemic infection.

Case summary:

B6 presented to the Tufts Emergency Room or B6 after being seen by your regular veterinarian for panting, vomiting, and a cough. Your regular veterinarian took chest x-rays that showed an enlarged heart and fluid in the lungs so they referred B6 to Tufts for further diagnostics and treatment.

On presentation in the Emergency Room we measured B6 vitals (heart rate, respiratory rate, temperature) which were all normal aside from some occasional increased respiratory rate and effort. We then did a quick ultrasound of the chest and could see that her heart was dilated and had decreased contractility. She was then monitored overnight and transferred to our Cardiology Service in the morning.

Our Cardiology Service took over B6 case and performed an echocardiogram (ultrasound of the heart) which confirmed the finding of a large, dilated heart with decreased contractility. We also could appreciate some insufficiency with her mitral valve within her heart as well, which is likely secondary to her enlarged heart. We also performed an ECG to

assess the electrical activity within her heart and noticed that she was having occasional arrhythmias (ventricular premature complexes).

Based on our findings, B6 has been diagnosed with a primary heart muscle disease called dilated cardiomyopathy (DCM). This disease is more common in large and giant breed dogs and is characterized by thinning of the walls of the heart, reduced cardiac pump function, and enlargement of the upper chambers of the heart. Many dogs with DCM will also have significant arrhythmias which can be life-threatening and also require medical management. The heart enlargement has now progressed to the point of congestive heart failure, meaning that fluid is backing up into the lungs or belly. Unfortunately this is a progressive disease and we cannot reverse the changes to the heart muscle, however we can use cardiac medications and some changes to the diet to make your dog comfortable and have her breathing easier.

While in the hospital we have been monitoring B6 closely for increased respiratory rate/ effort and she seems to be breathing much more comfortably since she was when she first was admitted. We also have kept her on 24/7 ECG monitoring in our Intensive Care Unit to see if she has been having any arrhythmias. Since starting her cardiac medications yesterday she has had a decreased frequency of arrhythmias which is great.

Based on how she has been improving while in the hospital, and that she seems bright, alert, and comfortable, we believe that she is ready to go home for continued monitoring and care.

Monitoring at home:

- We would like you to monitor your dog's breathing rate and effort at home, ideally during sleep or at a time of rest. The doses of drugs will be adjusted based on the breathing rate and effort.
- In general, most dogs with heart failure that is well controlled have a breathing rate at rest of less than 35 to 40 breaths per minute. In addition, the breathing effort, noted by the amount of belly wall motion used for each breath, is fairly minimal if heart failure is controlled.
- An increase in breathing rate or effort will usually mean that you should give an extra dose of B6 if difficulty breathing is not improved by within 30-60 minutes after giving extra B6 then we recommend that a recheck exam be scheduled and/or that your dog be evaluated by an emergency clinic.
- There are instructions for monitoring breathing, and a form to help keep track of breathing rate and drug doses, on the Tufts HeartSmart web site (<http://vet.tufts.edu/heartsmart/at-home-monitoring/>).
- We also want you to watch for weakness or collapse, a reduction in appetite, worsening cough, or distention of the belly as these findings indicate that we should do a recheck examination.
- We recommend that you purchase an AliveCor to use at home. This is a way for you to monitor her heart for any arrhythmias at home. You can purchase one on Amazon and learn more at www.alivecor.com
- If you have any concerns, please call or have your dog evaluated by a veterinarian. Our emergency clinic is open 24 hours/day.

Recommended Medications:

B6

B6

B6

Diet suggestions:

Dogs with heart failure accumulate more fluid in their body if they eat large amounts of sodium (salt). Sodium can be found in all foods, but some foods are lower in sodium than others. Many pet treats, people foods, and supplements used to give pills often have more sodium than is desirable - a sheet that has suggestions for low sodium treats can be found on the HeartSmart web site (<http://vet.tufts.edu/heartsmart/diet/>)

Your dog's usual diet may also have more sodium than recommended - we want him/her to continue to eat his/her normal diet for the first 7 to 14 days so we can make sure he is tolerating medications well, but after that time we would recommend slowly introducing one of the lower sodium diets on the HeartSmart list (25% of the new diet and 75% old diet for 2-3 days, then 50/50, etc.). Hopefully you can find a diet on the list that your dog likes to eat. Alternatively, if you are attached to the current diet you can research the amount of sodium in the diet to ensure that the sodium content is similar to those on the list.

Exercise Recommendations:

For the first 7 to 10 days after starting medications for heart failure we recommend very limited activity. Leash walking only is ideal, and short walks to start. Once the heart failure is better controlled, then slightly longer walks are acceptable. However, if you find that B6 is lagging behind or needs to stop on a walk then this was too long a walk and shorter walks are advised in the future. Repetitive or strenuous high energy activities (repetitive ball chasing, running fast off-leash, etc.) are generally not advised at this stage of heart failure.

Recheck Visits:

A recheck visit is recommended in 1-2 weeks. At that time we would like to repeat bloodwork in order to recheck her kidney values. This can be done either here or with your primary care veterinarian if more convenient.

A recheck echocardiogram is recommended in 3-4 months.

Thank you for entrusting us with B6 care. Please contact our Cardiology liaison at (508)-887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

Sincerely,

B6

Please visit our HeartSmart website for more information

<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance: B6 to ensure the food is in stock. Alternatively, veterinary diets can be ordered from

online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmc/clinical-studies

Case: B6

Owner: B6

Discharge Instructions

55 Willard Street
 North Grafton, MA 01536
 (508) 839-5395

Client: **B6**
 Veterinarian: **B6**
 Patient ID: **B6**
 Visit ID: 2490582

Patient: **B6**
 Species: Canine
 Breed: Australian Shepherd Cross
 Sex: Female (Spayed)
 Age: **B6** Years Old

Lab Results Report

Taurine Panel		B6	11:29:01 AM	Accession ID:	B6
Test	Results	Reference Range	Units		
TAURINE P	B6	60 - 120	nmol/mL		
TAURINE WB		200 - 350	nmol/mL		

Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY
Cardiology Liaison: 508-887-4696

B6

B6 Canine
Years Old Female (Spayed)
Australian Shepherd Cross
Breed: BW: Weight (kg) 25.60

Cardiology Inpatient

Date: **B6**
Weight: Weight (kg) 25.60

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Thoracic radiographs available for review?

- Yes - in SS
 Yes - in PACS
 No

Presenting complaint:

possible pericardial effusion

Current history:

lives with one other dog, came home from vaca 7/29 and she was panting frequently, would vomit clear fluid while laying down - from 0-2 times per day, also dry coughing/hacking (O sounds like clearing her throat), V+ does not occur specifically after eating or at specific times, no lethargy, E/D normally, no C/S/D, normal U/BM, O has had her since 6 months old

Prior medical history: **B6** anesthesia uneventful, no other health issues

Current medications:

no medications

Diet:

Rachel Ray Nutrish dry food (unknown protein source), given bully sticks and marrow bone treats and peanut butter

STOP - remainder of form to be filled out by Cardiology

Physical Examination

B6

Muscle condition:

- Normal
- Mild muscle loss
- Moderate cachexia
- Marked cachexia

Cardiovascular Physical Exam

Murmur Grade:

- None
- I/VI
- II/VI
- III/VI
- IV/VI
- V/VI
- VI/VI

Murmur location/description: Left apical systolic

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck
- Top 2/3 of the neck
- 1/2 way up the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong
- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other (describe):

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats
- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent
- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds
- Pulmonary Crackles
- Wheezes
- Upper airway stridor
- Other auscultatory findings:

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension
- Mild ascites

Echocardiogram Findings:

General/2-D findings:

B6

enlarged.

Doppler findings:

3+ MR, central jet
1-2+ TR

Mitral inflow:

- Summated
- Normal
- Delayed relaxation

- Pseudonormal
- Restrictive

ECG findings:

B6

Interpretation: Sinus rhythm with signs consistent with left atrial and ventricular enlargement. There are frequent multifocal VPCs that are isolated or as couplets, triplets and short run of AIVR.

Radiographic findings:

rDVM radiographs are not available for review at time of exam

Assessment and recommendations:

Echocardiogram reveals changes consistent with DCM with marked LA enlargement and frequent ventricular arrhythmia. Based on the fact that the MV does not appear to be markedly thickened and that the MR was very central, we are suspicious that the changes are DCM changes more than advanced DMVD. It could be diet related vs. primary/genetic in origin. Blood was pulled today for taurine blood levels and recommend supplementing while waiting for the results to be back. Continue with the current dose of **B6** based on the respiratory rate and effort. There was also frequent ventricular arrhythmia and recommend starting **B6** for the next 7 days then decrease to **B6**. Recheck kidney values daily while in the hospital and then 10-14 days after the start of the **B6**. The patient should be sent home with **B6** with instructions to start 2-3 days after going home if she is still eating with a good appetite. A recheck ECG is also recommended in 10-14 days. Full recheck echocardiogram is recommended in 3 months or sooner if the patient develops clinical signs such as increased RR/RE, cough, exercise intolerance, or syncope.

Treatment plan:

B6

Final Diagnosis:

DCM-like changes with marked LA enlargement and suspected LCHF - r/o diet related vs. genetic in

origin.
Ventricular ectopy

Heart Failure Classification Score:

ISACHC Classification:

- | | |
|-----------------------------|--|
| <input type="checkbox"/> Ia | <input checked="" type="checkbox"/> IIIa |
| <input type="checkbox"/> Ib | <input type="checkbox"/> IIIb |
| <input type="checkbox"/> II | |

ACVIM CHF Classification:

- | | |
|-----------------------------|---------------------------------------|
| <input type="checkbox"/> A | <input checked="" type="checkbox"/> C |
| <input type="checkbox"/> B1 | <input type="checkbox"/> D |
| <input type="checkbox"/> B2 | |

M-Mode

IVSd

LVIDd

LVPWd

IVSs

LVIDs

LVPWs

%FS

Ao Diam

LA Diam

LA/Ao

EPSS

B6

om
om
om
om
om
om
%
om
om
om

M-Mode Normalized

IVSdN

LVIDdN

LVPWdN

IVSsN

LVIDsN

LVPWsN

Ao Diam N

LA Diam N

B6

{0.29 - 0.52}
{1.35 - 1.73} !
{0.33 - 0.53}
{0.43 - 0.71}
{0.79 - 1.14} !
{0.53 - 0.78} !
{0.68 - 0.89} !
{0.64 - 0.90} !

2D

SA LA

Ao Diam

SA LA / Ao Diam

IVSd

LVIDd

LVPWd

EDV(Teich)

IVSs

LVIDs

B6

om
om
om
om
ml
om
om

LVPWs
ESV(Teich)
EF(Teich)
%FS
SV(Teich)

Doppler

MR Vmax
MR maxPG
MV E Vel
MV DecT
MV A Vel
MV E/A Ratio
E'
A'
E/E'
PV Vmax
PV maxPG
AV Vmax
AV maxPG
TR Vmax
TR maxPG

B6

cm
ml
%
%
ml

m/s
mmHg
m/s
ms
m/s

m/s
m/s

m/s
mmHg
m/s
mmHg
m/s
mmHg

Discharge Instructions

Patient

Name: B6

Species: Canine

Breed: Female (Spayed) Australian

Shepherd Cross

Birthdate: B6

Owner

Name: B6

Address: B6

Patient ID: B6

Attending Cardiologist:

B6

Cardiology Resident:

B6

Student:

B6

Cardiology Technician:

B6

Admit Date: B6 3:10:59 PM

Discharge Date: B6

Diagnoses: Dilated cardiomyopathy (DCM) with congestive heart failure

Diagnostic test results and findings:

Echocardiogram findings: All chambers of the heart are enlarged and there is a leak at the mitral valve

ECG findings: The ECG showed an occasional arrhythmia (ventricular premature complexes) that have decreased in frequency since B6 first was admitted.

Labwork finding: B6 kidney and liver values are normal. She has no evidence of systemic infection.

Case summary:

B6 presented to the Tufts Emergency Room on B6 after being seen by your regular veterinarian for panting, vomiting, and a cough. Your regular veterinarian took chest x-rays that showed an enlarged heart and fluid in the lungs so they referred B6 to Tufts for further diagnostics and treatment.

On presentation in the Emergency Room we measured B6 vitals (heart rate, respiratory rate, temperature) which were all normal aside from some occasional increased respiratory rate and effort. We then did a quick ultrasound of the chest and could see that her heart was dilated and had decreased contractility. She was then monitored overnight and transferred to our Cardiology Service in the morning.

Our Cardiology Service took over B6 case and performed an echocardiogram (ultrasound of the heart) which confirmed the finding of a large, dilated heart with decreased contractility. We also could appreciate some insufficiency with her mitral valve within her heart as well, which is likely secondary to her enlarged heart. We also performed an ECG to

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Based on our findings, [B6] has been diagnosed with a primary heart muscle disease called dilated cardiomyopathy (DCM). This disease is more common in large and giant breed dogs and is characterized by thinning of the walls of the heart, reduced cardiac pump function, and enlargement of the upper chambers of the heart. Many dogs with DCM will also have significant arrhythmias which can be life-threatening and also require medical management. The heart enlargement has now progressed to the point of congestive heart failure, meaning that fluid is backing up into the lungs or belly. Unfortunately this is a progressive disease and we cannot reverse the changes to the heart muscle, however we can use cardiac medications and some changes to the diet to make your dog comfortable and have her breathing easier.

While in the hospital we have been monitoring [B6] closely for increased respiratory rate/effort and she seems to be breathing much more comfortably since she was when she first was admitted. We also have kept her on 24/7 ECG monitoring in our Intensive Care Unit to see if she has been having any arrhythmias. Since starting her cardiac medications yesterday she has had a decreased frequency of arrhythmias which is great.

Based on how she has been improving while in the hospital, and that she seems bright, alert, and comfortable, we believe that she is ready to go home for continued monitoring and care.

Monitoring at home:

- We would like you to monitor your dog's breathing rate and effort at home, ideally during sleep or at a time of rest. The doses of drugs will be adjusted based on the breathing rate and effort.
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- If you have any concerns, please call or have your dog evaluated by a veterinarian. Our emergency clinic is open 24 hours/day.

Recommended Medications:

B6

B6

Diet suggestions:

Dogs with heart failure accumulate more fluid in their body if they eat large amounts of sodium (salt). Sodium can be found in all foods, but some foods are lower in sodium than others. Many pet treats, people foods, and supplements used to give pills often have more sodium than is desirable - a sheet that has suggestions for low sodium treats can be found on the HeartSmart web site (<http://vet.tufts.edu/heartsmart/diet/>)

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Exercise Recommendations:

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Recheck Visits:

A recheck visit is recommended in 1-2 weeks. At that time we would like to repeat bloodwork in order to recheck her kidney values. This can be done either here or with your primary care veterinarian if more convenient.

A recheck echocardiogram is recommended in 3-4 months.

Thank you for entrusting us with care. Please contact our Cardiology liaison at (508)-887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

Sincerely,

Please visit our HeartSmart website for more information
<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance (508-887-4629) to ensure the food is in stock. Alternatively, veterinary diets can be ordered from

online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmc/clinical-studies

Case: B6

Owner: B6

Discharge Instructions

Report Details - EON-367839

ICSR:	2055788
Type Of Submission:	Initial
Report Version:	FPSR.FDA.PETF.V.V1
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type:	Voluntary
Report Submission Date:	2018-10-08 13:38:04 EDT

Reported Problem:	Problem Description:	Murmur identified by RDVM 7/17/18. Asymptomatic. DCM diagnosed 10/4/18. Has been eating Acana diet. Owner is happy to talk to FDA and to provide more info. Taurine levels pending. Details on diet and treats below: I can tell you, for starters, that B6 was put on a Fromm diet from July of 2015 thru about March of 2016. Since that period, she has been eating only Acana Heritage formula dog food. This contains "0% grain, potato, gluten, meat by-products, and plant protein concentrates" as listed on their label. She has had a variety of flavors from this brand. Primarily, it has been "freshwater fish", "free run poultry", and "meats formula" (beef, pork, and lamb). B6 has also had multiple bags of Acana "meadowland" which is advertised as poultry, fish, and eggs. I have also discovered that all of her treats have been produced by Acana. One is labeled as macarel and greens, another is poultry and monkfish, and the last is lamb, liver, and tripe. I should be able to get some records from our local pet store as they have a rewards program we are part of and all of our purchases from the last three years are on our account.
	Date Problem Started:	10/04/2018
	Concurrent Medical Problem:	No
	Outcome to Date:	Stable

Product Information:	Product Name:	Acana Heritage formula dog food (mostly freshwater fish, free run poultry, and meats (beef, pork, and lamb) formulas. Also, Meadowlands
	Product Type:	Pet Food
	Lot Number:	
	Package Type:	BAG
	Product Use Information:	Description: Owner can provide more details.
	Manufacturer /Distributor Information:	
	Purchase Location Information:	

Animal Information:	Name:	B6
	Type Of Species:	Dog
	Type Of Breed:	Great Dane
	Gender:	Female
	Reproductive Status:	Neutered
	Weight:	42.2 Kilogram
	Age:	B6 years
	Assessment of Prior Health:	Excellent
	Number of Animals Given the Product:	1
	Number of Animals Reacted:	1
	Owner Information:	Owner Information provided: Yes
	Contact: Name: B6	
	Phone:	
	Email:	

		<p>Address: B6 United States</p> <p>Healthcare Professional Information:</p> <p>Practice Name: Tufts Cummings School of Veterinary Medicine</p> <p>Contact: Name: Lisa Freeman Phone: (508) 887-4523 Email: lisa.freeman@tufts.edu</p> <p>Address: 200 Westboro Rd North Grafton Massachusetts 01536 United States</p>
Sender Information:		<p>Name: Lisa Freeman</p> <p>Address: 200 Westboro Rd North Grafton Massachusetts 01536 United States</p> <p>Contact: Phone: 5088874523 Email: lisa.freeman@tufts.edu</p> <p>Permission To Contact Sender: Yes</p> <p>Preferred Method Of Contact: Email</p>
Additional Documents:		<p>Attachment: B6 compiled records.pdf</p> <p>Description: B6 compiled medical records</p> <p>Type: Medical Records</p>

Foster Hospital for Small Animals

55 Willard Street
North Grafton, MA 01536
(508) 839-5395



et

Client:
Address:

B6

All Medical Records

Patient: **B6**
Breed: Great Dane
DOB: **B6**

Species: Canine
Sex: Female
(Spayed)

Home Phone: **B6**
Work Phone: () -
Cell Phone: () **B6**

Referring Information

B6

Client: **B6**
Patient:

Initial Complaint:

Scanned Record

Initial Complaint:

New - Rush - murmur

SOAP Text Oct 4 2018 2:50PM - Rush, John

Disposition/Recommendations

Client:
Patient:

B6

Client: **B6**
Patient:

Cummings
Veterinary Medical Center
AT TUFTS UNIVERSITY

Foster Hospital for Small Animals

55 Willard Street
North Grafton, MA 01536
(508) 839-5395

Client: **B6**
Veterinarian:
Patient ID: **B6**
Visit ID:

Patient:	B6
Species:	Canine
Breed:	Great Dane
Sex:	Female (Spayed)
Age:	B6 Years Old

Lab Results Report

Accession ID:

Test	Results	Reference Range	Units
------	---------	-----------------	-------



3/21

B6

Printed Monday, October 08, 2018

Client: **B6**
Patient:

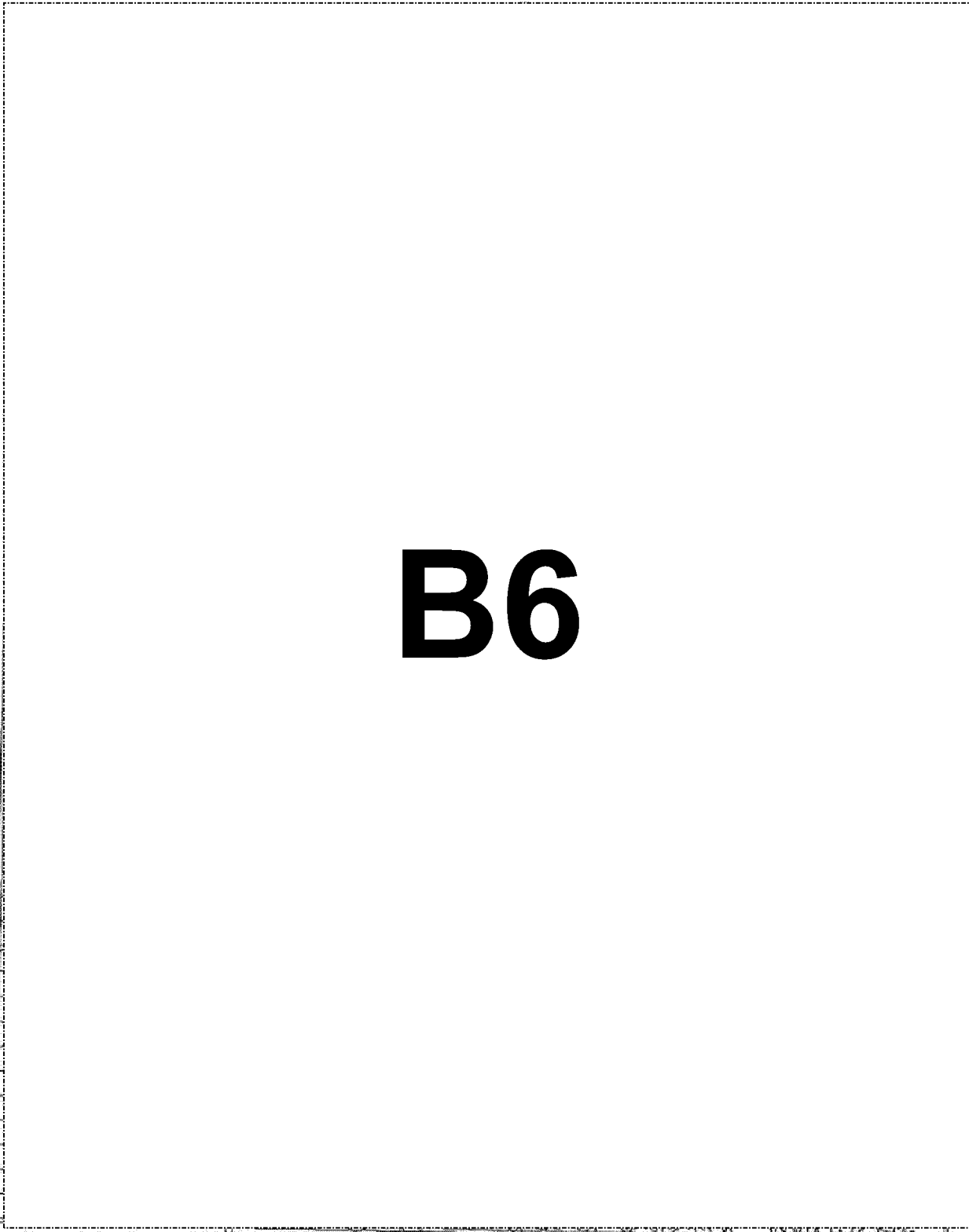
rDVM **B6** AH hx 5/21/15-7/17/18

07/17/2018 05:44

B6

B6 ANIMAL HOSPIT

PAGE 02/05



B6

Client:
Patient:

B6

rDVM **B6** AH hx 5/21/15-7/17/18

07/17/2018 05:44

B6

B6

ANIMAL HOSPIT

PAGE 03/06

B6

Client: **B6**
Patient:

rDVM **B6** AH hx 5/21/15-7/17/18

07/17/2018 05:44

B6

B6 ANIMAL HOSPIT

PAGE 05/06

B6

Printed: July 17, 2018 3:02 PM

Page 1 of 1

B6

Client:
Patient:

B6

rDVM: **B6** AH hx 5/21/15-7/17/18

07/17/2018 05:44

B6

B6

ANIMAL HOSPIT

PAGE 05/05

B6

Printed: June 21, 2017 3:31 PM

Page 1 of 1

B6

Client: **B6**
Patient: **B6**

IDEXX CARDIOPET proBNP 10/4/18

B6

Client: **B6** Patient: **B6**

Client: **B6**
Patient: **B6**
Species: CANINE
Breed: GREAT_DANE
Gender: FEMALE SPAYED
Age: 3Y

Date: 10/04/2018
Requisition #: 434689
Accession: **B6**
Ordered by: RUSH, JOHN

B6
TUFTS UNIVERSITY
200 WESTBORO RD
NORTH GRAFTON, Massachusetts 01536-1828
508-839-5395
Account #80735

CARDIOPET proBNP - CANINE

Test	Unit	Reference Range	Obs	Normal	High
CARDIOPET proBNP - CANINE	B6	0 - 900 pmol/L	HIGH	B6	

Comments:

1
B6

Please note: Complete interpretive comments for all concentrations of Cardiotest proBNP are available in the online directory of services. Serum specimens received at room temperature may have decreased NT-proBNP concentrations.

Client: **B6**
Patient: **B6**

Vitals Results

10/4/2018 2:50:15 PM Weight (kg)
10/4/2018 3:33:56 PM Sedation

B6

Patient History

07/17/2018 03:46 PM Appointment
09/07/2018 04:46 PM Appointment
10/04/2018 02:28 PM UserForm
10/04/2018 02:33 PM UserForm
10/04/2018 02:49 PM Purchase
10/04/2018 02:49 PM Purchase
10/04/2018 02:50 PM Vitals
10/04/2018 02:50 PM Treatment
10/04/2018 02:59 PM UserForm
10/04/2018 03:33 PM Vitals
10/04/2018 03:34 PM Purchase
10/04/2018 04:08 PM Purchase
10/04/2018 04:08 PM Purchase
10/04/2018 04:10 PM Prescription
10/04/2018 04:10 PM Purchase
10/04/2018 04:11 PM Purchase
10/04/2018 04:13 PM Purchase

B6

B6

B6

Female (Spayed)

Canine Great Dane Black

Patient ID: **B6**

STANDARD CONSENT FORM

I am the owner, or agent for the owner, of the above described animal and have the authority to execute consent. I hereby authorize the Cummings School of Veterinary Medicine at Tufts University (herein after Cummings School) to prescribe for treatment of said animal according to the following terms and conditions.

Cummings School and its officers, agents and employees will provide such veterinary medical care as they deem reasonable and appropriate under the circumstances.

Cummings School and its officers, agents, and employees will use all reasonable care in the treatment of the above mentioned animal, but will not be liable for any loss or accident that may occur or any disease that may develop as a result of the care and treatment provided.

I understand that the above identified animal may be treated by Cummings School students under the supervision and assistance of Cummings School staff members.

In executing this form, I hereby expressly acknowledge that risks, benefits and alternative forms of treatment have been explained to me. I understand said explanation, and I consent to treatment. Should any additional treatments or diagnostics be required during the continued care of my animal, I understand that I will be given the opportunity to discuss and consent to these additional procedures. I understand that further or additional treatment may be required without an opportunity for discussion and consideration by me, in the case of the development of any life-threatening emergency during the continued care of my animal and I expressly consent to all such reasonable treatment as required. I realize and understand that results cannot be guaranteed.

If any equipment is left with the animal, it will be accepted with the understanding that Cummings School assumes no responsibility for any loss of equipment that may occur.

I agree to pick up the animal when notified that it is ready for release.

In the event the animal is not picked up, and if ten (10) days have expired since a registered letter was sent to the address given above, notifying me to call for the animal, the animal may be sold or otherwise disposed of in a humane manner and the proceeds applied to the charges incurred in caring and treating the animal. Failure to remove said animal will not and does not relieve me from obligation for the costs of services rendered.

I hereby grant to the Cummings School of Veterinary Medicine at Tufts University, its officers and employees (collectively referred to herein as Cummings School), and its agents and assigns (the Grantees) the irrevocable rights to photograph / videotape the operation or procedure to be performed, including appropriate and otherwise use such photographs and images for, and in connection with, a Grantee's medical, scientific, educational, and publicity purposes, by any means, methods and media (print and electronic) now known or, in the future, developed that the Grantee deems appropriate (provided that such photographs and images may not be used in for-profit commercials, unless such commercials are publicizing educational programs at Cummings School). As medical and surgical treatment necessitates the removal of tissue, cells, fluids or body parts of my animal, I authorize the Grantees to dispose of or use these tissues, cells, fluids or body parts for scientific and educational purposes.

I understand that a FINANCE CHARGE will be applied to all accounts unpaid after 30 days. The FINANCE CHARGE is computed on a monthly rate of 1.33% per month, which is an annual percentage rate of 16% applied to the average daily balance outstanding, with a minimum fee of \$.50.

I do further agree that should any payment, or the full amount of the sum stated above, become overdue more than 20 days from the above-agreed upon time of payment or payments, the entire balance shall be considered in default and become due and payable. I further agree to be responsible for any or all collection agency and/or attorney fees necessary to collect the full amount.

I do further agree to comply with hours of visitation in conjunction with our Hospital's policy.

I have read, understand, and agree to accept the terms and conditions herein.

Owner's name: B6 Date: 10/4/2018

Owner's address: B6

B6

10/4/18
Date

**If the individual admitting the animal is someone other than the legal owner,
please complete the portion below:**

The owner of the animal, B6, has granted me authority to obtain medical treatment and to bind this owner to pay the veterinary medical services provided at Cummings School pursuant to the terms and conditions described above

Authorized Agent - Please Print

Agent's Signature

Street Address

Date

Town/City State Zip

Discharge Instructions

Patient

Name: B6

Species: Canine

Black Female (Spayed) Great Dane

Birthdate: B6

Owner

Name: B6

Address: B6

Patient ID: B6

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6 V19

Admit Date: 10/4/2018 2:27:50 PM

Discharge Date: 10/4/2018

Diagnoses: Dilated cardiomyopathy (DCM) with mitral regurgitation

Clinical Findings:

Thank you for bringing B6 to Tufts today. On presentation B6 was bright, alert, and very nervous. We had to give some sedation to B6 for her exam today, she may be a sleepy when she gets home today. She has normal lung sounds and was panting. Her heart rate was increased (likely excitement), an extra heart sound and grade II/VI heart murmur on the left side and a grade III/VI murmur on the right was heard. On echocardiogram (ultrasound of the heart), the left ventricle is dilated with thickened walls, there is decreased ability of the heart to contract, the left atrium is moderately to markedly enlarged, and there is a moderate amount of mitral and tricuspid regurgitation. No arrhythmias were seen on ECG today.

B6 has been diagnosed with a primary heart muscle disease called dilated cardiomyopathy (DCM). This disease is more common in large and giant breed dogs and is characterized by thinning of the walls of the heart, reduced cardiac pump function, and enlargement of the upper chambers of the heart. Many dogs with DCM will also have significant arrhythmias which can be life-threatening and also require medical management. The heart enlargement can progress to the point of congestive heart failure, meaning that fluid is backing up into the lungs or belly. Unfortunately this is a progressive disease and we usually cannot reverse the changes to the heart muscle, however we can use cardiac medications and some changes to the diet to help delay the onset of heart failure.

Today we performed an NT-proBNP test, BNP is produced when the heart muscles are stretched. We have also checked her taurine levels today, because of the association with the diets that she is on. These results are pending and we will give you a call when they are in. The BNP should be back in 1-2 days; the taurine often takes 10-12 days - so if you have not heard from us in about 12 days then please call.

Monitoring at Home:

We would like you to monitor your dog's breathing rate and effort at home, ideally during sleep or at a time of rest.

In general, most dogs have a breathing rate at rest of less than 35 breaths per minute. In addition, the breathing effort, noted by the amount of belly wall motion used for each breath, is fairly minimal. If you notice fast or labored breathing then a chest x-ray should be performed.

We want you to watch for weakness or collapse, a reduction in appetite, worsening cough, or distention of the belly as these findings indicate that we should do a recheck examination.

If you have any concerns, please call or have your dog evaluated by a veterinarian. Our emergency clinic is open 24 hours/day.

Diet Suggestions:

Today we discussed the fact that there seem to be a relationship between grain free diet, diets with exotic protein sources, and DCM. We recommend switching from a grain free diet. At this moment we are unsure of the cause of the connection, some studies have indicated low taurine levels in the food. If taurine is the cause, there is potential for some reversal of her heart disease. We have checked her taurine levels today, and results are pending. If results are low, supplementation long term may be required.

Some Diet Change Recommendations

Canned Options

Hills Science Diet Adult Beef & Barely Entree

Hills Science Diet Adult 1-6 Healthy Cuisine Roasted Chicken, Carrots & Spinach Stew

Dry Options

Royal Canin Early Cardiac

Purina Pro Plan Adult Weight Management

A sheet that has suggestions for low sodium, heart healthy, treats and diets can also be found on the HeartSmart web site (<http://vet.tufts.edu/heartsmart/diet/>)

Here is a link to a blog by our nutritionist with more information about the association between diet and DCM on Petfoodology.

"A broken heart risk of heart disease in boutique or grain free diets and exotic ingredients"

<http://vetnutrition.tufts.edu/2018/06/a-broken-heart-risk-of-heart-disease-in-boutique-or-grain-free-diets-and-exotic-ingredients/>

If it is possible for you to bring a sample of her food to us for analyzing and reporting to the FDA.

Exercise Recommendations:

B6 can continue with her normal activity level, we recommend that she not exercise to the point of exhaustion.

Recommended Medications:

B6

Recheck Visits: A recheck echocardiogram is recommended in 3-4 months. At this time we will reassess her heart disease and changes in medication or additional medications may be required. We gave you a prescription for **B6** to give before the visit - this may calm her down just a bit and we might be able to get away without sedation. Give the **B6** at home on a trial at home to see the response; if good (quieter, not more excitable) then give a dose the night before and a dose (2 capsules) the morning of the next visit.

Thank you for entrusting us with **B6** care. Please contact our Cardiology liaison at (508) 887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

Please visit our HeartSmart website for more information
<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance (508-887-4629) to ensure the food is in stock. Alternatively, veterinary diets can be ordered from online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmc/clinical-studies

Case: **B6**

Owner: **B6**

Discharge Instructions

B6

Patient ID: **B6**

B6 Canine
years Old Female (Spayed) Great Dane
Black

Cardiology Appointment Report

Date: **B6**

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC (primary)

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: **B6** V19

Presenting Complaint: Murmur II/VI

First heard **B6** zero change in behavior, has always been happy and healthy. No other concerns.

Concurrent Diseases: No other diseases

General Medical History:

Other wise normal, UTD on HWP (heartgard) and vaccines.

Diet and Supplements:

Acana, Fromm, dry food, Kongs with peanut butter, carrots
no supplements

Cardiovascular History:

Prior CHF diagnosis? N

Prior heart murmur? Y

Prior ATE? N

Prior arrhythmia? N

Monitoring respiratory rate and effort at home? N

Cough? N

Shortness of breath or difficulty breathing? N

Syncope or collapse? N

Sudden onset lameness? N

Exercise intolerance? N

Current Medications Pertinent to CV System:

No medications

Cardiac Physical Examination:

B6

Muscle condition:

- Normal
- Mild muscle loss
- Moderate cachexia
- Marked cachexia

Cardiovascular Physical Exam:

Murmur Grade:

- None
- I/VI
- II/VI
- III/VI
- IV/VI
- V/VI
- VI/VI

Murmur location/description: Left apical II/VI has a musical component - also heard III/VI on right side low frequency rumbling murmur

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck
- 1/2 way up the neck
- Top 2/3 of the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong
- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other:

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats
- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent
- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds
- Pulmonary crackles
- Wheezes
- Upper airway stridor

Abdominal exam:

- Normal
- Hepatomegaly
- Mild ascites
- Marked ascites

Abdominal distension

Problems:

Hx: Murmur II/VI (rDVM)

Differential Diagnoses:

B6

Assessment and recommendations:

Echocardiogram findings are consistent with dilated cardiomyopathy. The patient was very tachycardiac during the echocardiogram. Because today's findings are consistent with DCM and the patient is on a grain-free diet, the DCM protocol is recommended. Blood was pulled and submitted for a taurine level today. Discussed with the owner that the patient should not be on a grain free diet anymore and taurine supplementation should be started while we are waiting for the result of the test. B6

BID should be started. Recheck echocardiogram in 3 months or sooner if the patient develops clinical signs consistent with worsening heart disease such as increased RR/RE, cough, exercise intolerance, or syncope.

Final Diagnosis:

- Occult DCM r/o genetic vs. diet related.
- Murmur due to secondary mitral regurgitation

Heart Failure Classification Score:

ISACHC Classification:

- Ia
- Ib

- IIIa
- IIIb

II

ACVIM Classification:

- A
- B1
- B2

- C
- D

M-Mode

IVSd

LVIDd

LVPWd

IVSs

LVIDs

LVPWs

%FS

Ao Diam

LA Diam

LA/Ao

Max LA

EPSS

B6

cm
cm
cm
cm
cm
cm
cm
%
cm
cm
cm
cm

M-Mode Normalized

IVSdN

LVIDdN

LVPWdN

IVSsN

LVIDsN

LVPWsN

Ao Diam N

LA Diam N

B6

{0.29 - 0.52} !
{1.35 - 1.73} !
{0.33 - 0.53}
{0.43 - 0.71}
{0.79 - 1.14} !
{0.53 - 0.78}
{0.68 - 0.89}
{0.64 - 0.90} !

2D

IVSd

LVIDd

LVPWd

EDV(Teich)

IVSs

LVIDs

LVPWs

ESV(Teich)

EF(Teich)

%FS

SV(Teich)

LVld LAX

LVAd LAX

LVEDV A-L LAX

LVEDV MOD LAX

B6

cm
cm
cm
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%
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ml
cm
cm
ml
ml

LVLs LAX
LVA_s LAX
LVESV A-L LAX
LVESV MOD LAX
HR
EF A-L LAX
LVEF MOD LAX
SV A-L LAX
SV MOD LAX
CO A-L LAX
CO MOD LAX
LV Diameter
LV Length

Doppler

MR Vmax
MR maxPG
AV Vmax
AV maxPG

B6

B6

cm
cm
ml
ml
BPM
%
%
ml
ml
l/min
l/min
cm
cm

m/s
mmHg
m/s
mmHg

Cummings
Veterinary Medical Center
AT TUFTS UNIVERSITY

B6

Foster Hospital for Small Animals
55 Willard Street
North Grafton, MA 01536
Telephone (508) 839-5395
Fax (508) 839-7951
<http://vetmed.tufts.edu/>

B6 Female (Spayed)
Canine Great Dane Black
B6

B6

Dear **B6**

Thank you for referring **B6** with their pet **B6**.

If you have any questions, or concerns, please contact us at 508-887-4988.

Thank you,

John Rush DVM, DACVIM (Cardiology), DACVECC

From: Related PFR Event <pfrsignificantactivitycreation@fda.hhs.gov>
To: Rotstein, David; Cleary, Michael *; HQ Pet Food Report Notification;
B6
Sent: 6/10/2019 8:12:52 PM
Subject: Acana Heritage formula dog food (mostly freshwater fish: Lisa Freeman - EON-390089
Attachments: 2068034-report.pdf; 2068034-attachments.zip

A PFR Report has been received and Related PFR Event [EON-390089] has been created in the EON System.

A "PDF" report by name "2068034-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2068034-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-390089

ICSR #: 2068034

EON Title: Related PFR Event created for Acana Heritage formula dog food (mostly freshwater fish free run poultry and meats (beef pork and lamb) formulas. Also Meadowlands; 2068034

AE Date	10/04/2018	Number Fed/Exposed	1
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Stable
Breed	Great Dane		
Age	B6 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2068034

Product Group: Pet Food

Product Name: Acana Heritage formula dog food (mostly freshwater fish, free run poultry, and meats (beef, pork, and lamb) formulas. Also, Meadowlands

Description: Murrur identified by RDVM 7/17/18. Asymptomatic. DCM diagnosed 10/4/18. Has been eating Acana diet. Owner is happy to talk to FDA and to provide more info. Taurine levels pending. Details on diet and

treats below: I can tell you, for starters, that **B6** was put on a Fromm diet from July of 2015 thru about March of 2016. Since that period, she has been eating only Acana Heritage formula dog food. This contains "0% grain, potato, gluten, meat by-products, and plant protein concentrates" as listed on their label. She has had a variety of flavors from this brand. Primarily, it has been "freshwater fish", "free run poultry", and "meats formula" (beef, pork, and lamb). **B6** has also had multiple bags of Acana "meadowland" which is advertised as poultry, fish, and eggs. I have also discovered that all of her treats have been produced by Acana. One is labeled as macarel and greens, another is poultry and monkfish, and the last is lamb, liver, and tripe. I should be able to get some records from our local pet store as they have a rewards program we are part of and all of our purchases from the last three years are on our account.

Submission Type: Followup

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Stable

Number of Animals Treated With Product: 1

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Acana Heritage formula dog food (mostly freshwater fish, free run poultry, and meats (beef, pork, and lamb) formulas. Also, Meadowlands		

This report is linked to:

Initial EON Event Key: EON-367839

Initial ICSR: 2055788

Sender information

Lisa Freeman
200 Westboro Rd
North Grafton, MA 01536
USA

Owner information

B6

USA

To view this Related PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-390089>

To view the Related PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspa?decorator=none&e=0&issueType=10100&issueId=407361&parentIssueTypeId=12>

This email and attached document are being provided to you in your capacity as a Commissioned Official with

the U.S. Department of Health and Human Services as authorized by law. You are being provided with this information pursuant to your signed Acceptance of Commission.

This email message is intended for the exclusive use of the recipient(s) named above. It may contain information that is protected, privileged, or confidential. Any dissemination, distribution, or copying is strictly prohibited.

The information is provided as part of the Federal-State Integration initiative. As a Commissioned Official and state government official, you are reminded of your obligation to protect non-public information, including trade secret and confidential commercial information that you receive from the U.S. Food and Drug Administration from further disclosure. The information in the report is intended for situational awareness and should not be shared or acted upon independently. Any and all actions regarding this information should be coordinated through your local district FDA office.

Failure to adhere to the above provisions could result in removal from the approved distribution list. If you think you received this email in error, please send an email to FDAREportableFoods@fda.hhs.gov immediately.

Report Details - EON-390089

ICSR:	2068034
Type Of Submission:	Followup
Report Version:	FPSR.FDA.PETF.V.V1
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type:	Voluntary
Report Submission Date:	2019-06-10 16:05:54 EDT
Initial Report Date:	10/08/2018
Parent ICSR:	2055788
Follow-up Report to FDA Request:	Yes

Reported Problem:	Problem Description:	Murmur identified by RDVM 7/17/18. Asymptomatic. DCM diagnosed 10/4/18. Has been eating Acana diet. Owner is happy to talk to FDA and to provide more info. Taurine levels pending. Details on diet and treats below: I can tell you, for starters, that B6 was put on a Fromm diet from July of 2015 thru about March of 2016. Since that period, she has been eating only Acana Heritage formula dog food. This contains "0% grain, potato, gluten, meat by-products, and plant protein concentrates" as listed on their label. She has had a variety of flavors from this brand. Primarily, it has been "freshwater fish", "free run poultry", and "meats formula" (beef, pork, and lamb); B6 has also had multiple bags of Acana "meadowland" which is advertised as poultry, fish, and eggs. I have also discovered that all of her treats have been produced by Acana. One is labeled as macarel and greens, another is poultry and monkfish, and the last is lamb, liver, and tripe. I should be able to get some records from our local pet store as they have a rewards program we are part of and all of our purchases from the last three years are on our account.
	Date Problem Started:	10/04/2018
	Concurrent Medical Problem:	No
	Outcome to Date:	Stable

Product Information:	Product Name:	Acana Heritage formula dog food (mostly freshwater fish, free run poultry, and meats (beef, pork, and lamb) formulas. Also, Meadowlands
	Product Type:	Pet Food
	Lot Number:	
	Package Type:	BAG
	Product Use Information:	Description: Owner can provide more details.
	Manufacturer /Distributor Information:	
	Purchase Location Information:	

Animal Information:	Name:	B6
	Type Of Species:	Dog
	Type Of Breed:	Great Dane
	Gender:	Female
	Reproductive Status:	Neutered
	Weight:	42.2 Kilogram
	Age:	B6 Years
	Assessment of Prior Health:	Excellent
	Number of Animals Given the Product:	1
	Number of Animals Reacted:	1
Owner Information:	Owner Yes	

		Information provided: Contact: Name: B6 Phone: B6 Email: B6 Address: B6 United States
	Healthcare Professional Information:	Practice Name: Tufts Cummings School of Veterinary Medicine Contact: Name: Lisa Freeman Phone: (508) 887-4523 Email: lisa.freeman@tufts.edu Address: 200 Westboro Rd North Grafton Massachusetts 01536 United States
Sender Information:	Name: Lisa Freeman Address: 200 Westboro Rd North Grafton Massachusetts 01536 United States Contact: Phone: 5088874523 Email: lisa.freeman@tufts.edu Permission To Contact Sender: Yes Preferred Method Of Contact: Email	
Additional Documents:	Attachment: Recheck ECG.pdf Description: ECG Type: Medical Records Attachment: Follow-up med records pt 2.pdf Description: Med Records Type: Medical Records Attachment: Follow-up med records pt 1.pdf Description: Med Records Type: Medical Records	

Discharge Instructions

Patient

Name: B6

Species: Canine

Black Female (Spayed) Great Dane

Birthdate: B6

Owner

Name: B6

Address: B6

Patient ID: B6

Attending Cardiologist: John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6 V19

Admit Date: 1/15/2019 9:42:49 AM

Discharge Date: 1/15/2019

Diagnoses: Dilated cardiomyopathy (DCM) with mitral regurgitation**Clinical Findings:**

Thank you for bringing B6 to Tufts today. On presentation B6 was bright, alert, and nervous. She has normal lung sounds and was panting. Her heart rate was increased (likely stress/excitement) and we were still able to hear the same II/VI heart murmur on the left side of chest, and an extra heart sound (gallop). On echocardiogram B6 the left ventricle is still dilated with thinned walls and there is decreased ability of the heart to contract. The left atrium is moderately to markedly enlarged and there is also some mitral and tricuspid regurgitation. We performed her echocardiogram standing and without sedation (in comparison to last visit where she was sedated and lying down) so while her measurements were slightly worse today, there may be some mild variability due to her positioning and lack of sedation.

Since she has remained stable, or possibly slightly worse, since her last visit, we recommend starting another medication B6 at this time to help slow the progression to heart failure and help minimize changes within the heart.

Today we performed a blood test to assess B6 kidneys prior to starting the new medication. We also are running an NT-proBNP test to continue to monitor stretch within the heart muscle. She had this test performed at her last visit and so by checking it again after seeing that her DCM may have worsened, it would be beneficial to see if this test reflects what we are seeing on echocardiogram, or if her BNP values are improving despite the changes that we are seeing.

Monitoring at Home:

We would like you to monitor your dog's breathing rate and effort at home, ideally during sleep or at a time of rest.

In general, most dogs have a breathing rate at rest of less than 35 breaths per minute. In addition, the breathing effort, noted by the amount of belly wall motion used for each breath, is fairly minimal. If you notice fast or labored breathing then a chest x-ray should be performed.

We want you to watch for weakness or collapse, a reduction in appetite, worsening cough, or distention of the belly as these findings indicate that we should do a recheck examination. If you have any concerns, please call or have your dog evaluated by a veterinarian. Our emergency clinic is open 24 hours/day.

Diet Suggestions:

As long as B6 is still enjoying the Royal Canin Early Cardiac diet, please continue to feed her this at home.

Exercise Recommendations:

B6 can continue with her normal activity level, we recommend that she not exercise to the point of exhaustion.

Recommended Medications:

B6

Recheck Visits: 10-14 days after getting to twice a day on the B6 we would recommend a blood test for kidney values and electrolytes - this can be done here as a technician appointment (send an email to the email address below to set up), or it can be done at your primary care veterinarian. As long as B6 is doing well at home, we would like to see her back in 3 months. At this visit we will want to check breathing effort and heart function, as well as another echocardiogram and blood test.

Thank you for entrusting us with B6 care. Please contact our Cardiology liaison at (508)-887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

Please visit our HeartSmart website for more information

<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance (508-887-4629) to ensure the food is in stock. Alternatively, veterinary diets can be ordered from online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmc/clinical-studies

Case: B6

Owner: B6

Discharge Instructions

B6

Patient ID: **B6**

B6

Canine

Years Old Female (Spayed) Great Dane
Black

Cardiology Appointment Report
ENROLLED IN DCM STUDY

Date: 1/15/2019

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC (primary)

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: **B6** V19

Presenting Complaint: Recheck DCM

Concurrent Diseases: None

General Medical History:

B6 is here today for a recheck of her DCM which was diagnosed **B6** on echo after being referred to Tufts Cardiology for a murmur. Since then owner reports she is doing well at home but maybe has some increased exercise intolerance. No coughing, collapse, or increased respiratory rate/ effort.

Diet and Supplements:

Early Cardiac RC Diet - 3c 2x/d

Cardiovascular History:

Prior CHF diagnosis? No

Prior heart murmur? Yes

Prior ATE? No

Prior arrhythmia? No

Monitoring respiratory rate and effort at home? Yes - Around 20bpm when resting.

Cough? No

Shortness of breath or difficulty breathing? No

Syncope or collapse? No

Sudden onset lameness? No

Exercise intolerance? Yes - Only wants to play for a few minutes, stops sooner than before.

Current Medications Pertinent to CV System:

Medication: B6

Formulation/Tab Size: B6

Administration Frequency: 1 tab q12h

Need refills? Yes

Cardiac Physical Examination:

B6

Muscle condition:

- Normal
- Mild muscle loss
- Moderate cachexia
- Marked cachexia

Cardiovascular Physical Exam:

Murmur Grade:

- None
- I/VI
- II/VI
- III/VI
- IV/VI
- V/VI
- VI/VI

Murmur location/description: Can be heard on left and right side; has a musical component

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck
- 1/2 way up the neck
- Top 2/3 of the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong
- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other:

Arrhythmia: Suspect sinus tachycardia on exam and during echo - ECG not done today

- None
- Sinus arrhythmia
- Premature beats
- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent
- Pronounced
- Other:

Pulmonary assessments: Panting/excited but less excited than without B6

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds
- Pulmonary crackles
- Wheezes
- Upper airway stridor

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension
- Mild ascites
- Marked ascites

Problems:

DCM with secondary mitral regurgitation

Diagnostic plan:

- Echocardiogram
- Chemistry profile
- ECG
- Renal profile +/-
- Blood pressure
- Dialysis profile
- Thoracic radiographs
- NT-proBNP
- Troponin I
- Other tests:

Echocardiogram Findings:

General/2-D findings:

Brief echo exam - no obvious change. No pericardial or pleural effusion. If anything the heart is a bit bigger.

ECG findings:

Not done today

Assessment and recommendations:

DCM with soem mitral regurgitation and exercise limitation. No major change from before - the findings today could indicate mild progression of disease or may be a combination of sedated echo and on table for first exam and standing unsedated echo today. Recommend continue pimobendan and add in

B6

Heart Failure Classification Score:

ISACHC Classification:

- Ia
- Ib
- II
- IIIa
- IIIb

ACVIM Classification: Exercise limitation suggests low output

- A
- B1
- B2
- C
- D

B6

B6 Female (Spayed)
Canine Great Dane Black
Patient ID: **B6**

Outside Prescription Log

1. Date: 03/19/2019
Clinician: John Rush
Prescription: **B6**
Pharmacy sent to: **B6**
Completed by: **B6**
B6

2. Date:
Clinician:
Prescription:
Pharmacy sent to:
Completed by:
Origin of request:

3. Date:
Clinician:
Prescription:
Pharmacy sent to:
Completed by:
Origin of request:

4. Date:
Clinician:
Prescription:
Pharmacy sent to:
Completed by:
Origin of request:

5. Date:
Clinician:
Prescription:
Pharmacy sent to:
Completed by:
Origin of request:

6. Date:
Clinician:
Prescription:
Pharmacy sent to:
Completed by:
Origin of request:

7. Date:
Clinician:
Prescription:
Pharmacy sent to:
Completed by:
Origin of request:

8. Date:
Clinician:
Prescription:
Pharmacy sent to:
Completed by:
Origin of request:

9. Date:
Clinician:
Prescription:
Pharmacy sent to:
Completed by:
Origin of request:

10. Date:
Clinician:
Prescription:
Pharmacy sent to:
Completed by:
Origin of request:

Discharge Instructions

Patient

Name: B6

Species: Canine

Black Female (Spayed) Great Dane

Birthdate: B6

Owner

Name: B6

Address: B6

Patient ID: B6

Attending Cardiologist: John E. Bush, DVM, MS, DACVIM (Cardiology), DACVET

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6 v20

Date: 4/18/2019

Diagnoses: Dilated cardiomyopathy (DCM) with mitral regurgitation**Clinical Findings:**

Thank you for bringing B6 to Tufts today. On presentation B6 was bright, alert, and a bit excited. Her lungs sound normal, but her heart rate was increased (likely due to excitement). On physical exam, we were still able to hear the same II/VI heart murmur on the left side of chest. Since her last visit, you report that she is she has remained stable, and still has a good appetite and a great deal of energy at home!

On echocardiogram (ultrasound of the heart), we found that B6 left ventricle is still dilated and has thinned walls, with measurements similar to her previous exam. Her heart has a decreased ability to contract, as well. Our findings indicate that B6 DCM (dilated cardiomyopathy) is stable compared to last time. She still has significant heart disease, but we are pleased to see that there is no worsening. We performed an EKG to look at the electrical activity of her heart. We found that while her heart beats at a rapid rate (tachycardia), there is no evidence of an abnormal rhythm (arrhythmia).

We performed bloodwork to assess B6 NT-proBNP (to monitor stretch within the heart muscle) and troponin (to monitor damage to the heart). We will call you with these results. If you have not heard from us within 1-2 weeks, please give us a call.

For B6 next visit, you can consider giving 900 mg (three 300 mg capsules) of B6 in the night before and the morning of her re-check appointment. This will help curb her excitement and allow her to feel a bit more comfortable during her examination.

Monitoring at Home:

We would like you to monitor your dog's breathing rate and effort at home, ideally during sleep or at a time of rest. In general, most dogs have a breathing rate at rest of less than 35 breaths per minute. In addition, the breathing effort, noted by the amount of belly wall motion used for each breath, is fairly minimal. If you notice fast or labored breathing, please contact your veterinarian as soon as possible.

Please notify us if B6 experiences weakness or collapse, a reduction in appetite, worsening cough, or distention of the belly, as these findings indicate that you should have her seen by a veterinarian as soon as possible. If you have any concerns, please call or have your dog evaluated by a veterinarian. Our emergency clinic is open 24 hours/day.

Diet Suggestions:

As long as B6 is still enjoying the Royal Canin Early Cardiac diet, please continue to feed her this at home.

Exercise Recommendations:

B6 can continue with her normal activity level, but we recommend that she not exercise to the point of exhaustion.

Recommended Medications:

B6

Recheck Visits: We would like to see B6 back in 3 months for a recheck for the DCM study. When we call you with B6 blood work results we will schedule this appointment for the end of July. You can also email us at cardiovet@tufts.edu for non-emergent questions or concerns.

Thank you for entrusting us with B6 care. She is such a sweet girl.

Please visit our HeartSmart website for more information

<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance (508-887-4629) to ensure the food is in stock. Alternatively, veterinary diets can be ordered from online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmc/clinical-studies

Case: B6

Owner: B6

Discharge Instructions

B6

Patient ID: B6

B6

Canine

years Old Female (Spayed) Great Dane
Black

**Cardiology Appointment Report
DCM STUDY RECHECK**

Date: 4/18/2019

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6 v20

Presenting Complaint: Recheck DCM w/ mitral regurgitation (II/VI murmur)

Concurrent Diseases: None

General Medical History: B6 is presenting today for a DCM recheck (diagnosed 10/4/18) on echo after referral to our service. She received B6 capsules of 300mg?) prior to today's visit.

Diet and Supplements:

Early Cardiac RC diet - 3 cups 2x/d

Hides pills in meatball or piece of cheese

Peanut butter - no sodium, all natural

Cardiovascular History:

Prior CHF diagnosis? no

Prior heart murmur? yes

Prior ATE? no

Prior arrhythmia? no

Monitoring respiratory rate and effort at home?

Cough? No - maybe in winter time when it was super cold & she ran around?

Shortness of breath or difficulty breathing? No

Syncope or collapse? no

Sudden onset lameness? no

Exercise intolerance? Not particularly - still hyper, runs in backyard, etc. Not increased since diagnosis

Current Medications Pertinent to CV System:

Medication: B6
Formulation/Tab Size: B6
Administration Frequency: B6
Need refills? No

Medication: B6
Formulation/Tab Size: B6
Administration Frequency: B6
Need refills? No

Cardiac Physical Examination:

B6

Muscle condition:

- Normal
- Mild muscle loss
- Moderate cachexia
- Marked cachexia

Cardiovascular Physical Exam:

- Murmur Grade:**
- None
 - I/VI
 - II/VI to
 - III/VI
 - IV/VI
 - V/VI
 - VI/VI

Murmur location/description: systolic left apical, high pitched

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck
- 1/2 way up the neck
- Top 2/3 of the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong
- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other:

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats
- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent
- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds
- Pulmonary crackles
- Wheezes
- Upper airway stridor

Abdominal exam:

- Normal - tight & tucked up
- Hepatomegaly
- Abdominal distension
- Mild ascites
- Marked ascites

Problems:

- DCM with mitral valve regurgitation

Diagnostic plan:

- Echocardiogram
- Chemistry profile
- ECG
- Renal profile
- Blood pressure
- Dialysis profile
- Thoracic radiographs
- NT-proBNP/study blood
- Troponin I
- Other tests

Echocardiogram Findings:

B6

Mitral inflow:

- Summated
- Normal
- Delayed relaxation
- Pseudonormal
- Restrictive

B6

Assessment and recommendations:

Echocardiogram reveals similar structural changes compared to previous exam. Recommend continuing current medications. If BNP is markedly increased from previous exam then we may consider having the owners have **B6** on hand at home. Continue RC early cardiac. Recheck echocardiogram in 3 months or sooner if the patient develops clinical signs consistent with worsening heart disease such as increased RR/RE, cough, exercise intolerance, or syncope.

Final Diagnosis:

- Occult DCM with MR (r/o genetic vs. diet related.)

Heart Failure Classification Score:

ISACHC Classification:

- Ia
- IIIa

- Ib
- II

IIIb

ACVIM Classification:

- A
- B1
- B2

- C
- D

M-Mode

- IVSd
- LVIDd
- LVPWd
- IVSs
- LVIDs
- LVPWs
- EDV(Teich)
- ESV(Teich)
- EF(Teich)
- %FS
- SV(Teich)
- Ao Diam
- LA Diam
- LA/Ao
- Max LA
- EPSS

B6

- cm
- cm
- cm
- cm
- cm
- cm
- ml
- ml
- %
- %
- ml
- cm
- cm
- cm
- cm

M-Mode Normalized

- IVSdN
- LVIDdN
- LVPWdN
- IVSsN
- LVIDsN
- LVPWsN
- Ao Diam N
- LA Diam N

B6

- (0.290 - 0.520)
- (1.350 - 1.730) !
- (0.330 - 0.530)
- (0.430 - 0.710)
- (0.790 - 1.140) !
- (0.530 - 0.780)
- (0.680 - 0.890)
- (0.640 - 0.900) !

2D

- SA LA
- Ao Diam
- SA LA / Ao Diam
- IVSd
- LVIDd
- LVPWd
- EDV(Teich)
- IVSs

B6

- cm
- cm
- cm
- cm
- cm
- ml
- cm

LVIDs
LVPWs
ESV(Teich)
EF(Teich)
%FS
SV(Teich)
LVld A4C
LVEDV MOD A4C
LVLS A4C
LVESV MOD A4C
LVEF MOD A4C
SV MOD A4C

B6

cm
cm
ml
%
%
ml
cm
ml
cm
ml
%
ml

Doppler
MR Vmax
MR maxPG
AV Vmax
AV maxPG
PV Vmax
PV maxPG

B6

m/s
mmHg
m/s
mmHg
m/s
mmHg

Client:
Patient:

B6

ECG from cardio

B6

4/18/2019 4:40:13 PM

Page 1 of 2

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

Client: **B6**
Patient:

ECG from cardio

B6

4/18/2019 4:40:13 PM

Page 2 of 2

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

From: PFR Event <pfpreventcreation@fda.hhs.gov>
To: Cleary, Michael *; HQ Pet Food Report Notification; B6
Sent: 5/28/2019 8:18:00 PM
Subject: Fromm Game Bird Recipe Dog - Four-Star - Dry -Grain-Free formula; B6
B6 - EON-388971
Attachments: 2067510-report.pdf; 2067510-attachments.zip

A PFR Report has been received and PFR Event [EON-388971] has been created in the EON System.

A "PDF" report by name "2067510-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2067510-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-388971

ICSR #: 2067510

EON Title: PFR Event created for Fromm Game Bird Recipe Dog · Four-Star · Dry Grain-Free formula; 2067510

AE Date	04/16/2019	Number Fed/Exposed	1
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Stable
Breed	Hound (unspecified)		
Age	B6 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2067510

Product Group: Pet Food

Product Name: Fromm Game Bird Recipe Dog · Four-Star · Dry Grain-Free formula

Description: Patient presented to rDVM for evaluation of abdominal distension x 5 weeks and increase in respiratory rate and effort. FAST scan revealed moderate ascites. Patient was referred to Tufts for further evaluation. Findings consistent with advanced DMVD with suspect L-CHF and poor contractile function. Considering LA enlargement and severity of MR and AI, we would expect a better systolic function.

B6

is recommended. Mild respiratory effort and occasional b-lines vote in favor to L-CHF. There is enough cardiac changes to justify L and R CHF. Since patient is on a BEG diet, it is unclear whether diet is playing a role on decreased contractile function. Recommend transition to a grain-based, low sodium diet and consider Taurine supplementation. Abdominocentesis was performed (5 liters of serous sanguineous fluid) and analysis is recommended. Recommend hospitalization, patient on telemetry monitoring and respiratory watch. Fluid check in the morning and kidney values daily while in the hospital. Since patient is on a BEG diet, recommend transition to a grain-based, low sodium diet.

Submission Type: Initial

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Stable

Number of Animals Treated With Product: 1

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Fromm Game Bird Recipe Dog · Four-Star · Dry Grain-Free formula		

Sender information

B6

USA

Owner information

B6

USA

To view this PFR Event, please click the link below:

<https://eon.fda.gov/eon//browse/EON-388971>

To view the PFR Event Report, please click the link below:

<https://eon.fda.gov/eon//EventCustomDetailsAction!viewReport.jspx?decorator=none&e=0&issueType=12&issueId=406148>

This email and attached document are being provided to you in your capacity as a Commissioned Official with the U.S. Department of Health and Human Services as authorized by law. You are being provided with this information pursuant to your signed Acceptance of Commission.

This email message is intended for the exclusive use of the recipient(s) named above. It may contain information that is protected, privileged, or confidential. Any dissemination, distribution, or copying is strictly prohibited.

The information is provided as part of the Federal-State Integration initiative. As a Commissioned Official and

state government official, you are reminded of your obligation to protect non-public information, including trade secret and confidential commercial information that you receive from the U.S. Food and Drug Administration from further disclosure. The information in the report is intended for situational awareness and should not be shared or acted upon independently. Any and all actions regarding this information should be coordinated through your local district FDA office.

Failure to adhere to the above provisions could result in removal from the approved distribution list. If you think you received this email in error, please send an email to FDAREportableFoods@fda.hhs.gov immediately.

Report Details - EON-388971

ICSR:	2067510
Type Of Submission:	Initial
Report Version:	FPSR.FDA.PETF.V.V1
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type:	Voluntary
Report Submission Date:	2019-05-28 16:06:22 EDT

Reported Problem:	Problem Description:	Patient presented to rDVM for evaluation of abdominal distension x 5 weeks and increase in respiratory rate and effort. FAST scan revealed moderate ascites. Patient was referred to Tufts for further evaluation. Findings consistent with advanced DMVD with suspect L-CHF and poor contractile function. Considering LA enlargement and severity of MR and AI, we would expect a better systolic function. B6 is recommended. Mild respiratory effort and occasional coughs were noted in favor of L-CHF. There is enough cardiac changes to justify L and R CHF. Since patient is on a BEG diet, it is unclear whether diet is playing a role on decreased contractile function. Recommend transition to a grain-based, low sodium diet and consider Taurine supplementation. Abdominocentesis was performed (5 liters of serous sanguineous fluid) and analysis is recommended. Recommend hospitalization, patient on telemetry monitoring and respiratory watch. Fluid check in the morning and kidney values daily while in the hospital. Since patient is on a BEG diet, recommend transition to a grain-based, low sodium diet.
	Date Problem Started:	04/16/2019
	Concurrent Medical Problem:	Yes
	Pre Existing Conditions:	B6
	Outcome to Date:	Stable

Product Information:	Product Name:	Fromm Game Bird Recipe Dog - Four-Star - Dry Grain-Free formula
	Product Type:	Pet Food
	Lot Number:	
	Package Type:	BAG
	Product Use Information:	
	Manufacturer /Distributor Information:	
	Purchase Location Information:	

Animal Information:	Name:	
	Type Of Species:	Dog
	Type Of Breed:	Hound (unspecified)
	Gender:	Male
	Reproductive Status:	Neutered
	Weight:	38.9 Kilogram
	Age:	B6 Years
	Assessment of Prior Health:	Good
	Number of Animals Given the Product:	1
	Number of Animals Reacted:	1
	Owner Information:	Owner Information Yes

		provided:
	Contact:	Name: B6
		Phone: B6
	Address:	B6
		United States
Healthcare Professional Information:	Practice Name:	Tufts Cummings School of Veterinary Medicine
	Contact:	Name: B6
		Phone: B6
		Email: B6
	Address:	200 Westboro Road North Grafton Massachusetts 01536 United States
	Practice Name:	Tufts University Cummings School of Veterinary Medicine
	Contact:	Name: Lisa Freeman
		Phone: (508) 887-4696
	Address:	200 Westboro Road North Grafton Massachusetts 01536 United States
	Permission to Release Records to FDA:	Yes
Sender Information:	Name:	B6
	Address:	200 Westboro Road North Grafton Massachusetts 01536 United States
	Contact:	Phone: B6
		Email: B6
	Permission To Contact Sender:	Yes
Preferred Method Of Contact:	Email	
Reported to Other Parties:	None	
Additional Documents:	Attachment:	Med Rec Pt 1.pdf
	Description:	Medical records
	Type:	Medical Records
	Attachment:	Med Rec Pt 3.pdf
	Description:	Medical Records
	Type:	Medical Records
	Attachment:	Med Rec Pt 4.pdf
	Description:	Medical Records
	Type:	Medical Records
	Attachment:	Med Rec Pt 5.pdf

Description: Medical Records

Type: Medical Records

All Medical Records

Client: **B6**
Address: **B6**

Patient: **B6**
Breed: **Freeing Walker Coonhound**
DOB: **B6**

Species: Canine
Sex: Male
(Neutered)

Home Phone: **B6**
Work Phone: **B6**
Cell Phone: **B6**

B6

Referring Information

B6

Client: **B6**
Patient: **B6**

Initial Complaint:

Emergency

SOAP Text **B6** 8:59AM **B6**

aPTT (ER) - Whole Blood * **B6**
PT (ER) - Whole Blood * **B6**
Modified Soap Entry

B6 8:59:25 AM NEW VISIT (ER)
Doctor: **B6**
Student: **B6**
Presenting complaint: **B6**

Visit is a referral: Yes
Bloodwork completed prior to arrival: none

Exam:
Subjective (S): laterally recumbent, mm = pale, agonal breaths
BCS: 4/9
Hydration:

Objective (O)
EENT: not assessed at this time

Client: **B6**
Patient:

PLN: not assessed at this time
H/L: HR = 40 on presentation, went into cardiac arrest, initiated CPR, returned to spontaneous circulation, ventricular beats on EKG
Abd: fluid wave palpable, mid-abdominal mass - most likely spleen

B6

Referral Diagnostics: none

Diagnostics Completed:
AFAST - free fluid noted
abdominocentesis - blood, did not clot
Blood Type
Nova
PCV/TS

Diagnostics Pending: Chem/CBC

Treatments Completed:
initiated CPR
1 unit prBC

Assessment (A)

A1: **B6**
A2:

Plan (P)

P1: emergency abdominal explore

B6

B6

Additional requests submitted: anesthesia request

Estimate given: \$ **B6** Deposit collected: \$

SOAP Text **B6** 12:05PM - **B6**

Updated medical record:

MONITORING TO INCLUDE:

B6

MEDICATIONS TO INCLUDE:

- **B6**

Client: **B6**
Patient:

B6

B6

B6

SOAP Text **B6** 10:42AM **B6**

Updated medical record:

ASSESSMENT:
B6

Plan:
MONITORING and nursing Plan:
B6

FLUID/CRI plan: (for all quantities 4 hours, 10am, 2pm, 6pm, 10pm)
B6

MEDICATIONS Plan:
B6

Prescribed **B6** - FHSA (1)

Client: **B6**
Patient:

B6

SOAP Text **B6** 8:32AM - **B6**

B6 Soap 8.30am Sunday **B6**

PHYSICAL EXAMINATION:

B6

ASSESSMENT:

B6

Plan:
MONITORING and nursing Plan:

B6

FLUID CRI plan: (for all quant q 4 hours, 10am, 2pm, 6pm, 10pm)

B6

MEDICATIONS Plan:

B6

B6 4:00:12 PM: TS (FHSA) 5.2
4:00:12 PM: PCV ** 43

Client: **B6**
Patient:

SOAP Text **B6** 3:08PM **B6**

B6

Client: **B6**
Patient:

B6

SOAP Text **B6** 8:19PM **B6**

B6

Client: **B6**
Patient:

B6

Initial Complaint:

ECC Special **B6**

SOAP Text **B6** 9:59AM - **B6**

B6

Client: **B6**
Patient: **B6**

Initial Complaint:

Emergency

SOAP Text **B6** 7:47AM - Clinician, Unassigned FHSA

Subjective

NEW VISIT (ER)

Doctor: **B6**

Student: -----

Presenting complaint: REF cardio

Referral visit? yes

Diagnostics completed prior to visit: RDVM rads (date unclear)

HISTORY: **B6** presented on referral for suspected heart failure. Over the past roughly 5 weeks **B6** has had progressive worsening of respiratory rate and effort as well as increasing abdominal distention. He was recently seen by his primary care veterinarian where the fluid was sampled and thoracic radiographs were performed. Based on this cardiac disease was suspected to be the cause and recommendation was made to come to Tufts for further work up. Previous history of **B6** of uncertain cause as well as a **B6** roughly 4 years ago. During treatment for this he **B6** Cause of: **B6**.

Current medications: **B6**

Diet: FROMM Game Bird Grain Free

EXAM:

B6

C/V: III/VI murmur, mod harsh lung sounds all four quadrants; TFAST suspect DCM

RESP: pant, normal effort

B6

Client: **B6**
Patient: **B6**

ASSESSMENT:

A1: suspect ascites secondary to R-CHF and DCM vs other cardiac disease, grain free diet related poss

A2: **B6**

PLAN: admit for cardio work up

B6

Client communication: Outlined with **B6** likely DCM (and what this meant.) Explained possibly secondary to diet as well as primary. Cardio consult and repeat radiographs next step. If cardiac as expect (possibly not, but unlikely) would continue furosemide and add medication to increase contractility of heart. Different clinician to update later today. **B6**

Deposit & estimate status: **B6**

Resuscitation code (if admitting to ICU) **B6**

SOAP approved (DVM to sign): **B6**

SOAP Text **B6** 7:09AM - Clinician, Unassigned FHSA

B6 is a **B6** yo MC treeing walker coonhound presented to the ER for rDVM referral to Tufts Cardio Service for progressive ascites related to suspected heart failure. Over the past roughly 5 weeks **B6** has had worsening of respiratory rate and effort as well as increasing abdominal distension. At the rDVM **B6** the abdominal fluid was sampled revealing straw colored fluid and thoracic radiographs were performed revealing questionable intrathoracic mass, poor pulmonary inflation, and mild cardiomegaly. Previous history of **B6** of uncertain cause as well as **B6** 4 years ago, during which time he **B6**

Subjective

Exam, cardiology

B6

Overall impression since arrival or since last exam: Stable overnight, respiratory effort and rate eupnic and 20-30 brpm, some supraventricular and ventricular arrhythmias noted. Weight steady, mildly dehydrated but still drinking.

Appetite: Good interest in food, eating early cardiac dry and canned SD

B6

Client: **B6**
Patient:

B6

Heart: III/VI left apical murmur with S3 gallop. Sinus arrhythmia and premature beats noted. Fair but synchronous femoral pulses. Jugular appreciated in bottom 1/3 of neck.

B6

Other:

Previous Diagnostics:

B6

Thoracic radiograph (DV): Pulmonary venous distention, caudal pulmonary interstitial pattern and suspected left atrial enlargement. The primary differential is pulmonary edema due to left congestive heart failure. Other views not performed due to need for sedation.

Echo: Advanced DMVD with suspect active L-CHF; Reduced contractile function. R heart changes not considered severe enough to cause significant ascites.

Assessments

A1: Advanced DMVD with suspect active L-CHF, reduced contractile function

A2: Ascites: r/o abdominal neoplasia vs R-CHF vs liver disease vs peritonitis vs PLN vs PLE

A3: Pulmonary edema r/o d/t L-CHF

A4: Dyspnea: r/o secondary to A1/A2/A3

A5: Occasional atrial premature beats: r/o secondary to L-CHF

A6: Occasional VPCs: r/o secondary to L-CHF

Plan

P1:
P2:
P3:
P4:
P5:
P5:
P5:
P7:

B6

SOAP completed by: **B6** V'20

SOAP reviewed by:

Disposition/Recommendations

Client:
Patient:

B6

Client: **B6**
 Patient: **B6**

Cummings
Veterinary Medical Center
 AT TUFTS UNIVERSITY

Foster Hospital for Small Animals

55 Willard Street
 North Grafton, MA 01536
 (508) 839-5395

Client: **B6**
 Veterinarian:
 Patient ID: **B6**
 Visit ID:

Patient: **B6**
 Species: Canine
 Breed: Treeing Walker Coonhound
 Sex: Male (Neutered)
 Age: **B6** Years Old

Lab Results Report

CBC with Platelet Count (Advia) **B6** 9:03:00 AM **Accession ID: B6**

Test	Results	Reference Range	Units
PLT(ADVIA)	B6	173 - 486	K/uL
MPV (ADVIA)		8.29 - 13.2	fL
RBC(ADVIA)		5.8 - 8.5	M/uL
HGB(ADVIA)		13.3 - 20.5	g/dL
WBC (ADVIA)		4.4 - 15.1	K/uL
MCV(ADVIA)		64.5 - 77.5	fL
MCH(ADVIA)		21.3 - 25.9	pg
RDW (ADVIA)		11.9 - 15.2	
HCT(ADVIA)		39 - 55	%
MCHC(ADVIA)		31.9 - 34.3	g/dL

CBC with Platelet Count (Advia) **B6** 9:03:00 AM **Accession ID: B6**

Test	Results	Reference Range	Units
PHOSPHORUS	B6	2.6 - 7.2	mg/dL
T BILIRUBIN		0.1 - 0.3	mg/dL
T. PROTEIN		5.5 - 7.8	g/dL
CALCIUM2		9.4 - 11.3	mg/dL
CREATININE		0.6 - 2	mg/dL
MAGNESIUM 2+		1.8 - 3	mEq/L
AGAP		8 - 19	
CHOLESTEROL		82 - 355	mg/dL
ICO2 (BICARB)		14 - 28	mEq/L



12/157

B6

Printed Tuesday, May 28, 2019

Client: **B6**
 Patient: **B6**

TRIGLYCERIDES		30 - 338	mg/dl
GGT		0 - 10	U/L
CK		22 - 422	U/L
CHLORIDE		106 - 116	mEq/L
GLUCOSE		67 - 135	mg/dL
GLOBULINS		2.3 - 4.2	g/dL
ALT		14 - 86	U/L
SODIUM		140 - 150	mEq/L
A/G RATIO	B6	0.7 - 1.6	
ALBUMIN		2.8 - 4	g/dL
POTASSIUM		3.7 - 5.4	mEq/L
NA/K		29 - 40	
OSMOLALITY (CALCULATED)		291 - 315	mmol/L
AMYLASE		409 - 1250	U/L
UREA		8 - 30	mg/dL
ALK PHOS		12 - 127	U/L
AST		9 - 54	U/L

CBC with Platelet Count (Advia) B6 9:03:00 AM Accession ID: B6

Test	Results	Reference Range	Units
MONOS%		1 - 15	%
LYMPHS (ABS)ADVIA		1 - 4.8	K/uL
SEGS%		43 - 86	%
SEGS (AB)ADVIA		2.8 - 11.5	K/ul
MONOS (ABS)ADVIA	B6	0.1 - 1.5	K/uL
WBC MORPHOLOGY		0 - 0	
No Morphologic Abnormalities			
LYMPIIS%		7 - 47	%
NRBC		0 - 1	/100 WBC
POIKILOCYTOSIS		0 - 0	

CBC with Platelet Count (Advia) B6 9:03:47 AM Accession ID: B6

Test	Results	Reference Range	Units
aPTT (ER) - Whole Blood *		0 - 0	sec
PT (ER) - Whole Blood *	B6	0 - 0	sec

CBC with Platelet Count (Advia) B6 9:04:00 AM Accession ID: B6

Test	Results	Reference Range	Units
GLUCOSE (POC)		80 - 120	mg/dL
MG (POC)		0.1 - 0.4	mmol/L
nCA	B6	0 - 0	mmol/L
LACTATE		0 - 2	mmol/L
CL(POC)		109 - 120	mmol/L



Client: **B6**
Patient: **B6**

GAP		0 - 0	mmol/L
NA (POC)		140 - 154	mmol/L
nMG		0 - 0	mmol/L
TCO2 (POC)		0 - 0	mmol/L
NOVA SAMPLE		0 - 0	
K (POC)		3.6 - 4.8	mmol/L
HCT (POC)		38 - 48	%
SO2%		94 - 100	%
BEecf		0 - 0	mmol/L
BEb		0 - 0	mmol/L
CA (ionized)		1.17 - 1.38	mmol/L
A		0 - 0	mmHg
CA/MG		0 - 0	mol/mol
IIB (POC)		12.6 - 16	g/dL
CREAT (POC)		0.2 - 2.1	mg/dL
FiO2		0 - 0	%
BUN (POC)		12 - 28	mg/dL
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
PH		7.337 - 7.467	
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
HCO3		18 - 24	mmol/L

B6

CBC with Platelet Count (Advia) B6 04:15 AM Accession ID: B6

Test	Results	Reference Range	Units
Blood Type Dog (ER) - FHSA	B6	0 - 0	

CBC with Platelet Count (Advia) B6 05:00 AM Accession ID: B6

Test	Results	Reference Range	Units
BEb		0 - 0	mmol/L
CA (ionized)		1.17 - 1.38	mmol/L
A		0 - 0	mmHg
BUN (POC)		12 - 28	mg/dL
TCO2 (POC)		0 - 0	mmol/L
BEecf		0 - 0	mmol/L
FiO2		0 - 0	%
HB (POC)		12.6 - 16	g/dL
GAP		0 - 0	mmol/L
SO2%		94 - 100	%
CREAT (POC)		0.2 - 2.1	mg/dL
nCA		0 - 0	mmol/L

B6



B6

Client: **B6**
Patient:

CL(POC)	B6	109 - 120	mmol/L
NOVA SAMPLE		0 - 0	
LACTATE		0 - 2	mmol/L
GLUCOSE (POC)		80 - 120	mg/dL
MG (POC)		0.1 - 0.4	mmol/L
nMG		0 - 0	mmol/L
CA/MG		0 - 0	mol/mol
NA (POC)		140 - 154	mmol/L
K (POC)		3.6 - 4.8	mmol/L
HCT (POC)		38 - 48	%
PO2		80 - 100	mmHg
PCO2		36 - 44	mmHg
PH		7.337 - 7.467	
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
HCO3		18 - 24	mmol/L

CBC with Platelet Count (Advia) **B6** 10:30:13 AM Accession ID: **B6**

Test	Results	Reference Range	Units
PT & aPTT (ER) - Citrate	B6	0 - 0	

CBC with Platelet Count (Advia) **B6** 12:08:00 PM Accession ID: **B6**

Test	Results	Reference Range	Units
		0 - 0	

AP results
BIOPSY REPORT

Diagnosis:

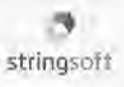
B6

Microscopic Findings:

B6

Gross Description:

B6



Client: **B6**
Patient:

B6

Comment:

B6

0-0

AP results
BIOPSY REPORT

Diagnosis:

B6

Microscopic Findings:

B6

Client: **B6**
Patient: **B6**

AP results
BIOPSY REPORT

Diagnosis:
B6

Microscopic Findings:
B6

Gross Description:
B6

Comment:
B6

Test	Results	Reference Range	Units
CBC with Platelet Count (Advia)	B6	2:06:00 PM	Accession ID: B6
CL(POC)	B6	109 - 120	mmol/L
K (POC)		3.6 - 4.8	mmol/L
HB (POC)		12.6 - 16	g/dL
SO2%		94 - 100	%
TCO2 (POC)		0 - 0	mmol/L
CA/MG		0 - 0	mol/mol
GAP		0 - 0	mmol/L
GLUCOSE (POC)		80 - 120	mg/dL
nMG		0 - 0	mmol/L
LACTATE		0 - 2	mmol/L

Client: **B6**
 Patient: **B6**

nCA		0 - 0	mmol/L
NOVA SAMPLE		0 - 0	
A		0 - 0	mmHg
BEecf		0 - 0	mmol/L
NA (POC)		140 - 154	mmol/L
BUN (POC)		12 - 28	mg/dL
CREAT (POC)		0.2 - 2.1	mg/dL
BEb		0 - 0	mmol/L
FiO2		0 - 0	%
CA (ionized)		1.17 - 1.38	mmol/L
MG (POC)		0.1 - 0.4	mmol/L
HCT (POC)		38 - 48	%
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
PH		7.337 - 7.467	
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
HCO3		18 - 24	mmol/L

B6

CBC with Platelet Count (Advia) B6 2:11:29 PM Accession ID: B6

Test	Results	Reference Range	Units
TS (FHSA)		0 - 0	g/dl
PCV **	B6	0 - 0	%
TS (FHSA)		0 - 0	g/dl

CBC with Platelet Count (Advia) B6 2:25:46 PM Accession ID: B6

Test	Results	Reference Range	Units
aPTT (ER) - Citrate*		0 - 0	sec
PT (ER) - Citrate *	B6	0 - 0	sec

CBC with Platelet Count (Advia) B6 2:26:13 PM Accession ID: B6

Test	Results	Reference Range	Units
TS (FHSA)		0 - 0	g/dL
Lactate (FHSA) *		0 - 0	mmol/L
BG (FHSA)	B6	0 - 0	g/dL
TS (FHSA)		0 - 0	g/dL
PCV		0 - 0	%

CBC with Platelet Count (Advia) B6 2:15:00 PM Accession ID: B6

Test	Results	Reference Range	Units
BEb			mmol/L
CA/MG	B6	B6	mol/mol
BUN (POC)			mg/dL
NOVA SAMPLE			

Client: **B6**
 Patient:

GLUCOSE (POC)		80 - 120	mg/dL
HCT (POC)		38 - 48	%
BEecf		0 - 0	mmol/L
SO2%		94 - 100	%
CA (ionized)		1.17 - 1.38	mmol/L
CL(POC)		109 - 120	mmol/L
MG (POC)		0.1 - 0.4	mmol/L
NA (POC)		140 - 154	mmol/L
TCO2 (POC)		0 - 0	mmol/L
nCA		0 - 0	mmol/L
FiO2		0 - 0	%
CREAT (POC)	B6	0.2 - 2.1	mg/dL
K (POC)	B6	3.6 - 4.8	mmol/L
GAP	B6	0 - 0	mmol/L
LACTATE	B6	0 - 2	mmol/L
nMG	B6	0 - 0	mmol/L
HB (POC)	B6	12.6 - 16	g/dL
A	B6	0 - 0	mmHg
PCO2	B6	36 - 44	mmHg
PO2	B6	80 - 100	mmHg
PH	B6	7.337 - 7.467	
PCO2	B6	36 - 44	mmHg
PO2	B6	80 - 100	mmHg
HCO3	B6	18 - 24	mmol/L

CBC with Platelet Count (Advia) B6 9:15:54 PM Accession ID: B6

Test	Results	Reference Range	Units
aPTT (ER) - Citrate*	B6	0 - 0	sec
PT (ER) - Citrate *	B6	0 - 0	sec

CBC with Platelet Count (Advia) B6 9:18:13 PM Accession ID: B6

Test	Results	Reference Range	Units
TS (FHSA)	B6	0 - 0	g/dl
PCV **	B6	0 - 0	%
TS (FHSA)	B6	0 - 0	g/dl

CBC with Platelet Count (Advia) B6 5:56:00 AM Accession ID: B6

Test	Results	Reference Range	Units
NA (POC)	B6	140 - 154	mmol/L
MG (POC)	B6	0.1 - 0.4	mmol/L
LACTATE	B6	0 - 2	mmol/L
CA/MG	B6	0 - 0	mol/mol
K (POC)	B6	3.6 - 4.8	mmol/L



Client: **B6**
 Patient: **B6**

FiO2		0 - 0	%
NOVA SAMPLE		0 - 0	
A		0 - 0	mmHg
nMG		0 - 0	mmol/L
CREAT (POC)		0.2 - 2.1	mg/dL
BEb		0 - 0	mmol/L
GLUCOSE (POC)		80 - 120	mg/dL
BEecf		0 - 0	mmol/L
BUN (POC)		12 - 28	mg/dL
nCA		0 - 0	mmol/L
SO2%		94 - 100	%
CA (ionized)		1.17 - 1.38	mmol/L
GAP		0 - 0	mmol/L
IIB (POC)		12.6 - 16	g/dL
TCO2 (POC)		0 - 0	mmol/L
HCT (POC)		38 - 48	%
CL(POC)		109 - 120	mmol/L
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
PH		7.337 - 7.467	
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
HCO3		18 - 24	mmol/L

B6

CBC with Platelet Count (Advia) B6 6:00:41 AM Accession ID: B6

Test	Results	Reference Range	Units
TS (FHSA)		0 - 0	g/dl
PCV **	B6	0 - 0	%
TS (FHSA)		0 - 0	g/dl

CBC with Platelet Count (Advia) B6 6:08:00 PM Accession ID: B6

Test	Results	Reference Range	Units
CA/MG		0 - 0	mol/mol
nMG		0 - 0	mmol/L
TCO2 (POC)		0 - 0	mmol/L
NOVA SAMPLE		0 - 0	
A		0 - 0	mmHg
CL(POC)	B6	109 - 120	mmol/L
HB (POC)		12.6 - 16	g/dL
NA (POC)		140 - 154	mmol/L
GAP		0 - 0	mmol/L
SO2%		94 - 100	%



Client: **B6**
 Patient: **B6**

MG (POC)	B6	0.1 - 0.4	mmol/L
FiO2		0 - 0	%
GLUCOSE (POC)		80 - 120	mg/dL
BUN (POC)		12 - 28	mg/dL
BEb		0 - 0	mmol/L
K (POC)		3.6 - 4.8	mmol/L
HCT (POC)		38 - 48	%
LACTATE		0 - 2	mmol/L
CREAT (POC)		0.2 - 2.1	mg/dL
BEecf		0 - 0	mmol/L
nCA		0 - 0	mmol/L
CA (ionized)		1.17 - 1.38	mmol/L
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
PH		7.337 - 7.467	
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
HCO3		18 - 24	mmol/L

CBC with Platelet Count (Advia) B6 6:14:28 PM Accession ID: B6

Test	Results	Reference Range	Units
TS (FHSA)	B6	0 - 0	g/dl
PCV **		0 - 0	%
TS (FHSA)		0 - 0	g/dl

CBC with Platelet Count (Advia) B6 3:55:00 PM Accession ID: B6

Test	Results	Reference Range	Units
BEb	B6	0 - 0	mmol/L
CA/MG		0 - 0	mol/mol
LACTATE		0 - 2	mmol/L
nMG		0 - 0	mmol/L
BEecf		0 - 0	mmol/L
GLUCOSE (POC)		80 - 120	mg/dL
TCO2 (POC)		0 - 0	mmol/L
CL(POC)		109 - 120	mmol/L
CREAT (POC)		0.2 - 2.1	mg/dL
CA (ionized)		1.17 - 1.38	mmol/L
BUN (POC)		12 - 28	mg/dL
HB (POC)		12.6 - 16	g/dL
A		0 - 0	mmHg
FiO2		0 - 0	%
nCA		0 - 0	mmol/L



Client: **B6**
 Patient: **B6**

K (POC)	B6	3.6 - 4.8	mmol/L
GAP		0 - 0	mmol/L
NOVA SAMPLE		0 - 0	
HCT (POC)		38 - 48	%
SO2%		94 - 100	%
MG (POC)		0.1 - 0.4	mmol/L
NA (POC)		140 - 154	mmol/L
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
PH		7.337 - 7.467	
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
HCO3		18 - 24	mmol/L

CBC with Platelet Count (Advia) B6 4:00:13 PM Accession ID: B6

Test	Results	Reference Range	Units
TS (FHSA)	B6	0 - 0	g/dl
PCV **		0 - 0	%
TS (FHSA)		0 - 0	g/dl

CBC with Platelet Count (Advia) B6 9:29:00 AM Accession ID: B6

Test	Results	Reference Range	Units
BEb	B6	0 - 0	mmol/L
CA (ionized)		1.17 - 1.38	mmol/L
K (POC)		3.6 - 4.8	mmol/L
BEecf		0 - 0	mmol/L
nCA		0 - 0	mmol/L
TCO2 (POC)		0 - 0	mmol/L
FiO2		0 - 0	%
NOVA SAMPLE		0 - 0	
A		0 - 0	mmHg
GLUCOSE (POC)		80 - 120	mg/dL
MG (POC)		0.1 - 0.4	mmol/L
HB (POC)		12.6 - 16	g/dL
CL(POC)		109 - 120	mmol/L
nMG		0 - 0	mmol/L
NA (POC)		140 - 154	mmol/L
CREAT (POC)		0.2 - 2.1	mg/dL
BUN (POC)		12 - 28	mg/dL
SO2%		94 - 100	%
GAP		0 - 0	mmol/L
LACTATE		0 - 2	mmol/L



Client: **B6**
 Patient: **B6**

CA/MG	B6	0 - 0	mol/mol
HCT (POC)		38 - 48	%
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
PH		7.337 - 7.467	
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
HCO3		18 - 24	mmol/L

CBC with Platelet Count (Advia) B6 9:41:06 AM Accession ID: B6

Test	Results	Reference Range	Units
TS (FHSA)	B6	0 - 0	g/dl
PCV **		0 - 0	%
TS (FHSA)		0 - 0	g/dl

CBC with Platelet Count (Advia) B6 7:48:25 AM Accession ID: B6

Test	Results	Reference Range	Units
SO2%	B6	94 - 100	%
HCT (POC)		38 - 48	%
HB (POC)		12.6 - 16	g/dL
NA (POC)		140 - 154	mmol/L
K (POC)		3.6 - 4.8	mmol/L
CL(POC)		109 - 120	mmol/L
CA (ionized)		1.17 - 1.38	mmol/L
MG (POC)		0.1 - 0.4	mmol/L
GLUCOSE (POC)		80 - 120	mg/dL
LACTATE		0 - 2	mmol/L
BUN (POC)		12 - 28	mg/dL
CREAT (POC)		0.2 - 2.1	mg/dL
TCO2 (POC)		0 - 0	mmol/L
nCA		0 - 0	mmol/L
nMG		0 - 0	mmol/L
GAP		0 - 0	mmol/L
CA/MG		0 - 0	mol/mol
BEeef		0 - 0	mmol/L
BEb		0 - 0	mmol/L
A		0 - 0	mmHg
NOVA SAMPLE		0 - 0	
FiO2		0 - 0	%
PCO2		36 - 44	mmHg
PO2		80 - 100	mmHg
PH		7.337 - 7.467	

Client: **B6**
 Patient: **B6**

PCO2		36 - 44	mmHg
PO2	B6	80 - 100	mmHg
HCO3		18 - 24	mmol/L

CBC with Platelet Count (Advia) **B6** 7:55:33 AM **Accession ID: B6**

Test	Results	Reference Range	Units
TS (FISA)		0 - 0	g/dl
PCV **	B6	0 - 0	%
TS (FHSA)		0 - 0	g/dl

CBC with Platelet Count (Advia) **B6** 7:56:17 AM **Accession ID: B6**

Test	Results	Reference Range	Units
WBC (ADVIA)		4.4 - 15.1	K/uL
RBC(ADVIA)		5.8 - 8.5	M/uL
HGB(ADVIA)		13.3 - 20.5	g/dL
HCT(ADVIA)		39 - 55	%
MCV(ADVIA)		64.5 - 77.5	fL
MCH(ADVIA)		21.3 - 25.9	pg
MCHC(ADVIA)		31.9 - 34.3	g/dL
CHCM		0 - 0	g/dl
RDW (ADVIA)		11.9 - 15.2	
PLT(ADVIA)	B6	173 - 486	K/uL
MPV (ADVIA)		8.29 - 13.2	fl
PLTCRT		0.129 - 0.403	%
PDW		0 - 0	%
RETIC(ADVIA)		0.2 - 1.6	%
RETICS (ABS) ADVIA		14.7 - 113.7	K/uL
CHR		0 - 0	pg
MCVR		0 - 0	fl
COMMENTS (HEMATOLOGY)		0 - 0	

CBC with Platelet Count (Advia) **B6** 7:56:26 AM **Accession ID: B6**

Test	Results	Reference Range	Units
GLUCOSE		67 - 135	mg/dL
UREA		8 - 30	mg/dL
CREATININE		0.6 - 2	mg/dL
PHOSPHORUS		2.6 - 7.2	mg/dL
CALCIUM2		9.4 - 11.3	mg/dL
MAGNESIUM 2+	B6	1.8 - 3	mEq/L
T. PROTEIN		5.5 - 7.8	g/dL
ALBUMIN		2.8 - 4	g/dL
GLOBULINS		2.3 - 4.2	g/dL
A/G RATIO		0.7 - 1.6	



Client: **B6**
 Patient: **B6**

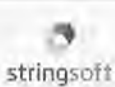
SODIUM	B6	140 - 150	mEq/L
CHLORIDE		106 - 116	mEq/L
POTASSIUM		3.7 - 5.4	mEq/L
iCO2 (BICARB)		14 - 28	mEq/L
AGAP		8 - 19	
NA/K		29 - 40	
T BILIRUBIN		0.1 - 0.3	mg/dL
ALK PHOS		12 - 127	U/L
GGT		0 - 10	U/L
ALT		14 - 86	U/L
AST		9 - 54	U/L
CK		22 - 422	U/L
CHOLESTEROL		82 - 355	mg/dL
TRIGLYCERIDES		30 - 338	mg/dl
AMYLASE		409 - 1250	U/L
OSMOLALITY (CALCULATED)		291 - 315	mmol/L
COMMENTS (CHEMISTRY)		0 - 0	

CBC with Platelet Count (Advia) B6 7:56:11 AM Accession ID: B6

Test	Results	Reference Range	Units
SEGS%	B6	43 - 86	%
LYMPHS%		7 - 47	%
MONOS%		1 - 15	%
EOS%		0 - 16	%
NRBC		0 - 1	/100 WBC
SEGS (AB)ADVIA		2.8 - 11.5	K/uL
LYMPHS (ABS)ADVIA		1 - 4.8	K/uL
MONOS (ABS)ADVIA		0.1 - 1.5	K/uL
EOS (ABS)ADVIA		0 - 1.4	K/uL
WBC MORPHOLOGY		0 - 0	
No Morphologic Abnormalities			
RBC MORPHOLOGY		0 - 0	
See comment(s)			
Erythrocytes are smudged and their morphologic features are difficult to assess due to the effects of lipemia.			
POLYCHROMASIA	Occasional	0 - 0	

CBC with Platelet Count (Advia) B6 1:09:16 PM Accession ID: B6

Test	Results	Reference Range	Units
U COLLECT	B6	0 - 0	
U COLOR		0 - 0	
U TURBIDITY		0 - 0	
U SG		0 - 0	
U PH		0 - 0	



Client: **B6**
 Patient: **B6**

U PROTEIN **B6** 0 - 0
 U GLUCOSE **B6** 0 - 0
 U KETONES **B6** 0 - 0
 U BILIRUBIN **B6** 0 - 0

Negative
 Bilirubin up to 2+ may be normal highly concentrated urine.

U HEME PROTEIN **B6** 0 - 0
 U WBC **B6** 0 - 0 /hpf
 U RBC **B6** 0 - 0 /hpf
 U BACTERIA **B6** 0 - 0 /hpf
 U CRYSTALS **B6** 0 - 0 /hpf
 U SQUAMOUS CELLS **B6** 0 - 0 /hpf
 U HYALINE **B6** 0 - 0 /hpf
 U FAT **B6** 0 - 0 /hpf

CBC with Platelet Count (Advia) B6 1:43:19 AM Accession ID: B6

Test	Results	Reference Range	Units
GLUCOSE	B6	67 - 135	mg/dL
UREA	B6	8 - 30	mg/dL
CREATININE	B6	0.6 - 2	mg/dL
PHOSPHORUS	B6	2.6 - 7.2	mg/dL
CALCIUM2	B6	9.4 - 11.3	mg/dL
T. PROTEIN	B6	5.5 - 7.8	g/dL
ALBUMIN	B6	2.8 - 4	g/dL
GLOBULINS	B6	2.3 - 4.2	g/dL
A/G RATIO	B6	0.7 - 1.6	
SODIUM	B6	140 - 150	mEq/L
CHLORIDE	B6	106 - 116	mEq/L
POTASSIUM	B6	3.7 - 5.4	mEq/L
NA/K	B6	29 - 40	
T BILIRUBIN	B6	0.1 - 0.3	mg/dL
ALK PHOS	B6	12 - 127	U/L
ALT	B6	14 - 86	U/L
AST	B6	9 - 54	U/L
CHOLESTEROL	B6	82 - 355	mg/dL
OSMOLALITY (CALCULATED)	B6	291 - 315	mmol/L
COMMENTS (CHEMISTRY)	B6	0 - 0	

CBC with Platelet Count (Advia) B6 2:33:36 PM Accession ID: B6

Test	Results	Reference Range	Units
TS (FHSA)	B6	0 - 0	g/dl
PCV **	B6	0 - 0	%



Client: **B6**
Patient:

TS (FHSA) 5.6 0 - 0 g/dl



27/157

B6

Printed Tuesday, May 28, 2019

Client: **B6**
Patient: **B6**

Anesthesia record

Tufts University Cummings School of Veterinary Medicine
ANESTHESIA RECORD

Date	B6	Weight	B6
Cage/Staff	PR-10U		
Procedures	B6	PRE-ANESTHESIA DISPOSITION	
		<input type="checkbox"/> Alert <input type="checkbox"/> Recumbent	
		<input type="checkbox"/> Excited <input type="checkbox"/> Quiet	
		<input type="checkbox"/> Depressed <input type="checkbox"/> Painful	
		<input type="checkbox"/> Anxious <input type="checkbox"/> Nervous	
3.			<i>VERBA REFRITATED INEK</i>
PRE-ANESTHESIA VALUES	Temp.	HR	RR
DRUGS IN THE LAST 24 HOURS	B6	<i>33A</i>	B6
PRE-ANESTHETIC DRUGS	273		
Drug	Dose	Route	Time
PRE-MED. RESULTS	Page 1 of 2		
Sedation	Resistance	B6	
		Drug	Dose
		Route	Time

B6

B6

Client: **B6**
Patient: **B6**

Anesthesia record

B6	B6	Wright ~ 35 Kg	Page 2 of 2													
Time	00	15	30	45	00	15	30	45	00	15	30	45	00	15	30	45
Isoflurane (%)																
Sevoflurane (%)																
O ₂ (L/M)																
CODE																
▪ Pulse Rate																
◊ Respiratory Rate																
V Systolic B.P.																
- Mean B.P.																
A Diastolic B.P.																
C IPPV																
• ET CO ₂																
Blood Pressure measured by:																
<input type="checkbox"/> Oscillometric																
<input type="checkbox"/> Doppler																
<input type="checkbox"/> Direct																
Depth of Anes:	Light															
	Med.															
	Deep															
Fluids																
SpO ₂																
Temperature																

B6

Client: **B6**
Patient: **B6**

B6 - Inpatient notice to rdvm



Foster Hospital for Small Animals
200 Westboro Road
North Grafton, MA 01536
Referring Veterinarian Direct Line:
508.887.4988

Notice of Patient Visit

Date: **B6** Case No: **B6**
Referring Doctor: **B6**
Client Name: **B6**
Patient Name: **B6**

Dear Colleague,

The above-named patient presented to Tufts Foster Small Animal Hospital for treatment, and the pet owner has indicated that you are the primary care veterinarian. Please note the following:

The admitting doctor was: **B6**

The reason for admission to the FHSA was: **B6**

If you have questions regarding this particular case, please call 508-887-4988 to reach the Int. Med Service. Information is updated daily by noon.

Thank you for your referral to our Emergency Service.

Faxed: (Date) _____ (Time) _____ AM / PM (Circle one)

Client: **B6**
Patient:

Vitals Results

B6	12:50:57 PM	Cardiac rhythm
	12:50:58 PM	Heart Rate (/min)
	12:51:49 PM	Respiratory Rate
	1:22:20 PM	Eliminations
	1:54:53 PM	Respiratory Rate
	1:55:10 PM	Cardiac rhythm
	1:55:11 PM	Heart Rate (/min)
	2:46:55 PM	Cardiac rhythm
	2:46:56 PM	Heart Rate (/min)
	2:47:06 PM	Respiratory Rate
	3:44:44 PM	Cardiac rhythm
	3:44:45 PM	Heart Rate (/min)
	3:45:12 PM	Eliminations
	3:45:13 PM	Respiratory Rate
	5:14:21 PM	Cardiac rhythm
	5:14:22 PM	Heart Rate (/min)
	5:15:20 PM	Respiratory Rate
	5:38:46 PM	Eliminations
5:42:23 PM	Catheter Assessment	
5:42:34 PM	Amount eaten	

B6

Client: **B6**
Patient:

ECG from Cardio

B6

12/12/2014 5:08:34 PM

Tufts University
Tufts Cummings School of Vet Med
Cardiology

12 Lead Standard Placement

B6

Client: **B6**
Patient:

ECG from Cardio

B6

12/12/2014 5:12:21 PM

Page 1 of 2

Tufts University
Tufts Cummings School of Vet Med
Cardiology

12 Lead, Standard Placement

B6

Client: **B6**
Patient:

ECG from Cardio

B6

12/12/2014 5:12:21 PM

Page 2 of 2

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

Client: **B6**
Patient:

ECG from Cardio

B6

12/12/2014 5:14:14 PM

Tufts University
Tufts Cummings School of Vet Med
Cardiology

12 Lead: Standard Placement

B6

Client:
Patient:

B6

ECG from Cardio

B6

1/26/2015 10:06:52 AM

Tufts University
Tufts Cummings School of Vet Med
Cardiology

12 Lead Standard Placement

B6

Client: **B6**
Patient:

ECG from Cardio

B6

1/26/2015 10:07:12 AM

Tufts University
Tufts Cummings School of Vet Med
Cardiology

12 Lead: Standard Placement

B6

Client: **B6**
Patient:

ECG from Cardio

B6

1/26/2015 10:07:13 AM

Tufts University
Tufts Cummings School of Vet Med
Cardiology

12 Lead, Standard Placement

B6

Client: **B6**
Patient:

ECG from Cardio

B6

1/26/2015 10:07:43 AM

Page 1 of 2

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

Client: **B6**
Patient:

ECG from Cardio

B6

1/26/2015 10:07:43 AM

Page 2 of 2

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

Client: **B6**
Patient:

ECG from Cardio

B6

1/26/2015 10:07:51 AM

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

Client:
Patient:

B6

ECG from Cardio

B6

1/26/2015 10:08:50 AM

Tufts University
Tufts Cummings School of Vet Med
Cardiology

B6

Client: **B6**
Patient:

ECG from Cardio

B6

1/26/2015 10:08:53 AM

Tofts University
Tufts Cummings School of Vet Med
Cardiology

12 Lead: Standard Placement

B6

Client:
Patient:

B6

B6

CXR - 5/19/2019

B6

Client:
Patient:

B6

B6

CXR - 5/19/2019

B6

Client: **B6**
Patient:

Patient History

B6	08:31 AM	Purchase	B6
	08:32 AM	UserForm	
	08:55 AM	UserForm	
	09:03 AM	Purchase	
	09:03 AM	Purchase	
	09:03 AM	Labwork	
	09:04 AM	Purchase	
	09:04 AM	Labwork	
	09:04 AM	Purchase	
	09:05 AM	Purchase	
	09:24 AM	Purchase	
	09:37 AM	Purchase	
	09:37 AM	Purchase	
	10:15 AM	Purchase	
	10:23 AM	Purchase	
	10:32 AM	Labwork	
	10:33 AM	Purchase	
	10:46 AM	Vitals	
	11:16 AM	Treatment	
	11:16 AM	Treatment	
	11:45 AM	Treatment	
	11:46 AM	Treatment	
	11:46 AM	Treatment	
	11:46 AM	Vitals	
	11:54 AM	Prescription	
	11:56 AM	Prescription	
	12:03 PM	Treatment	
	12:03 PM	Vitals	
	12:04 PM	Treatment	
	12:04 PM	Vitals	
12:08 PM	Purchase		
12:10 PM	Treatment		
12:13 PM	UserForm		
12:33 PM	Purchase		
01:10 PM	Treatment		
01:11 PM	Treatment		
01:11 PM	Vitals		
01:11 PM	Treatment		
01:11 PM	Treatment		
01:11 PM	Vitals		
01:12 PM	Treatment		
01:12 PM	Treatment		
01:12 PM	Vitals		

Client: **B6**
Patient:

Patient History

B6	01:15 PM	Treatment
	01:15 PM	Vitals
	01:19 PM	Treatment
	01:19 PM	Vitals
	01:21 PM	Treatment
	01:41 PM	Treatment
	01:41 PM	Vitals
	01:42 PM	Treatment
	01:42 PM	Vitals
	02:05 PM	Treatment
	02:05 PM	Vitals
	02:05 PM	Treatment
	02:06 PM	Purchase
	02:38 PM	Treatment
	02:40 PM	Vitals

B6	02:40 PM	Vitals
	02:47 PM	Purchase
	02:47 PM	Purchase
	03:02 PM	Treatment
	03:02 PM	Vitals
	03:03 PM	Treatment
	03:03 PM	Vitals
	03:03 PM	Treatment
	03:03 PM	Vitals
	03:04 PM	Treatment
	03:04 PM	Vitals
	03:04 PM	Treatment
	03:04 PM	Vitals
	03:04 PM	Treatment
	03:04 PM	Vitals
	03:04 PM	Treatment
	03:04 PM	Vitals
	03:05 PM	Treatment
	03:05 PM	Vitals
	03:05 PM	Vitals
	03:06 PM	Vitals
	03:09 PM	Treatment
	03:42 PM	Vitals
	03:46 PM	Treatment
	03:46 PM	Vitals
03:54 PM	Treatment	
03:54 PM	Vitals	
03:56 PM	Treatment	
03:56 PM	Vitals	

B6

Client: **B6**
Patient:

Patient History

04:02 PM	Treatment
04:02 PM	Vitals
04:19 PM	Purchase
04:19 PM	Purchase
04:19 PM	Purchase
04:19 PM	Purchase
04:19 PM	Purchase
04:26 PM	Labwork
04:50 PM	Vitals
05:05 PM	Vitals
05:27 PM	Treatment
05:27 PM	Vitals
05:29 PM	Treatment
05:29 PM	Vitals
05:30 PM	Treatment
05:30 PM	Vitals
05:47 PM	Treatment
06:04 PM	Purchase
06:15 PM	Purchase
06:44 PM	Treatment
06:44 PM	Treatment
06:44 PM	Vitals
06:44 PM	Treatment
06:44 PM	Vitals
06:44 PM	Treatment
07:13 PM	Treatment
07:13 PM	Vitals
07:24 PM	Treatment
07:24 PM	Vitals
07:25 PM	Treatment
07:25 PM	Vitals
07:25 PM	Treatment
07:25 PM	Vitals
07:27 PM	Treatment
07:27 PM	Vitals
07:27 PM	Treatment
07:27 PM	Vitals
07:31 PM	Treatment
07:31 PM	Vitals
07:31 PM	Treatment
07:31 PM	Vitals
07:32 PM	Treatment
07:32 PM	Vitals
08:01 PM	Purchase
09:15 PM	Purchase
09:18 PM	Labwork
09:28 PM	Treatment
09:28 PM	Vitals

B6

B6

Client: **B6**
Patient:

Patient History

09:29 PM Treatment
09:29 PM Vitals
09:29 PM Treatment
09:47 PM Treatment
09:47 PM Vitals
10:06 PM Treatment
10:06 PM Vitals
10:06 PM Treatment
10:06 PM Vitals
10:07 PM Vitals
10:08 PM Vitals
11:10 PM Treatment
11:10 PM Vitals
11:12 PM Treatment

11:13 PM Treatment
11:13 PM Vitals
11:14 PM Treatment
11:14 PM Vitals
11:15 PM Treatment
11:15 PM Vitals
11:15 PM Treatment
11:15 PM Vitals
11:15 PM Treatment
11:15 PM Vitals
11:15 PM Treatment
11:15 PM Vitals
11:17 PM Treatment
11:17 PM Vitals
11:18 PM Treatment
11:18 PM Vitals
11:33 PM Treatment

11:33 PM Treatment
11:33 PM Vitals
01:10 AM Treatment
01:10 AM Vitals
01:11 AM Treatment
01:11 AM Vitals
01:11 AM Treatment
01:11 AM Treatment
01:11 AM Vitals
01:11 AM Treatment
01:11 AM Vitals
01:31 AM Treatment
01:31 AM Vitals
02:13 AM Purchase
03:36 AM Treatment
03:36 AM Vitals
03:36 AM Treatment
03:36 AM Vitals
03:36 AM Treatment

B6

B6

Client: **B6**
Patient:

Patient History

03:36 AM Vitals
03:36 AM Treatment
03:36 AM Vitals
03:37 AM Treatment
03:37 AM Vitals
03:37 AM Treatment
03:37 AM Vitals
03:37 AM Treatment
03:37 AM Vitals
03:37 AM Treatment
03:37 AM Vitals
03:38 AM Treatment
03:38 AM Vitals
03:50 AM Treatment
03:50 AM Vitals
04:39 AM Treatment
04:39 AM Vitals
05:05 AM Treatment
05:05 AM Vitals
05:14 AM Treatment
05:18 AM Treatment

05:18 AM Treatment
05:18 AM Vitals
05:18 AM Treatment
05:18 AM Vitals
05:19 AM Treatment
05:19 AM Vitals
05:56 AM Purchase
06:09 AM Treatment
06:25 AM Treatment

07:59 AM Treatment
07:59 AM Vitals
08:00 AM Treatment
08:00 AM Vitals
08:00 AM Treatment
08:00 AM Vitals
08:08 AM Treatment
08:08 AM Vitals
08:09 AM Treatment
08:09 AM Vitals
08:09 AM Treatment
08:09 AM Vitals
08:10 AM Treatment
08:10 AM Vitals
10:15 AM Vitals
10:25 AM Treatment
10:25 AM Vitals
10:38 AM Treatment

10:39 AM Treatment

B6

B6

Client: **B6**
Patient:

Patient History

	10:40 AM	Treatment
	10:41 AM	Treatment
	10:43 AM	Prescription
	10:43 AM	Prescription
	11:10 AM	Prescription
	11:21 AM	Treatment
	11:22 AM	Treatment
	11:24 AM	Treatment
	11:40 AM	Purchase
	11:41 AM	Purchase
	11:52 AM	Purchase
	11:56 AM	Treatment
	11:56 AM	Vitals
	11:57 AM	Treatment
	11:57 AM	Vitals
	11:57 AM	Treatment
	11:57 AM	Vitals
	11:57 AM	Treatment
	11:57 AM	Vitals
	11:57 AM	Treatment
	11:57 AM	Vitals
	11:57 AM	Treatment
	11:57 AM	Vitals
	01:22 PM	Treatment
	01:22 PM	Vitals
	01:23 PM	Treatment
	01:23 PM	Vitals
	01:23 PM	Treatment
	01:23 PM	Vitals
	01:31 PM	Treatment
	01:31 PM	Vitals
	01:32 PM	Treatment
	01:32 PM	Vitals
	01:39 PM	Prescription
	01:41 PM	Prescription
	02:11 PM	Treatment
	02:11 PM	Treatment
	02:11 PM	Vitals
	02:15 PM	Purchase
	02:15 PM	Purchase
	02:15 PM	Treatment
	02:15 PM	Vitals
	02:15 PM	Treatment
	02:15 PM	Vitals
	02:27 PM	Treatment

B6

B6

Client: **B6**
Patient:

Patient History

02:27 PM	Vitals
03:57 PM	Treatment
03:57 PM	Vitals
03:57 PM	Treatment
03:57 PM	Vitals
04:08 PM	Treatment
04:08 PM	Vitals
04:09 PM	Treatment
04:09 PM	Vitals
04:09 PM	Treatment
04:09 PM	Vitals
05:24 PM	Treatment
05:24 PM	Vitals
05:33 PM	Treatment
05:48 PM	Treatment
05:48 PM	Vitals
05:52 PM	Treatment
05:53 PM	Treatment
05:53 PM	Vitals
05:53 PM	Treatment
05:53 PM	Vitals
05:54 PM	Treatment
05:54 PM	Vitals
05:54 PM	Treatment
05:54 PM	Vitals
05:55 PM	Treatment
05:55 PM	Vitals
05:58 PM	Treatment
05:58 PM	Vitals
05:58 PM	Treatment
06:07 PM	Purchase
07:23 PM	Treatment
07:23 PM	Vitals
07:42 PM	Treatment
07:42 PM	Vitals
07:42 PM	Treatment
07:42 PM	Vitals
07:43 PM	Treatment
07:43 PM	Vitals
07:52 PM	Vitals
08:54 PM	Treatment
08:54 PM	Vitals
09:08 PM	Treatment
09:08 PM	Vitals
09:12 PM	Treatment
09:12 PM	Vitals
09:12 PM	Treatment
09:12 PM	Vitals

B6

B6

Client: **B6**
Patient:

Patient History

09:12 PM	Treatment
09:12 PM	Vitals
09:13 PM	Treatment
09:13 PM	Vitals
09:21 PM	Treatment
09:21 PM	Vitals
11:30 PM	Treatment
11:30 PM	Vitals
11:33 PM	Treatment
11:33 PM	Vitals
11:33 PM	Treatment
12:20 AM	Treatment
12:20 AM	Vitals
12:57 AM	Treatment
12:57 AM	Vitals
01:36 AM	Treatment
01:36 AM	Vitals
01:37 AM	Treatment
01:37 AM	Vitals
01:37 AM	Treatment
01:37 AM	Vitals
01:38 AM	Treatment
01:38 AM	Vitals
01:38 AM	Treatment
01:38 AM	Vitals
01:38 AM	Treatment
01:38 AM	Vitals
01:38 AM	Treatment
01:38 AM	Vitals
02:13 AM	Purchase
02:35 AM	Treatment
02:35 AM	Vitals
03:14 AM	Treatment
03:14 AM	Vitals
03:14 AM	Treatment
03:14 AM	Vitals
03:48 AM	Treatment
03:48 AM	Vitals
04:24 AM	Treatment
05:22 AM	Treatment
05:22 AM	Treatment
05:22 AM	Vitals
05:30 AM	Treatment
05:30 AM	Vitals
05:30 AM	Treatment
05:31 AM	Vitals
05:31 AM	Treatment

B6

B6

Client: **B6**
Patient:

Patient History

05:31 AM	Treatment
05:31 AM	Vitals
05:31 AM	Treatment
05:31 AM	Vitals
05:45 AM	Treatment
05:45 AM	Vitals
07:52 AM	Treatment
07:52 AM	Vitals
07:53 AM	Treatment
07:53 AM	Vitals
07:53 AM	Treatment
07:53 AM	Vitals
08:32 AM	Prescription
08:33 AM	Prescription
08:34 AM	Prescription
08:35 AM	Prescription
08:36 AM	Prescription
08:36 AM	UserForm
08:37 AM	Treatment
08:44 AM	Treatment
08:44 AM	Treatment
08:52 AM	Treatment
08:52 AM	Treatment
08:52 AM	Vitals
09:31 AM	Treatment
10:10 AM	Treatment
10:10 AM	Vitals
10:10 AM	Treatment
10:10 AM	Treatment
10:13 AM	Treatment
10:13 AM	Vitals
10:13 AM	Treatment
10:13 AM	Vitals
10:13 AM	Treatment
10:13 AM	Vitals
10:22 AM	Treatment
10:22 AM	Treatment
11:03 AM	Treatment
11:08 AM	Treatment
11:08 AM	Vitals
11:26 AM	Treatment
11:37 AM	Treatment

B6

B6

Client: **B6**
Patient:

Patient History

11:37 AM	Treatment
11:37 AM	Vitals
01:24 PM	Treatment
01:24 PM	Vitals
01:24 PM	Treatment
01:24 PM	Vitals
01:24 PM	Vitals
01:26 PM	Treatment
01:26 PM	Vitals
02:15 PM	Purchase
02:45 PM	Purchase
02:57 PM	Treatment
02:57 PM	Vitals
03:53 PM	Treatment
03:53 PM	Vitals
03:55 PM	Purchase
04:00 PM	Labwork
04:02 PM	Treatment
04:32 PM	Treatment
05:33 PM	Treatment
05:33 PM	Vitals
05:34 PM	Treatment
05:39 PM	Treatment
05:39 PM	Vitals
05:40 PM	Treatment
05:40 PM	Vitals
05:40 PM	Treatment
05:40 PM	Vitals
05:52 PM	Vitals
07:04 PM	Treatment
07:05 PM	Treatment
07:05 PM	Vitals
08:33 PM	Purchase
09:29 PM	Treatment
09:29 PM	Vitals
09:30 PM	Treatment
09:30 PM	Vitals
09:32 PM	Treatment
09:32 PM	Vitals
09:45 PM	Treatment
09:45 PM	Vitals
11:05 PM	Treatment
11:31 PM	Treatment
11:31 PM	Vitals
11:32 PM	Treatment

B6

B6

Client: **B6**
Patient:

Patient History

11:32 PM	Vitals
01:01 AM	Treatment
01:01 AM	Vitals
01:03 AM	Treatment
01:03 AM	Vitals
01:03 AM	Treatment
01:03 AM	Vitals
01:03 AM	Vitals
01:04 AM	Treatment
01:04 AM	Vitals
01:05 AM	Treatment
03:04 AM	Treatment
03:04 AM	Vitals
03:04 AM	Treatment
03:04 AM	Treatment
03:04 AM	Vitals
04:36 AM	Treatment
04:36 AM	Vitals
04:36 AM	Treatment
04:36 AM	Vitals
04:37 AM	Treatment
04:37 AM	Vitals
04:37 AM	Treatment
07:35 AM	Treatment
07:35 AM	Vitals
07:35 AM	Vitals
07:54 AM	Treatment
07:54 AM	Vitals
07:54 AM	Treatment
07:54 AM	Vitals
07:56 AM	Treatment
07:56 AM	Vitals
08:14 AM	Purchase
09:10 AM	Prescription
09:11 AM	Prescription
09:11 AM	Prescription
09:12 AM	Prescription
09:12 AM	Prescription
09:13 AM	Treatment
09:13 AM	Vitals
09:13 AM	Purchase
09:18 AM	Treatment
09:18 AM	Vitals

B6

B6

Client: **B6**
Patient:

Patient History

09:19 AM	Treatment
09:19 AM	Vitals
09:20 AM	Treatment
09:26 AM	Purchase
09:29 AM	Treatment
09:29 AM	Vitals
09:29 AM	Vitals
09:29 AM	Purchase
09:41 AM	Labwork
09:41 AM	Treatment
09:42 AM	Treatment
09:42 AM	Vitals
10:15 AM	Treatment
10:15 AM	Treatment
10:15 AM	Treatment
10:30 AM	Vitals
11:10 AM	Treatment
11:10 AM	Vitals
11:22 AM	Treatment
01:11 PM	Treatment
01:11 PM	Vitals
01:11 PM	Vitals
01:11 PM	Treatment
01:11 PM	Vitals
01:15 PM	Treatment
01:15 PM	Vitals
02:15 PM	Purchase
03:09 PM	Vitals
03:40 PM	Treatment
03:40 PM	Treatment
03:40 PM	Vitals
05:11 PM	Treatment
05:11 PM	Vitals
05:22 PM	Treatment
05:22 PM	Treatment
05:22 PM	Vitals
05:22 PM	Vitals
05:23 PM	Treatment
05:23 PM	Vitals
05:23 PM	Vitals

B6

B6

Client: **B6**
Patient:

Patient History

05:26 PM Treatment
05:26 PM Vitals
07:45 PM Treatment
07:45 PM Vitals
07:50 PM Treatment

08:16 PM Purchase

09:14 PM Treatment
09:14 PM Vitals
09:14 PM Treatment
09:14 PM Vitals
09:14 PM Treatment
09:14 PM Vitals
09:14 PM Vitals
11:26 PM Treatment
11:26 PM Vitals
11:31 PM Treatment
11:31 PM Vitals
01:14 AM Treatment
01:14 AM Vitals
01:14 AM Vitals
01:18 AM Treatment

01:18 AM Treatment
01:18 AM Vitals
01:19 AM Treatment
01:19 AM Vitals
01:21 AM Treatment
01:21 AM Vitals
03:04 AM Treatment
03:04 AM Vitals
03:27 AM Treatment

03:27 AM Treatment

05:17 AM Treatment
05:17 AM Vitals
05:23 AM Treatment
05:23 AM Vitals

05:39 AM Treatment
05:39 AM Vitals
05:39 AM Vitals
07:15 AM Treatment
07:15 AM Vitals
08:14 AM Purchase

09:09 AM Treatment
09:09 AM Vitals

B6

B6

Client: **B6**
Patient:

Patient History

09:09 AM	Vitals
09:25 AM	Prescription
09:33 AM	Prescription
09:34 AM	Prescription
10:18 AM	Treatment
10:18 AM	Vitals
10:18 AM	Treatment
10:26 AM	Treatment
10:26 AM	Vitals
10:26 AM	Vitals
10:49 AM	Treatment
10:49 AM	Treatment
10:49 AM	Vitals
10:49 AM	Treatment
10:49 AM	Vitals
10:49 AM	Treatment
10:50 AM	Vitals
11:12 AM	Vitals
11:24 AM	Purchase
11:24 AM	Purchase
11:24 AM	Purchase
11:25 AM	Purchase
11:25 AM	Purchase
11:55 AM	Treatment
12:10 PM	Prescription
01:03 PM	Purchase
01:07 PM	Purchase
01:07 PM	Purchase
01:15 PM	UserForm
01:36 PM	Treatment
01:36 PM	Vitals
01:50 PM	Treatment
01:50 PM	Vitals
02:15 PM	Purchase
02:31 PM	Treatment
02:31 PM	Vitals
02:31 PM	Vitals
08:14 PM	Email
03:57 PM	UserForm
09:35 AM	Appointment
10:12 AM	Vitals
11:20 AM	Purchase
11:21 AM	Purchase
08:07 AM	Appointment

B6

B6

Client: **B6**
Patient:

Patient History

	10:43 AM	Appointment	
	05:38 PM	UserForm	
	05:38 PM	UserForm	
	05:49 PM	Purchase	
	06:09 PM	Vitals	
	06:27 PM	Email	
	07:48 AM	Purchase	
	07:55 AM	Labwork	
	07:55 AM	Purchase	
	07:56 AM	Purchase	
	07:57 AM	UserForm	
	07:59 AM	UserForm	
	08:13 AM	Purchase	
	08:20 AM	Vitals	
	08:20 AM	Vitals	
	08:20 AM	Vitals	
	08:20 AM	Vitals	
	08:21 AM	Purchase	
	08:22 AM	Purchase	
	08:22 AM	Purchase	
B6	09:02 AM	Treatment	B6
	09:02 AM	Vitals	
	09:23 AM	Treatment	
	09:23 AM	Vitals	
	09:24 AM	Treatment	
	09:24 AM	Treatment	
	09:24 AM	Vitals	
	09:27 AM	Treatment	
	09:27 AM	Vitals	
	09:27 AM	Vitals	
	09:28 AM	Purchase	
	09:28 AM	Purchase	
	09:29 AM	Vitals	
	10:06 AM	Vitals	
	11:03 AM	Treatment	
	11:03 AM	Vitals	
	11:03 AM	Vitals	
	11:03 AM	Treatment	
	11:03 AM	Vitals	
	11:44 AM	Treatment	
	11:44 AM	Vitals	
	11:44 AM	Vitals	
	11:44 AM	Treatment	

Client: **B6**
Patient:

Patient History

B6	11:44 AM	Vitals
	12:48 PM	Treatment
	12:48 PM	Vitals
	12:48 PM	Vitals
	01:05 PM	Treatment
	01:05 PM	Vitals
	01:05 PM	Treatment
	01:09 PM	Purchase
	01:49 PM	Treatment
	02:00 PM	Treatment
	02:00 PM	Vitals
	02:00 PM	Treatment
	02:00 PM	Vitals
	02:00 PM	Vitals
	02:46 PM	Purchase
	02:46 PM	Purchase
	02:46 PM	Treatment
	04:08 PM	Purchase
	04:08 PM	Vitals
	04:16 PM	Vitals
	04:16 PM	Treatment
	04:16 PM	Vitals
	04:16 PM	Vitals
	04:16 PM	Treatment
	04:16 PM	Vitals
	04:29 PM	Vitals
	04:30 PM	Purchase
	04:31 PM	Treatment
	04:38 PM	Prescription
	04:41 PM	Treatment
04:41 PM	Vitals	
04:48 PM	Treatment	
04:48 PM	Vitals	
04:48 PM	Vitals	
04:55 PM	Treatment	
04:55 PM	Vitals	
05:29 PM	Treatment	
05:29 PM	Treatment	
05:29 PM	Vitals	
05:30 PM	Treatment	

B6

Client:
Patient:

B6

Patient History

05:33 PM	Treatment
05:33 PM	Vitals
05:33 PM	Vitals
05:33 PM	Treatment
05:38 PM	Treatment
05:38 PM	Vitals
05:55 PM	Treatment
05:55 PM	Vitals
05:55 PM	Vitals
07:04 PM	Treatment
07:04 PM	Vitals
07:04 PM	Vitals
07:04 PM	Treatment
07:04 PM	Vitals
07:05 PM	Vitals
07:08 PM	Vitals
07:20 PM	Treatment
07:20 PM	Vitals
07:22 PM	Treatment
07:22 PM	Vitals
07:41 PM	Treatment
07:42 PM	Vitals
07:42 PM	Vitals
07:42 PM	Vitals
07:42 PM	Vitals
07:43 PM	Treatment
07:43 PM	Vitals
08:58 PM	Treatment
08:58 PM	Vitals
08:58 PM	Vitals
08:58 PM	Treatment
08:58 PM	Treatment
08:58 PM	Vitals
09:01 PM	Treatment
09:01 PM	Vitals
09:13 PM	Purchase
10:03 PM	Treatment
10:03 PM	Vitals
10:03 PM	Vitals
10:04 PM	Treatment
10:04 PM	Vitals
11:03 PM	Treatment
11:03 PM	Vitals
11:03 PM	Vitals

B6

B6

Client: **B6**
Patient:

Patient History

11:04 PM	Treatment
11:04 PM	Vitals
12:28 AM	Treatment
12:28 AM	Vitals
12:28 AM	Vitals
12:28 AM	Treatment
12:28 AM	Vitals
01:05 AM	Treatment
01:05 AM	Vitals
01:05 AM	Vitals
01:05 AM	Treatment
01:05 AM	Treatment
01:05 AM	Vitals
01:06 AM	Vitals
01:06 AM	Treatment
01:06 AM	Treatment
01:06 AM	Vitals
01:26 AM	Treatment
01:26 AM	Vitals
02:15 AM	Treatment
02:15 AM	Vitals
02:15 AM	Vitals
02:15 AM	Treatment
02:15 AM	Vitals
03:13 AM	Treatment
03:13 AM	Vitals
03:13 AM	Vitals
03:13 AM	Treatment
03:13 AM	Vitals
04:06 AM	Treatment
04:06 AM	Vitals
04:06 AM	Vitals
04:06 AM	Treatment
04:06 AM	Vitals
04:46 AM	Treatment
04:47 AM	Treatment
04:47 AM	Vitals
04:47 AM	Vitals
05:10 AM	Treatment
05:10 AM	Vitals
05:23 AM	Treatment
05:23 AM	Vitals
05:23 AM	Treatment

B6

B6

Client: **B6**
Patient:

Patient History

	05:23 AM	Vitals	
	05:24 AM	Treatment	
	05:24 AM	Vitals	
	05:58 AM	Treatment	
	05:59 AM	Vitals	
	05:59 AM	Vitals	
	05:59 AM	Treatment	
	05:59 AM	Vitals	
	07:24 AM	Treatment	
	07:24 AM	Vitals	
	07:24 AM	Vitals	
	07:32 AM	Treatment	
	07:32 AM	Vitals	
	07:54 AM	Treatment	
	07:54 AM	Vitals	
	07:54 AM	Vitals	
	07:54 AM	Treatment	
	07:54 AM	Vitals	
B6	07:59 AM	Treatment	
	07:59 AM	Vitals	
	08:12 AM	Treatment	
	08:41 AM	Treatment	
	08:41 AM	Vitals	
	08:41 AM	Vitals	
	08:44 AM	Treatment	
	08:44 AM	Vitals	
	09:00 AM	Treatment	
	09:00 AM	Vitals	
	09:11 AM	Purchase	
	09:11 AM	Purchase	
	09:45 AM	Treatment	
	09:45 AM	Treatment	
	09:45 AM	Vitals	
	09:45 AM	Vitals	
	10:09 AM	Treatment	
	10:09 AM	Vitals	
	10:09 AM	Treatment	
	10:09 AM	Vitals	
	10:09 AM	Treatment	
	10:09 AM	Vitals	
	10:09 AM	Treatment	

B6

Client: **B6**
Patient:

Patient History

	10:09 AM	Vitals	
	10:48 AM	Treatment	
	10:48 AM	Vitals	
	10:48 AM	Vitals	
	10:49 AM	Treatment	
	10:49 AM	Vitals	
	11:22 AM	Purchase	
	11:43 AM	Purchase	
	11:48 AM	Treatment	
	11:48 AM	Vitals	
	11:48 AM	Vitals	
	11:53 AM	UserForm	
	12:12 PM	Treatment	
	12:12 PM	Vitals	
	12:33 PM	Labwork	
	12:39 PM	Treatment	
	12:39 PM	Treatment	
	12:39 PM	Vitals	
	12:50 PM	Treatment	
B6	12:50 PM	Vitals	B6
	12:50 PM	Vitals	
	12:51 PM	Treatment	
	12:51 PM	Vitals	
	01:22 PM	Treatment	
	01:22 PM	Vitals	
	01:54 PM	Treatment	
	01:54 PM	Vitals	
	01:55 PM	Treatment	
	01:55 PM	Vitals	
	01:55 PM	Vitals	
	02:46 PM	Treatment	
	02:46 PM	Vitals	
	02:46 PM	Vitals	
	02:47 PM	Treatment	
02:47 PM	Vitals		
03:44 PM	Treatment		
03:44 PM	Vitals		
03:44 PM	Vitals		
03:45 PM	Vitals		
03:45 PM	Vitals		
03:45 PM	Treatment		
03:45 PM	Vitals		
05:14 PM	Prescription		
05:14 PM	Treatment		

Client: **B6**
Patient:

Patient History

B6	05:14 PM	Vitals
	05:14 PM	Vitals
	05:14 PM	Treatment
	05:15 PM	Treatment
	05:15 PM	Vitals
	05:15 PM	Prescription
	05:17 PM	Prescription
	05:38 PM	Treatment
	05:38 PM	Treatment
	05:38 PM	Vitals
	05:42 PM	Treatment
	05:42 PM	Vitals
	05:42 PM	Treatment
	05:42 PM	Vitals
11:06 AM	Appointment	

B6

B6

B6 Male (Neutered)
Canine Blue Tickhound Tri
Patient ID: **B6**

STANDARD CONSENT FORM

I am the owner, or agent for the owner, of the above described animal and have the authority to execute consent. I hereby authorize the Cummings School of Veterinary Medicine at Tufts University (herein after Cummings School) to prescribe for treatment of said animal according to the following terms and conditions.

Cummings School and its officers, agents and employees will provide such veterinary medical care as they deem reasonable and appropriate under the circumstances.

Cummings School and its officers, agents, and employees will use all reasonable care in the treatment of the above mentioned animal, but will not be liable for any loss or accident that may occur or any disease that may develop as a result of the care and treatment provided.

I understand that the above identified animal may be treated by Cummings School students under the supervision and assistance of Cummings School staff members.

In executing this form, I hereby expressly acknowledge that risks, benefits and alternative forms of treatment have been explained to me. I understand said explanation, and I consent to treatment. Should any additional treatments or diagnostics be required during the continued care of my animal, I understand that I will be given the opportunity to discuss and consent to these additional procedures. I understand that further or additional treatment may be required without an opportunity for discussion and consideration by me, in the case of the development of any life-threatening emergency during the continued care of my animal and I expressly consent to all such reasonable treatment as required. I realize and understand that results cannot be guaranteed.

If any equipment is left with the animal, it will be accepted with the understanding that Cummings School assumes no responsibility for any loss of equipment that may occur.

I agree to pick up the animal when notified that it is ready for release.

In the event the animal is not picked up, and if ten (10) days have expired since a registered letter was sent to the address given above, notifying me to call for the animal, the animal may be sold or otherwise disposed of in a humane manner and the proceeds applied to the charges incurred in caring and treating the animal. Failure to remove said animal will not and does not relieve me from obligation for the costs of services rendered.

I hereby grant to the Cummings School of Veterinary Medicine at Tufts University, its officers and employees (collectively referred to herein as Cummings School), and its agents and assigns (the Grantees) the irrevocable rights to photograph / videotape the operation or procedure to be performed, including appropriate and otherwise use such photographs and images for, and in connection with, a Grantee's medical, scientific, educational, and publicity purposes, by any means, methods and media (print and electronic) now known or, in the future, developed that the Grantee deems appropriate (provided that such photographs and images may not be used in for-profit commercials, unless such commercials are publicizing educational programs at Cummings School). As medical and surgical treatment necessitates the removal of tissue, cells, fluids or body parts of my animal, I authorize the Grantees to dispose of or use these tissues, cells, fluids or body parts for scientific and

educational purposes.

I understand that a FINANCE CHARGE will be applied to all accounts unpaid after 30 days. The FINANCE CHARGE is computed on a monthly rate of 1.33% per month, which is an annual percentage rate of 16% applied to the average daily balance outstanding, with a minimum fee of \$50.

I do further agree that should any payment, or the full amount of the sum stated above, become overdue more than 20 days from the above-agreed upon time of payment or payments, the entire balance shall be considered in default and become due and payable. I further agree to be responsible for any or all collection agency and/or attorney fees necessary to collect the full amount.

I do further agree to comply with hours of visitation in conjunction with our Hospital's policy.

I have read, understand, and agree to accept the terms and conditions herein.

Owner's name: Date:

Owner's address:

**If the individual admitting the animal is someone other than the legal owner,
please complete the portion below:**

The owner of the animal, , has granted me authority to obtain medical treatment and to bind this owner to pay the veterinary medical services provided at Cummings School pursuant to the terms and conditions described above

Authorized Agent - Please Print

Agent's Signature

Street Address

Date

Town/City State Zip



Foster Hospital for Small Animals

55 Willard Street
North Grafton MA 01536
(508) 839-5395
<http://www.tufts.edu/vet/>
FHSA@tufts.edu

Treatment Plan

Estimated Charges

B6

B6

This estimate is based upon our preliminary examination. The final fee may vary considerably from this estimated cost. Every effort will be made to keep you informed of the current status of your bill throughout your animal's hospitalization.

Patient	Description	Low QIV	Low Extended	High QIV	High Extended
B6					

B6

Doctor of Record: **B6**

I understand that no guarantee of successful treatment is made. I certify that I have read and fully understand the authorization for medical and/or surgical treatment, the reason for why such medical and/or surgical treatment is considered necessary, as well as its advantages and possible complications, if any. I also assume financial responsibility for all charges incurred to this patient(s). I agree to pay 75% of the estimated cost at the time of admission. Additional deposits will be required if additional care or procedures are required. I further agree to pay the balance of the charges when this patient(s) is released.

Procedural billing is inclusive up to and including the estimated duration of hospitalization. There will be additional expenses if hospitalization extends beyond the specified duration.

I have read, understand, and agree to accept the conditions of this treatment plan.

Thank you for entrusting us with your pet's care.

High Total	B6
Low Total	
75% Deposit	



Cummings School of
Veterinary Medicine

Healing Animals. Helping Humans. Transforming Global Health.

Foster Hospital for Small Animals
55 Willard Street
North Grafton, MA 01536
Telephone (508) 839-5395
Fax (508) 839-8739
<http://www.tufts.edu/vet/>

B6

B6 Male (Neutered)
Canine Blue Tickhound Tri
B6

Biopsy Request

Weight: Weight (kg)

Vaccination status:

Doctor to serve as contact:

(if primary contact is not available during business hours, provide a secondary contact, as well)

Phone/pager:

Email:

Total # of anatomic sites sampled (each site will be charged separately): 1

Total # of separate containers submitted: 1

Case summary (include time sequence, therapy, and summary of abnormal clinical pathology and diagnostic imaging findings):

B6

B6

Clinical diagnoses/differentials: Hemangiosarcoma, hematoma
IF AMPUTATION, where is the regional lymph node?

Separate container (best), labeled in situ (next best), unlabeled (may not be ID'd)

Radiology Request & Report

Patient

Name: B6
Species: Canine
Tri Male (Neutered) Coonhound,
Treeing Walker
Birthdate: B6

Owner

Name: B6
Address: B6
B6

Patient ID: B6
Date of request: B6
Date of exam: B6

Attending Clinician: B6 BVMS, DACVECC Student:

Patient Location: Ward/Cage:

Weight (kg) 38.30

- Inpatient
- Outpatient Time:
- Waiting
- Emergency

Sedation

- BAG
- OBAG
- 1/2 dose OBAG
- DexDomitor/Butorphanol
- Anesthesia to sedate/anesthetize

Examination Desired: 3 view thoracic radiographs

Presenting Complaint:

B6

Conclusions: Increased soft tissue opacity within the caudal aspect of the left cranial lung lobe is most likely secondary to atelectasis given the cardiac shift. Follow-up radiographs after the patient has been in sternal recumbency can be considered to better evaluate this finding. No evidence of pulmonary metastatic disease. B6

Radiologists

Primary: [B6] DMM

Reviewing: [B6] BVSc, DACVR

Dates

Reported: [B6]

Finalized: [B6]



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Emergency & Critical Care Liaison: (508) 887-4745

Foster Hospital for Small Animals
55 Willard Street
North Grafton, MA 01536
Telephone (508) 839-5395
Fax (508) 839-8739
<http://www.tufts.edu/vet/>

Patient

Name:

B6

Signalment:

Tri Male (Neutered) Cockerhound, Tressing Walker

B6 Years Old

Patient ID:

B6

Contact Clinician:

B6 DVM

Alternate Clinician:

B6 DVM

Owner

Name:

B6

Address:

Discharge Instructions

Admit Date: B6 8:31:13 AM

Discharge Date: B6

Diagnosis:

- 1.
- 2.
- 3.

B6

Procedures:

B6

Medications:

B6

Diet: As usual

CASE SUMMARY

B6

B6

Case# B6

Owner B6

Discharge Instructions



Cummings School of
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B6

Patient: B6

B6 Male (Neutered)

Canine Coonhound, Treeing Walker

Patient ID: B6

SURGERY REPORT

Date of report: B6

Attending Clinician: B6

Date of procedure: B6

Primary Surgeon: B6

Procedure(s) performed: B6

Report:

B6

Concerns:

Cummings

Veterinary Medical Center

AT TUFTS UNIVERSITY

B6

B6 Male (Neutered)
 Canine Treeing Walker Coonhound
 Tricolor
B6

OCULAR EXAMINATION

Date: 2/27/2019 5:19:06 PM

Chief complaint: **B6** open diagnosis

Attending Ophthalmologist:

B6

<u>OD</u>	<u>Exam</u>	<u>OS</u>
<input type="checkbox"/> Normal <input type="checkbox"/> Decreased <input checked="" type="checkbox"/> Absent Comment:	Menace	<input type="checkbox"/> Normal <input type="checkbox"/> Decreased <input checked="" type="checkbox"/> Absent Comment:
<input type="checkbox"/> Normal <input checked="" type="checkbox"/> Decreased <input type="checkbox"/> Absent Comment:	PLR(Direct)	<input type="checkbox"/> Normal <input checked="" type="checkbox"/> Decreased <input type="checkbox"/> Absent Comment:
<input type="checkbox"/> Normal <input checked="" type="checkbox"/> Decreased <input type="checkbox"/> Absent Comment:	PLR(Indirect)	<input type="checkbox"/> Normal <input checked="" type="checkbox"/> Decreased <input type="checkbox"/> Absent Comment:
<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Decreased <input type="checkbox"/> Absent Comment:	Dazzle	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Decreased <input type="checkbox"/> Absent Comment:
15mm/60 sec	STT(mm/sec)	15mm/60 sec
Comment: wnl	Orbit	Comment: wnl
Comment: wnl	Eyelids	Comment: wnl
Comment: wnl	Nictitating	Comments: wnl

Membranes

Comment: mild injection

Sclera

Comments: mild injection

Comment: wnl

Conjunctiva

Comment: wnl



OD

Exam

OS

Comment: wnl

Cornea

Comment: wnl

Esthesiometry

Comment: 0

Flare

Comment: 0

- Negative
- Positive

Fluorescein

- Negative
- Positive

- Negative
- Positive

Jones Test

- Negative
- Positive

- Negative
- Positive

Rose Bengal

- Negative
- Positive

Comment:

Comment:



OD

mmHg NP

Comment: wnl

Comment: wnl

Exam

IOP

Iris

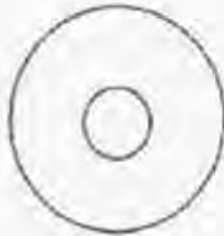
Pupil

OS

mmHg NP

Comment: wnl

Comment: wnl



OD

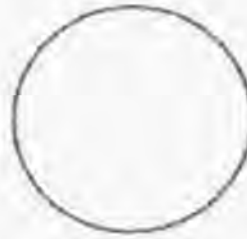
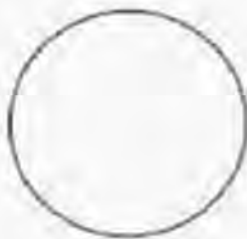
*Comment: nuclear sclerosis vs
purulent cataract*

Exam

Lens

OS

*Comment: nuclear sclerosis vs
purulent cataract*



OD

Comment: wnl

Comment: wnl

Exam

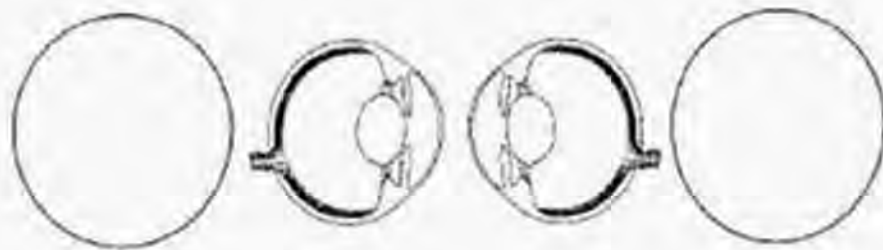
Vitreous

Fundus

OS

Comment: wnl

Comment: wnl



Findings:

- absent menace OU, no dazzle OU,
- purulent cataract OU

Diagnosis:

- open

Therapy:

- BW and UA at rDVM

Photography

Video

Cummings

Veterinary Medical Center

AT TUFTS UNIVERSITY

Foster Hospital for Small Animals
95 Willard Street
North Grafton, MA 01536
Telephone (508) 839-5395
Fax (508) 839-7951
<http://vetmed.tufts.edu/>

Patient

Name:

Signalment:

B6 Years Old Tricolor Male
(Neutered) Treeing Walker
Coonhound

Owner

Name:

Address:

B6

Patient ID:

B6

Contact Clinician:

B6 DVM, PhD, DECVS,
DACVO

Alternate Clinician:

Student:

B6 V19, B6
B6 V19

Discharge Instructions

Admit Date:

2/27/2019 5:19:06 PM

Discharge Date:

2/27/2019

Diagnosis:

1. B6

Procedures:

1. B6

Medications:

No medications prescribed today.

Diet: B6 may continue his normal diet at home.

CASE SUMMARY

General summary:

B6

B6

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance (508-887-4629) to ensure the food is in stock. Alternatively, veterinary diets can be ordered from online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmc/clinical-studies

Case: B6

Owner: B6

Discharge Instructions

Radiology Request & Report

Patient

Name: B6

Species: Canine

Tricolor Male (Neutered) Treeing

Walker Coonhound

Birthdate: B6

Owner

Name: B6

Address: B6

B6

Patient ID: B6

Date of request: 5/21/2019

Attending Clinician: Unassigned Clinician

Student:

Date of exam: 5/21/19

Patient Location: Ward/Cage:

Weight (kg) 39.50

- Inpatient
 Outpatient Time:
 Waiting
 Emergency

Sedation

- BAG
 OBAG
 1/2 dose OBAG
 DexDomitor/Butorphanol
 Anesthesia to sedate/anesthetize

Examination Desired:

3 view thorax

Presenting Complaint and Clinical Questions you wish to answer:

abdominal effusion, suspect DCM
became dyspneic for radiographs at rDVM

Pertinent History:

Findings:

DV THORAX, ONE VIEW.

The pulmonary veins are mildly enlarged compared to the arteries and there is a mild intersitial pattern within the caudal lungs causing mild blurring of the vascular margins. There is the impression of increased soft tissue opacity within the region of the left atrium however the bronchi do not appear to be splayed laterally. The right heart cannot be evaluated on this limited study. The mediastinum and pleural space are normal. The included osseous structures are normal.

Conclusions:

- Pulmonary venous distention, caudal pulmonary interstitial pattern and suspected left atrial enlargement. The primary differential is pulmonary edema due to left congestive heart failure. The right heart cannot be evaluated on this limited evaluation and concurrent right-sided failure cannot be completely excluded given reported abdominal effusion. Echocardiography is recommended as are follow-up radiographs to monitor response to therapy.

If a cardiac cause of the abdominal effusion is not identified, abdominal ultrasound and abdominocentesis for fluid analysis is recommended once the patient is stable enough for further testing.

Radiologists

Primary: B6 DVM

Reviewing: B6 DVM DACVR, B6 DVM, DACVR

Dates

Reported: 5/21/2019

Finalized: 5/22/2019

Discharge Instructions

Patient

Name: B6

Species: Canine

Tricolor Male (Neutered) Treeing Walker
Coonhound

Birthdate: B6

Owner

Name: B6

Address: B6

Patient ID: B6

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Cardiology Technician:

B6

Student: B6 V20

Admit Date: B6 9 AM

Discharge D:

Diagnoses: Chronic valvular disease with mitral regurgitation, suspect leading to congestive heart failure with pulmonary edema and ascites

General summary:

Thank you for bringing the very sweet boy B6 to Tufts! On presentation to the ER, B6 physical exam revealed marked distension of his abdomen and mildly labored breathing. You reported that B6 abdomen has been slowly getting bigger over the last several weeks. He also has a previous medical history of B6 removed in B6.

Following admission to the hospital, B6 was given a moderate dose of B6 a drug that helps to remove fluid from the lungs with the purpose of helping him breathe easier. B6 had an echocardiogram (an ultrasound of the heart) which revealed degenerative changes on one of the valves of his heart- the mitral valve. B6 has a leak at this valve, and this leak has resulted in a loud heart murmur (II/VI) and enlargement of his heart. This problem with the heart valve is a common one in dogs, due to aging changes to the valve that result in thickening and a subsequent leak of the valve. The heart enlargement has now progressed to the point where fluid is backing up into the lungs causing pulmonary edema, a condition called congestive heart failure. He also had bloodwork, urinalysis, and chest x-rays performed. These also showed findings consistent with left-sided congestive heart failure, including a pattern in the chest consistent with fluid in the lungs. Possible nodules in the lungs and liver were noted at your primary care veterinarian on x-ray and during the echocardiogram at tufts, but we have elected not to pursue abdominal ultrasound or further chest x-rays at this time in order to focus on B6 heart.

We cannot do anything to change the thickening or leak at the valve in [B6] heart, but we can use cardiac medications and some changes to the diet to make [B6] comfortable, reduce the fluid in his belly, and have him breathing easier. We have started [B6] on a cardiac medication called pimobendan at this time.

Monitoring at home:

We would like you to monitor [B6] breathing rate and effort at home, ideally during sleep or at a time of rest. The doses of drugs will be adjusted based on the breathing rate and effort. In general, most dogs with heart failure that is well controlled have a breathing rate at rest of less than 35 breaths per minute. In addition, the breathing effort, noted by the amount of belly wall motion used for each breath, is fairly minimal if heart failure is controlled. An increase in breathing rate or effort will usually mean that you should give an extra dose of [B6]. If difficulty breathing is not improved within 30-60 minutes after giving extra [B6] then we recommend that a recheck exam be scheduled and/or that [B6] be evaluated by an emergency clinic. There are instructions for monitoring breathing, and a form to help keep track of breathing rate and drug doses, on the Tufts HeartSmart web site (<http://vet.tufts.edu/heartsmart/at-home-monitoring/>).

We also want you to watch for weakness or collapse, a reduction in appetite, worsening cough, or distention of the belly as these findings indicate that we should do a recheck examination.

You can evaluate the fluid in his belly by using a malleable measuring tape around the same part of his abdomen every other day. If you notice significant increases in size, this may also mean that you should give an extra dose of furosemide.

Recommended Medications:

B6

Diet suggestions:

Dogs with heart failure accumulate more fluid in their body if they eat large amounts of sodium (salt). Sodium can be found in all foods, but some foods are lower in sodium than others. Many treats, most people foods, and the supplements used to give pills often have more sodium than is desirable - a sheet that has suggestions for low sodium treats can be found on the HeartSmart web site. In addition, your dog's usual diet may have more sodium than recommended - we want your dog to eat their usual diet for the first 7 to 14 days so we can make sure they are tolerating medications well, but after that time we would recommend slowly introducing one of the lower sodium diets on the HeartSmart list (25% of the new diet and 75% old diet for 2-3 days, then 50:50, etc.). Hopefully you can find a diet on the list that [B6] likes to eat. Alternatively, you can research the amount of sodium in your dog's current diet to ensure that the sodium content is similar to those on the list. The HeartSmart web site also has some information on supplements such as fish oil, taurine, and other supplements that you might have questions about (<http://vet.tufts.edu/heartsmart/diet/>).

- o The FDA is currently investigating an apparent association between diet and a type of heart disease called dilated cardiomyopathy. The exact cause is still unclear, but it appears to be associated with boutique diets and those containing exotic ingredient or are grain-free. Therefore, we are currently recommending that dogs do not eat these types of diets.
- o We recommend switching B6 to commercial diet made by a well-established company that is not grain-free and does not contain any exotic ingredients, such as kangaroo, duck, lamb, venison, lentils, peas, beans, buffalo, tapioca, barley, and chickpeas.
- o The FDA issued a statement regarding this issue (<https://www.fda.gov/AnimalVeterinary/NewsEvents/CVMUpdates/ucm613305.htm>) and a recent article published by Dr. Lisa Freeman on the Cummings School's Pet Foodology blog can further explain these findings (<http://vetnutrition.tufts.edu/2018/06/a-broken-heart-risk-of-heart-disease-in-boutique-or-grain-free-diets-and-exotic-ingredients/>).
- o Our nutritionists have compiled a list of dog foods that are good options for dogs with heart disease.

Dry Food Options:

Royal Canin Early Cardiac (veterinary diet) .

We have sent B6 home today with samples of the Royal Canin Early Cardiac (veterinary diet) and the Hill's ScienceDiet, both of which he has enjoyed during his hospital stay. You may switch him over to these foods at home for the remainder of the study.

Exercise Recommendations:

For the first 7 to 10 days after starting medications for heart failure we recommend very limited activity. Leash walk only is ideal, and short walks to start. Once heart failure is better controlled then slightly longer walks are acceptable. If B6 is lagging behind or needs to stop then this was too long a walk and shorter walks are advised. High energy activities (repetitive ball chasing, running fast off a leash) are generally not advised at this stage of heart failure.

Recheck Visits: A recheck visit is recommended for B6 in 1 week. At this visit we will want to check B6 breathing effort and heart function, do a blood test to recheck kidney values, and probably recheck a blood pressure. A recheck echocardiogram and/or chest radiographs (x-rays) are recommended in 3 according to the the DOM study he is enrolled in.

Thank you for entrusting us with B6 care. Please contact our Cardiology liaison at (508)-887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

Please visit our HeartSmart website for more information

<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

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Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmc/clinical-studies

Case: B6

Owner: B6

Discharge Instructions

Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY
Cardiology Liaison: 508-887-4696

B6

Patient ID: B6

B6 Canine
Years Old Male (Neutered) Treeing
Walker Coonhound
Tricolor BW: Weight (kg) 39.50

Cardiology Inpatient ENROLLED IN DCM DIET STUDY

Date: 5/21/2019

Weight: Weight (kg) 39.50

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6

Thoracic radiographs available for review?

- Yes - in SS
 Yes - in PACS
 No

Patient location: ICU

Presenting complaint and important concurrent diseases: REF for heart failure
5 weeks increased RR/RE and abdominal distension. RDVM CXR

Current medications and doses: B6

At-home diet: Fromms Gamebird Grain Free

Key indication for consultation: Suspect DCM and RCHF

Is your consult time-sensitive? (e.g., anesthesia today, owner waiting, trying to get biopsy today)

- Yes (explain):
 No

STOP - remainder of form to be filled out by Cardiology

Physical Examination

B6

Mild muscle loss

Marked cachexia

Cardiovascular Physical Exam

Murmur Grade:

None

I/VI

II/VI

III/VI

IV/VI

V/VI

VI/VI

Murmur location/description: systolic; left apical to mid cardiac

Jugular vein:

Bottom 1/3 of the neck

Middle 1/3 of the neck

Top 2/3 of the neck

1/2 way up the neck

Arterial pulses:

Weak

Fair

Good

Strong

Bounding

Pulse deficits

Pulsus paradoxus

Other (describe):

Arrhythmia:

None

Sinus arrhythmia

Premature beats

Bradycardia

Tachycardia

Gallop:

Yes

No

Intermittent

Pronounced

Other:

Pulmonary assessments:

Eupneic

Mild dyspnea

Marked dyspnea

Normal BV sounds

Pulmonary Crackles

Wheezes

Upper airway stridor

Other auscultatory findings:

Abdominal exam:

Normal

Hepatomegaly

Abdominal distension

Mild ascites

Echocardiogram Findings:

B6

B6

Assessment and recommendations:

Findings consistent with advanced DMVD with suspect L-CHF and poor contractile function. Considering LA enlargement and severity of MR and AI, we would expect a better systolic function. **B6**
10mg BID is recommended. Mild respiratory effort and occasional b-lines vote in favor to L-CHF. There is enough cardiac changes to justify L and R CHF. Since patient is on a BEG diet, it is unclear whether diet is playing a role on decreased contractile function. Recommend **B6**

B6

Recheck kidney values and ascites in 7 days and echocardiogram in 3 months.

Treatment plan:

B6

Final Diagnosis:

Advanced DMVD with suspect active L-CHF;

B6

Heart Failure Classification Score:

ISACHC Classification:

- | | |
|--|--|
| <input type="checkbox"/> Ia | <input checked="" type="checkbox"/> IIIa |
| <input checked="" type="checkbox"/> Ib | <input type="checkbox"/> IIIb |
| <input type="checkbox"/> II | |

ACVIM CHF Classification:

- | | |
|--|---------------------------------------|
| <input type="checkbox"/> A | <input checked="" type="checkbox"/> C |
| <input checked="" type="checkbox"/> B1 | <input type="checkbox"/> D |
| <input type="checkbox"/> B2 | |

M-Mode

IVSd

LVIDd

LVPWd

IVSs

LVIDs

LVPWs

EDV(Teich)

ESV(Teich)

EF(Teich)

%FS

SV(Teich)

Ao Diam

LA Diam

LA/Ao

Max LA

Time

HR

CO(Teich)

CI(Teich)

TAPSE

B6

cm
cm
cm
cm
cm
ml
ml
%
%
ml
cm
cm
cm
ms
BPM
l/min
l/minm
cm

M-Mode Normalized

IVSdN

LVIDdN

LVPWdN

IVSsN

LVIDsN

LVPWsN

Ao Diam N

LA Diam N

B6

{0.290 - 0.520} !
{1.350 - 1.730} !
{0.330 - 0.530}
{0.430 - 0.710}
{0.790 - 1.140} !
{0.530 - 0.780}
{0.680 - 0.890}
{0.640 - 0.900} !

2D

SA LA

Ao Diam

SA LA / Ao Diam

IVSd

LVIDd

LVPWd

EDV(Teich)

IVSs

LVIDs

LVPWs

ESV(Teich)

EF(Teich)

B6

cm
cm
cm
ml
cm
cm
cm
ml
%

%FS
SV(Teich)
RVOT Diam
LVld A4C
LVEDV MOD A4C
LVls A4C
LVESV MOD A4C
LVEF MOD A4C
SV MOD A4C

Doppler

MR Vmax
MR maxPG
MV E Vel
MV DecT
MV Dec Slope
MV A Vel
MV E/A Ratio
E'
E/E'
A'
AV Vmax
AV maxPG
AR Vmax
AR maxPG
PV Vmax
PV maxPG
TR Vmax
TR maxPG

B6

B6

%
ml
cm
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mmHg
m/s
ms
m/s
m/s

m/s

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From: Norris, Anne </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=891982B43D804C9396555BAF36C73DE1-ANNE.NORRIS>
To: Rotstein, David; Hartogensis, Martine; Jones, Jennifer L; Burkholder, William; Palmer, Lee Anne; DeLancey, Siobhan
Sent: 9/11/2018 3:22:33 PM
Subject: RE: Feedback on the September 4 webinar

Here's the editor-in-chief's blog post about the DCM webinar:

Update: FDA pet food ingredient and DCM investigation

September 10, 2018
Debbie Phillips-Donaldson



On July 12, the Food and Drug Administration (FDA) issued an advisory alerting U.S. pet food companies, veterinarians, retailers and the public that it was investigating a recent outbreak of atypical cases of canine dilated cardiomyopathy (DCM) with a possible link to pet food ingredients used in popular grain-free and similar products.

Naturally, this announcement sparked a lot of concern and discussion in the industry, so Petfood Industry held a webinar on September 4 to provide an update on FDA's investigation. Though we organized it quickly, confirming the speakers and announcing it only about two weeks before the broadcast date (which was the morning after the U.S. Labor Day holiday, to boot), we had record numbers of registrants, participants during the live broadcast and questions and comments posed. That just illustrates just how much this issue is resonating.

Martine Hartogensis, D.V.M., deputy director at FDA's Center for Veterinary Medicine's Office of Surveillance and Compliance, was one of the webinar speakers. She explained the events leading up to and since the advisory.

FDA report on DCM investigation, number of cases

Six to seven months ago, a group of veterinary cardiologists informed FDA that they were seeing a pattern of dogs showing signs of DCM that did not belong to breeds known to have a genetic predisposition to the condition, Hartogensis said. There were about 150 cases reported by the cardiologists, and most of the dogs had been eating grain-free dog foods as their sole diets.

This prompted FDA to check its database for similar complaints reported directly to them, of which they found about 30. When they studied those cases more closely, they saw similarities in the types of foods the dogs were eating. At that point, they also measured the level of taurine in both the foods and the dogs, since taurine deficiency has been shown to lead to DCM, at least in cats. FDA did not find low taurine levels in the foods in those 30 cases but did in some of the dogs.

The advisory came next, which Hartogensis characterized as a mechanism for her agency to get more information, including about affected dogs' taurine status, and to see if there were other cases not reported or

known to the veterinary cardiologists.

The advisory resulted in 149 new cases overall of DCM reported to FDA:

- 145 cases involving 160 dogs (some cases involved more than one dog) and 39 deaths; these cases were all from 2017 and, mainly, 2018;
- Four cases involving eight cats and one death; these were all older reports, dating back to 2015 or 2016;
- With the new cases, about 90 percent of the dogs had histories of eating diets labeled grain free — not just grain free, Hartogensis emphasized, but diets also containing a high proportion of legumes and pulses (peas, lentils, chickpeas) or potatoes.

FDA partners with a network of about 40 veterinary diagnostic labs nationwide to help it investigate complaints and issues like this, Hartogensis explained, and they are now doing a prospective study with that network focusing on several things, including taurine. “Of course, dogs can make their own taurine from cystine and methionine, so we’re looking at all three — taurine, cystine and methionine — in the foods and in the dogs as well,” she added.

Breakdown of cases and what dogs were eating

The webinar included two other speakers: Lisa Freeman, Ph.D., professor at [Cummings School of Veterinary Medicine at Tufts University](#); and [Greg Aldrich, Ph.D.](#), president of Pet Food & Ingredient Technology Inc. and research associate professor and pet food program coordinator at Kansas State University. They provided clarification and additional information related to their areas of expertise.

For example, Freeman, who is board-certified by the American College of Veterinary Nutrition, emphasized that no one should think of this situation as being just about a taurine deficiency or just about grain-free diets. She has communicated with veterinary cardiology groups and obtained information from them showing three different groups of dogs with DCM now:

- Standard cases in breeds typically predisposed to the condition
- A new group of dogs with taurine deficiency and DCM, of both typical and atypical breeds — and their conditions have improved with a change in diet.
- Another new group of diet-related cases, but these dogs (again of typical and atypical breeds) are not at all taurine deficient. This is the majority of the cases, Freeman added.

“Clinically, most of the cases we’ve seen or that have been reported involve grain-free diets, but not all,” she commented later during the question-and-answer part of the webinar. Some featured other novel, exotic ingredients or fell into the category of what she called “boutique” diets, meaning specialty pet foods or ones from smaller pet food companies.

“It’s important to keep our minds open to what the cause of this could be until we truly understand it,” Freeman said. “For taurine deficiencies, there could be genetic causes, an absolute deficiency of taurine or its precursors in the diet, or reduced bioavailability of those nutrients in the diet. Even altered taurine metabolism in the intestine due to interactions between the diet and microbes in the intestine.”

Correlations and associations, no direct studies in pets

Aldrich echoed some of Freeman’s comments regarding [interactions in the intestine](#), as well as some of the novel ingredients in the diets involved and the lack of publicly available research on their use in pets, compared to the relatively much larger amount of research on more traditional ingredients.

“We had 50 years of research on corn and wheat and soy as ingredients in foods for pets, and we had a lot of understanding about them,” he said. “But when you get into some of these ingredients, and I’ll point to even peas

and lentils, there's a fair amount of research on those for human nutrition, but you could count the number of research studies on one hand on the use of them in the dog and cat. That doesn't mean the companies haven't done those research projects internally, but we just don't see those in the public domain."

Aldrich provided some data from available pet food research but cautioned it did not provide much direction or guidance for the current DCM situation. "Much of today is speculation," he continued. "We're seeing correlations and associations, but there have been no direct studies of these legume seeds and their effect on taurine." He added that the jury is still out on the role, if any, of the novel proteins and legumes in the diets associated with these new cases of DCM.

The same goes for the other carb sources implicated, tubers/potatoes. Aldrich said he could find no evidence to show that potatoes would be involved in depletion of taurine. Further, they're not really a net contributor of protein or amino acids to the diet. "So there must be some other factor associated with tubers, potatoes specifically, that could cause some mis-formulation or oversight in regard to bioavailability of key building blocks (amino acids)."

Aldrich also pointed out the significant influence of today's pet owners, who want pet food products more like their own diets. That creates challenges for pet food manufacturers and nutritionists, especially with popular categories like limited ingredient diets, to ensure that all the necessary nutritional components are in the foods.

"This world of pet nutrition has gotten much more complicated. And at the same time, some pet food companies, in response to pressure from animal activist groups, have diminished the amount of validation they do with their diets," Aldrich said. "Maybe this is an opportunity to look back across our nutritional platforms and make sure we're properly balancing the diets, validating their nutritional efficacies and putting products into the marketplace that we truly have confidence will support the animal's nutrition."

Aldrich summed up the current situation by classifying it as classic amino acid nutrition, saying it's his hunch that the industry and FDA will finally resolve this by finding that the problem is some sort of under-formulation related to the bioavailability of key amino acids like methionine and cystine.

Will collaboration lead to much-needed pet nutrition research?

Though U.S. pet food companies may sometimes be at odds with FDA, industry and government also find the need and motivation to work together at other times — and this seems to be one of them. "We've been working very closely with our pet food industry counterparts," Hartogensis said. "We came to them actually before we issued the advisory to notify them we were seeing this issue. They really put forward a great effort not only to look at the ingredients but also the formulations of the diets, and we've asked them to do that as well, because that's not information we get."

Upon questioning, she clarified that this collaboration was mostly through the [Pet Food Institute](#), which represents about 90 percent of the U.S. pet food industry. (Aldrich did point out that some of the smaller companies that might be most affected by this DCM issue may not be members of the association, which is one reason we held the webinar.)

Any level of collaboration is positive, and while the issue is not likely to be resolved in the near future, at least investigations are under way. Perhaps this situation will spur a drive for funding of more in-depth research on newer pet food ingredients and other under-studied aspects of pet nutrition.

From: Rotstein, David

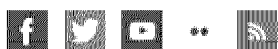
Sent: Monday, September 10, 2018 9:01 AM

To: Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Burkholder, William <William.Burkholder@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Norris, Anne <Anne.Norris@fda.hhs.gov>
Subject: RE: Feedback on the September 4 webinar

I see that the source of taurine popped up.

I wonder how many firms request a COA for taurine. I could see that on the cat side of things since it's a known issue.

David Rotstein, DVM, MPVM, Dipl. ACVP
CVM Vet-LIRN Liaison
CVM OSC/DC/CERT
7519 Standish Place
240-506-6763 (BB)



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From: Hartogenesis, Martine
Sent: Monday, September 10, 2018 7:58 AM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Burkholder, William <William.Burkholder@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Cc: Norris, Anne <Anne.Norris@fda.hhs.gov>
Subject: FW: Feedback on the September 4 webinar

Good Morning!

Just passing these questions along FYI that were sent in last week following the pet food industry.com webinar. Just some issues to consider in the DCM investigation. Also, there seems to be a big plug to exonerate the potatoes!

Martine

From: Debbie Phillips <DPhillips@wattglobal.com>
Sent: Friday, September 07, 2018 4:46 PM
To: pfit nutrition <pfitnutrition@gmail.com>; Freeman, Lisa <Lisa.Freeman@tufts.edu>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>
Cc: Norris, Anne <Anne.Norris@fda.hhs.gov>
Subject: Feedback on the September 4 webinar

Hello Greg, Lisa and Martine:

Thank you again for being part of our webinar on Tuesday. It garnered what I believe are record numbers in every category in terms of the webinars we organize:

Total Registrants = 683
Live Attendees = 360
Survey Responses = 165

Typically our webinars draw about 200-300 registrants, with live participation at 30-40%. So these results show what an important topic this is for the pet food industry.

I'm not sure how the survey response rate ranks; I can tell you that the responses showed overwhelmingly that the topic was relevant or very relevant to respondents, and they were satisfied to very satisfied with the webinar.

We also received what I believe is a record number of questions and comments during the webinar: 97! That's why I couldn't get to all of them ... but I am sharing them here in the attached spreadsheet. I color-coded them for the person I thought was most appropriate (if the questioner didn't specify the speaker) or as general comments or questions that were answered during the webinar. (Sorry, I tried sorting according to the color but my Excel skills only go so far!)

I don't necessarily expect you to answer the ones directed to you, but I hope you might find them helpful as you continue to study this issue or if you write about it.

Please let me know if you have any questions. Thanks again!

Have a good weekend,
Debbie

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Register soon for upcoming Petfood Forum conferences!

Petfood R&D Showcase (Kansas State University, Manhattan, Kansas): October 9-11

Petfood Forum and Petfood Innovation Workshop 2019: April 29-May 1

Petfood Forum Europe 2019: June 13

Visit www.PetfoodForumEvents.com

From: Hartogenesis, Martine </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=02DF91D554D34B948FC58433D0E42073-MHARTOGE>
To: Norris, Anne; Jones, Jennifer L; Burkholder, William; Palmer, Lee Anne; Reimschuessel, Renate; Carey, Lauren; Rotstein, David
CC: DeLancey, Siobhan
Sent: 8/20/2018 1:41:53 PM
Subject: RE: Invitation to participate in webinar on legume seeds and cardiomyopathy

Hi Anne,

The times/dates that won't work are:

8/27 – pm
8/28 – pm – could do if ends by 3 pm
9/5 – am
9/6 – pm

Thanks again!!

Martine

From: Norris, Anne
Sent: Monday, August 20, 2018 9:36 AM
To: Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Burkholder, William <William.Burkholder@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>
Subject: RE: Invitation to participate in webinar on legume seeds and cardiomyopathy

Hi Martine,

Could you please look at the possible times/dates below and let me know which ones would be no-go options for you?

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8/27 (afternoon)
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8/28 (afternoon)
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9/5 (morning)
9/6 (afternoon)
9/7 (morning)

Thanks,
Anne

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Sent: Thursday, August 16, 2018 7:28 PM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Burkholder, William <William.Burkholder@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>

Subject: RE: Invitation to participate in webinar on legume seeds and cardiomyopathy

Hi Anne,

B5

Thank you Anne for the reminder!

Martine

From: Norris, Anne <Anne.Norris@fda.hhs.gov>

Date: August 16, 2018 at 5:12:13 PM EDT

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>, Burkholder, William <William.Burkholder@fda.hhs.gov>, Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>, Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>, Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>, Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Rotstein, David <David.Rotstein@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>

Subject: RE: Invitation to participate in webinar on legume seeds and cardiomyopathy

Circling back on this. The editor just emailed to confirm that instead of Andrea Fascetti, it'll be Lisa Freeman.

Martine, is this something you're interested in? If so, what's your availability like the last week of August and first week of September? Right now, the target would be 8/27 or 8/28, but she's also checking availability for immediately after Labor Day.

Thanks,
Anne

From: Norris, Anne

Sent: Tuesday, August 14, 2018 12:51 PM

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Burkholder, William <William.Burkholder@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>

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Thanks for flagging that, Jen.

Apparently Dr. Aldrich's articles are kept in a premium subscriber space on the website that's subject to a separate fee. The editor provided a code for free access to his articles below. And attached is his article, one page per document to get rid of the ads.

B5

The code is **B6** (It's good for 12 months after you first use it.)

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Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



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Sent: Monday, August 13, 2018 11:06 AM

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Subject: RE: Invitation to participate in webinar on legume seeds and cardiomyopathy

B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN

Phone 1-240-402-5404

Fax 301-210-4685

<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

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Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>

Subject: FW: Invitation to participate in webinar on legume seeds and cardiomyopathy

Hi all,

B5

Thanks,
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From: Tim Wall [<mailto:TWall@wattglobal.com>]

Sent: Monday, August 13, 2018 9:42 AM

To: Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: Debbie Phillips <DPPhillips@wattglobal.com>

Subject: Invitation to participate in webinar on legume seeds and cardiomyopathy

Hi Anne,

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Here's my editor's description of the webinar:

"This would be a webinar for pet food professionals who are curious and concerned about the investigation; we are hoping to also include a veterinary expert with a background in nutrition and a nutritionist/formulator. Each person would have about 15 minutes to present, then we'd have a Q&A period of about 15 minutes.

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Thanks for your help.
Best Regards,

TIM WALL | Staff Reporter - [Petfood Industry](#) | WATT Global Media

Mobile: +1 **B6** | Office: +1.815.966.5432

Skype: [timwall.watt](https://www.skype.com/people/timwall.watt) | twall@wattglobal.com

From: Jones, Jennifer L </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0f6ca12eaa9348959a4cbb1e829af244-Jennifer.Jo>
To: Reimschuessel, Renate
Sent: 8/27/2018 11:10:58 AM
Subject: RE: Invitation to participate in webinar on legume seeds and cardiomyopathy

No



Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Reimschuessel, Renate
Sent: Monday, August 27, 2018 6:53 AM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>
Subject: FW: Invitation to participate in webinar on legume seeds and cardiomyopathy

Did a date get picked?

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN
Phone 1-240-402-5404
Fax 301-210-4685
<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

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Sent: Monday, August 20, 2018 9:42 AM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Burkholder, William <William.Burkholder@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
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I reached out to gather additional information. Greg Aldrich was the author of [this pesky article](#) that we weren't able to read in full. Maybe I can ask the editor to do me a solid and share. Any concerns with him being on the panel? Otherwise, it seems like it could be a good fit for FDA.

B5

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Sent: Monday, August 13, 2018 11:23 AM
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I agree it would be good to have an FDA person there – perhaps one that is not too “deep in the weeds”, so to speak. That person could give a higher level perspective, since the research is ongoing. That way we don't get too far ahead of ourselves in what we say?

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Best Regards,

TIM WALL | Staff Reporter - [Petfood Industry](#) | WATT Global Media

Mobile: +1.815.966.5432 | Office: +1.815.966.5432

Skype: timwall.watt | twall@wattglobal.com

From: DeLancey, Siobhan </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A414BA562DCD4C8284B1120074969B9A-SDELANCE>
To: Putnam, Juli; Jones, Jennifer L; Hartogensis, Martine; Reimschuessel, Renate; Carey, Lauren; Norris, Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/24/2018 1:06:45 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

B6

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
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B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli
Sent: Monday, July 23, 2018 12:45 PM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks for your guidance.

Best,
Juli

From: Jones, Jennifer L
Sent: Monday, July 23, 2018 6:48 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Hartogensis, Martine
Sent: Friday, July 20, 2018 11:27 AM
To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

From: Reimschuessel, Renate
Sent: Friday, July 20, 2018 11:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN

Phone 1-240-402-5404

Fax 301-210-4685

<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:14 AM

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

From: Putnam, Juli

Sent: Friday, July 20, 2018 11:02 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Thanks, and hope everyone has a good weekend!

Best,
Juli

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Hi Juli,

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Sent: Friday, July 20, 2018 9:50 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Jen.

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Martine

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Date: July 20, 2018 at 6:47:01 AM EDT

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>, Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Carey, Lauren

Sent: Thursday, July 19, 2018 4:12 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Jen should have an answer for you on that.

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

Just looping in the dream team again

B5

TIA!

Martine

From: Putnam, Juli

Sent: Thursday, July 19, 2018 3:58 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

From: Hartogenesis, Martine
Sent: Thursday, July 19, 2018 3:43 PM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne
Sent: Thursday, July 19, 2018 3:42 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,
Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.
Please advise.
Thanks!
Juli

Reporter: Kate Furby
Outlet: Washington Post
Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam

Press Officer

**Office of Media Affairs
Office of External Affairs**

U.S. Food and Drug Administration

Tel: 240-402-0537 / Cell:

B6

Juli.Putnam@fda.hhs.gov



From: Hartogenesis, Martine </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=02DF91D554D34B948FC58433D0E42073-MHARTOGE>
To: Putnam, Juli; DeLancey, Siobhan; Jones, Jennifer L; Reimschuessel, Renate; Carey, Lauren; Norris, Anne; Palmer, Lee Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/24/2018 1:09:18 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

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Thanks for your guidance.

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Juli

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Thanks Renate!

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Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN

Phone 1-240-402-5404

Fax 301-210-4685

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Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

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Thanks, and hope everyone has a good weekend!

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Juli

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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Just looping in the dream team again

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Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

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From: Hartogenesis, Martine
Sent: Thursday, July 19, 2018 3:43 PM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne
Sent: Thursday, July 19, 2018 3:42 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,
Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.
Please advise.
Thanks!
Juli

Reporter: Kate Furby
Outlet: Washington Post
Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam

Press Officer

**Office of Media Affairs
Office of External Affairs
U.S. Food and Drug Administration**

Tel: 240-402-0537 / Cell: B6
Juli.Putnam@fda.hhs.gov



From: Putnam, Juli </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=45A45E85E6E94413A4BD2C9FDBB3DE1B-JULIANN.PUT>
To: DeLancey, Siobhan; Jones, Jennifer L; Hartogensis, Martine; Reimschuessel, Renate; Carey, Lauren; Norris, Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/24/2018 1:07:53 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks, I referred her to them since these are not FDA cases/FDA data.

From: DeLancey, Siobhan
Sent: Tuesday, July 24, 2018 9:07 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M **B6**

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate

<Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli

Sent: Monday, July 23, 2018 12:45 PM

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks for your guidance.

Best,

Juli

From: Jones, Jennifer L

Sent: Monday, July 23, 2018 6:48 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM

Veterinary Medical Officer

Tel: 240-402-5421



From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:27 AM

To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>

Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

From: Reimschuessel, Renate

Sent: Friday, July 20, 2018 11:26 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN

Phone 1-240-402-5404

Fax 301-210-4685

<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:14 AM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

From: Putnam, Juli

Sent: Friday, July 20, 2018 11:02 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks, and hope everyone has a good weekend!

Best,
Juli

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 10:21 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Friday, July 20, 2018 10:19 AM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Carey, Lauren
Sent: Friday, July 20, 2018 9:50 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 8:02 AM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>;

Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Jen.

B5

Martine

From: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>

Date: July 20, 2018 at 6:47:01 AM EDT

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>, Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>, Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>, Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Carey, Lauren

Sent: Thursday, July 19, 2018 4:12 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Jen should have an answer for you on that.

From: Hartogensis, Martine

Sent: Thursday, July 19, 2018 4:02 PM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

Just looping in the dream team again.

B5

TIA!

Martine

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:58 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine
Sent: Thursday, July 19, 2018 3:43 PM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne
Sent: Thursday, July 19, 2018 3:42 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

THANKS,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,
Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.
Please advise.
Thanks!
Juli

Reporter: Kate Furby
Outlet: Washington Post
Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam

Press Officer

Office of Media Affairs
Office of External Affairs
U.S. Food and Drug Administration

Tel: 240-402-0537 / Cell:

Juli.Putnam@fda.hhs.gov

B6



From: Putnam, Juli </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=45A45E85E6E94413A4BD2C9FDBB3DE1B-JULIANN.PUT>
To: DeLancey, Siobhan; Jones, Jennifer L; Hartogensis, Martine; Reimschuessel, Renate; Carey, Lauren; Norris, Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/24/2018 12:41:06 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli
Sent: Monday, July 23, 2018 12:45 PM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks for your guidance.
Best,
Juli

From: Jones, Jennifer L
Sent: Monday, July 23, 2018 6:48 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Hartogensis, Martine
Sent: Friday, July 20, 2018 11:27 AM
To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

From: Reimschuessel, Renate
Sent: Friday, July 20, 2018 11:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN
Phone 1-240-402-5404
Fax 301-210-4685
<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 11:14 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

From: Putnam, Juli
Sent: Friday, July 20, 2018 11:02 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks, and hope everyone has a good weekend!

Best,
Juli

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 10:21 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Friday, July 20, 2018 10:19 AM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Carey, Lauren

Sent: Friday, July 20, 2018 9:50 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine

Sent: Friday, July 20, 2018 8:02 AM

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Jen.

B5

Martine

From: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>

Date: July 20, 2018 at 6:47:01 AM EDT

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>, Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>, Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>, Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer



From: Carey, Lauren

Sent: Thursday, July 19, 2018 4:12 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Jen should have an answer for you on that.

From: Hartogensis, Martine

Sent: Thursday, July 19, 2018 4:02 PM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

Just looping in the dream team again.

B5

TIA!

Martine

From: Putnam, Juli

Sent: Thursday, July 19, 2018 3:58 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine

Sent: Thursday, July 19, 2018 3:43 PM

To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne

Sent: Thursday, July 19, 2018 3:42 PM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

B5

Thanks,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,
Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.
Please advise.
Thanks!
Juli

Reporter: Kate Furby
Outlet: Washington Post
Deadline: 7/20
Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam
Press Officer

Office of Media Affairs
Office of External Affairs
U.S. Food and Drug Administration
Tel: 240-402-0537 / Cell: B6
Juli.Putnam@fda.hhs.gov



From: Hartogenesis, Martine </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=02DF91D554D34B948FC58433D0E42073-MHARTOGE>
To: Putnam, Juli; DeLancey, Siobhan; Jones, Jennifer L; Reimschuessel, Renate; Carey, Lauren; Norris, Anne; Palmer, Lee Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/24/2018 1:09:18 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli

Sent: Monday, July 23, 2018 12:45 PM

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks for your guidance.

Best,
Juli

From: Jones, Jennifer L

Sent: Monday, July 23, 2018 6:48 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:27 AM

To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

From: Reimschuessel, Renate

Sent: Friday, July 20, 2018 11:26 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN

Phone 1-240-402-5404

Fax 301-210-4685

<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:14 AM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

From: Putnam, Juli

Sent: Friday, July 20, 2018 11:02 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks, and hope everyone has a good weekend!

Best,

Juli

From: Hartogensis, Martine

Sent: Friday, July 20, 2018 10:21 AM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli

Sent: Friday, July 20, 2018 10:19 AM

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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From: Carey, Lauren

Sent: Friday, July 20, 2018 9:50 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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From: Hartogensis, Martine

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Jen.

B5

Martine

From: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>

Date: July 20, 2018 at 6:47:01 AM EDT

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>, Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>, Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>, Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Carey, Lauren

Sent: Thursday, July 19, 2018 4:12 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Jen should have an answer for you on that.

From: Hartogensis, Martine

Sent: Thursday, July 19, 2018 4:02 PM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

Just looping in the dream team again.

B5

TIA!

Martine

From: Putnam, Juli

Sent: Thursday, July 19, 2018 3:58 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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From: Hartogenesis, Martine
Sent: Thursday, July 19, 2018 3:43 PM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne
Sent: Thursday, July 19, 2018 3:42 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,
Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.
Please advise.
Thanks!
Juli

Reporter: Kate Furby
Outlet: Washington Post
Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam

Press Officer

**Office of Media Affairs
Office of External Affairs**

U.S. Food and Drug Administration

Tel: 240-402-0537 / Cell: 202-525-8551

Juli.Putnam@fda.hhs.gov



From: Putnam, Juli </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=45A45E85E6E94413A4BD2C9FDBB3DE1B-JULIANN.PUT>
To: DeLancey, Siobhan; Jones, Jennifer L; Hartogensis, Martine; Reimschuessel, Renate; Carey, Lauren; Norris, Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/24/2018 1:07:53 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks, I referred her to them since these are not FDA cases/FDA data.

From: DeLancey, Siobhan
Sent: Tuesday, July 24, 2018 9:07 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M:

B6

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate

<Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli

Sent: Monday, July 23, 2018 12:45 PM

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks for your guidance.

Best,

Juli

From: Jones, Jennifer L

Sent: Monday, July 23, 2018 6:48 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM

Veterinary Medical Officer

Tel: 240-402-5421



From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:27 AM

To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

From: Reimschuessel, Renate

Sent: Friday, July 20, 2018 11:26 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN

Phone 1-240-402-5404

Fax 301-210-4685

<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

From: Hartogensis, Martine

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To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

From: Putnam, Juli

Sent: Friday, July 20, 2018 11:02 AM

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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Thanks, and hope everyone has a good weekend!

Best,
Juli

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Sent: Friday, July 20, 2018 10:21 AM
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Friday, July 20, 2018 10:19 AM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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From: Carey, Lauren
Sent: Friday, July 20, 2018 9:50 AM
To: Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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Sent: Friday, July 20, 2018 8:02 AM
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Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>;

Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Jen.

B5

Martine

From: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>

Date: July 20, 2018 at 6:47:01 AM EDT

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>, Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Carey, Lauren

Sent: Thursday, July 19, 2018 4:12 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Jen should have an answer for you on that.

From: Hartogensis, Martine

Sent: Thursday, July 19, 2018 4:02 PM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

TIA!

Martine

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:58 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine
Sent: Thursday, July 19, 2018 3:43 PM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne
Sent: Thursday, July 19, 2018 3:42 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,
Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.
Please advise.
Thanks!
Juli

Reporter: Kate Furby
Outlet: Washington Post
Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam

Press Officer

Office of Media Affairs
Office of External Affairs
U.S. Food and Drug Administration

Tel: 240-402-0537 / Cell:

B6

Juli.Putnam@fda.hhs.gov



From: Putnam, Juli </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=45A45E85E6E94413A4BD2C9FDBB3DE1B-JULIANN.PUT>
To: DeLancey, Siobhan; Jones, Jennifer L; Hartogensis, Martine; Reimschuessel, Renate; Carey, Lauren; Norris, Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/24/2018 1:07:53 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks, I referred her to them since these are not FDA cases/FDA data.

From: DeLancey, Siobhan
Sent: Tuesday, July 24, 2018 9:07 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate

<Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli

Sent: Monday, July 23, 2018 12:45 PM

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

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Thanks for your guidance.

Best,

Juli

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Sent: Monday, July 23, 2018 6:48 AM

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Jennifer Jones, DVM

Veterinary Medical Officer

Tel: 240-402-5421



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Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

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Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

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Thanks, and hope everyone has a good weekend!

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Hi Juli,

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Martine

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Martine

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Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



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Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

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To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

Just looping in the dream team again.

B5

TIA!

Martine

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:58 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine
Sent: Thursday, July 19, 2018 3:43 PM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne
Sent: Thursday, July 19, 2018 3:42 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,
Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.
Please advise.
Thanks!
Juli

Reporter: Kate Furby
Outlet: Washington Post
Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam

Press Officer

Office of Media Affairs
Office of External Affairs
U.S. Food and Drug Administration

Tel: 240-402-0537 / Cell:

B6

Juli.Putnam@fda.hhs.gov



From: Rotstein, David </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0A3B17EBFCF14A6CB8E94F322906BADD-DROTSTEI>
To: Palmer, Lee Anne; Putnam, Juli; Carey, Lauren; Hartogensis, Martine; DeLancey, Siobhan; Jones, Jennifer L; Reimschuessel, Renate; Norris, Anne
CC: Forfa, Tracey; Eisenman, Theresa; Nemser, Sarah
Sent: 7/27/2018 8:13:24 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Agreed-that's easier to follow.

dave

David Rotstein, DVM, MPVM, Dipl. ACVP
CVM Vet-LIRN Liaison
CVM OSC/DC/CERT
7519 Standish Place

B6



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From: Palmer, Lee Anne
Sent: Friday, July 27, 2018 4:12 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli – just a couple edits below to consider. I separated it into paragraphs only to make it easier for me to read.

B5

Thanks – have a great weekend! Lee Anne

From: Putnam, Juli
Sent: Friday, July 27, 2018 4:04 PM
To: Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Thank you all – so I can say:

B5

From: Palmer, Lee Anne
Sent: Friday, July 27, 2018 3:33 PM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

B5

From: Carey, Lauren
Sent: Friday, July 27, 2018 3:19 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli,

B5

B5

Thanks,
Lauren

From: Putnam, Juli
Sent: Friday, July 27, 2018 10:44 AM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Lauren, thank you! Yes that would work and I can explain this to the reporter;

B5

B5

Best,
Juli

From: Carey, Lauren
Sent: Friday, July 27, 2018 9:40 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli,

B5

Thanks,
Lauren

From: Putnam, Juli
Sent: Friday, July 27, 2018 9:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi all,

The Washington Post story got delayed and now the reporter (Kate Furby) is asking us for an updated case count for dogs without the genetic predisposition falling ill. She also wants an updated number on the dogs who may have passed away as a result. She saw that The New York Times mentioned that the FDA had reported three deaths. She is wondering if these deaths were just since the report came out, or if this is total number. (I know those were the # from our initial warning but not sure if more deaths have been reported to us since).

Are we able to provide an updated case count between now and next Tuesday? I will, of course, remind her that the numbers are constantly changing so they only represent a single point in time.

Best,
Juli

From: Hartogensis, Martine
Sent: Tuesday, July 24, 2018 9:09 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli
Sent: Monday, July 23, 2018 12:45 PM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks for your guidance.
Best,
Juli

From: Jones, Jennifer L
Sent: Monday, July 23, 2018 6:48 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Hartogensis, Martine
Sent: Friday, July 20, 2018 11:27 AM
To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli

<JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

From: Reimschuessel, Renate
Sent: Friday, July 20, 2018 11:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN
Phone 1-240-402-5404
Fax 301-210-4685
<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 11:14 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

From: Putnam, Juli
Sent: Friday, July 20, 2018 11:02 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks, and hope everyone has a good weekend!

Best,
Juli

From: Hartogenesisis, Martine
Sent: Friday, July 20, 2018 10:21 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Friday, July 20, 2018 10:19 AM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogenesisis, Martine <Martine.Hartogenesisis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Carey, Lauren
Sent: Friday, July 20, 2018 9:50 AM
To: Hartogenesisis, Martine <Martine.Hartogenesisis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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From: Hartogenesisis, Martine

Sent: Friday, July 20, 2018 8:02 AM

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Jen.

B5

Martine

From: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>

Date: July 20, 2018 at 6:47:01 AM EDT

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>, Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>, Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>, Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Carey, Lauren

Sent: Thursday, July 19, 2018 4:12 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Jen should have an answer for you on that.

From: Hartogensis, Martine

Sent: Thursday, July 19, 2018 4:02 PM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

Just looping in the dream team again.

B5

TIA!

Martine

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:58 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
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To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne
Sent: Thursday, July 19, 2018 3:42 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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Thanks,
Anne

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Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,

Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.

Please advise.

Thanks!

Juli

Reporter: Kate Furby

Outlet: Washington Post

Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam

Press Officer

Office of Media Affairs

Office of External Affairs

U.S. Food and Drug Administration

Tel: 240-402-0537 / Cell:

B6

Juli.Putnam@fda.hhs.gov



From: Palmer, Lee Anne </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=CF7C8BD53B6C45A39318A596ACEA7C53-LPALMER>
To: Putnam, Juli; Carey, Lauren; Hartogensis, Martine; DeLancey, Siobhan; Jones, Jennifer L; Reimschuessel, Renate; Norris, Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/27/2018 8:11:51 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli – just a couple edits below to consider. I separated it into paragraphs only to make it easier for me to read.

B5

Thanks – have a great weekend! Lee Anne

From: Putnam, Juli
Sent: Friday, July 27, 2018 4:04 PM
To: Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Thank you all – so I can say:

B5

From: Palmer, Lee Anne
Sent: Friday, July 27, 2018 3:33 PM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

B5

From: Carey, Lauren

Sent: Friday, July 27, 2018 3:19 PM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>

Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli

B5

Thanks,
Lauren

From: Putnam, Juli

Sent: Friday, July 27, 2018 10:44 AM

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>

Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Lauren, thank you! Yes that would work and I can explain this to the reporter.

B5

B5

Best,
Juli

From: Carey, Lauren

Sent: Friday, July 27, 2018 9:40 AM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>

Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli,

B5

Thanks,
Lauren

From: Putnam, Juli
Sent: Friday, July 27, 2018 9:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi all,
The Washington Post story got delayed and now the reporter (Kate Furby) is asking us for an updated case count for dogs without the genetic predisposition falling ill. She also wants an updated number on the dogs who may have passed away as a result. She saw that The New York Times mentioned that the FDA had reported three deaths. She is wondering if these deaths were just since the report came out, or if this is total number. (I know those were the # from our initial warning but not sure if more deaths have been reported to us since).

Are we able to provide an updated case count between now and next Tuesday? I will, of course, remind her that the numbers are constantly changing so they only represent a single point in time.

Best,
Juli

From: Hartogensis, Martine
Sent: Tuesday, July 24, 2018 9:09 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH
O: 240-402-9973
M: **B6**
Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli
Sent: Monday, July 23, 2018 12:45 PM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks for your guidance.

Best,
Juli

From: Jones, Jennifer L

Sent: Monday, July 23, 2018 6:48 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:27 AM

To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

From: Reimschuessel, Renate

Sent: Friday, July 20, 2018 11:26 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN
Phone 1-240-402-5404

From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:14 AM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

From: Putnam, Juli

Sent: Friday, July 20, 2018 11:02 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks, and hope everyone has a good weekend!

Best,
Juli

From: Hartogensis, Martine

Sent: Friday, July 20, 2018 10:21 AM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli

Sent: Friday, July 20, 2018 10:19 AM

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Carey, Lauren
Sent: Friday, July 20, 2018 9:50 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 8:02 AM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Jen.

B5

Martine

From: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>
Date: July 20, 2018 at 6:47:01 AM EDT
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>, Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>, Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>, Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Carey, Lauren
Sent: Thursday, July 19, 2018 4:12 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Jen should have an answer for you on that.

From: Hartogensis, Martine
Sent: Thursday, July 19, 2018 4:02 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

Just looping in the dream team again.

B5

TIA!

Martine

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:58 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine
Sent: Thursday, July 19, 2018 3:43 PM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne
Sent: Thursday, July 19, 2018 3:42 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

B5

Thanks,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,
Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.
Please advise.
Thanks!
Juli

Reporter: Kate Furby
Outlet: Washington Post
Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam
Press Officer

Office of Media Affairs
Office of External Affairs
U.S. Food and Drug Administration
Tel: 240-402-0537 / Cell: **B6**
Juli.Putnam@fda.hhs.gov



From: Putnam, Juli </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=45A45E85E6E94413A4BD2C9FDBB3DE1B-JULIANN.PUT>
To: Palmer, Lee Anne; Carey, Lauren; Hartogensis, Martine; DeLancey, Siobhan; Jones, Jennifer L; Reimschuessel, Renate; Norris, Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/27/2018 8:03:41 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Thank you all – so I can say:

B5

From: Palmer, Lee Anne
Sent: Friday, July 27, 2018 3:33 PM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

B5

From: Carey, Lauren
Sent: Friday, July 27, 2018 3:19 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli,

B5

B5

Thanks,
Lauren

From: Putnam, Juli
Sent: Friday, July 27, 2018 10:44 AM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Lauren, thank you! Yes that would work and I can explain this to the reporter.

B5

B5

Best,
Juli

From: Carey, Lauren
Sent: Friday, July 27, 2018 9:40 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli,

B5

Thanks,
Lauren

From: Putnam, Juli
Sent: Friday, July 27, 2018 9:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi all,

The Washington Post story got delayed and now the reporter (Kate Furby) is asking us for an updated case count for dogs without the genetic predisposition falling ill. She also wants an updated number on the dogs who may have passed away as a result. She saw that The New York Times mentioned that the FDA had reported three deaths. She is wondering if these deaths were just since the report came out, or if this is total number. (I know those were the # from our initial warning but not sure if more deaths have been reported to us since).

Are we able to provide an updated case count between now and next Tuesday? I will, of course, remind her that the numbers are constantly changing so they only represent a single point in time.

Best,
Juli

From: Hartogensis, Martine
Sent: Tuesday, July 24, 2018 9:09 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

je

B5

From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli
Sent: Monday, July 23, 2018 12:45 PM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

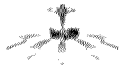
Thanks for your guidance.

Best,
Juli

From: Jones, Jennifer L
Sent: Monday, July 23, 2018 6:48 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Hartogensis, Martine
Sent: Friday, July 20, 2018 11:27 AM
To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli

<JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

From: Reimschuessel, Renate
Sent: Friday, July 20, 2018 11:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN
Phone 1-240-402-5404
Fax 301-210-4685
<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 11:14 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

From: Putnam, Juli
Sent: Friday, July 20, 2018 11:02 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks, and hope everyone has a good weekend!

Best,
Juli

From: Hartogenesisis, Martine
Sent: Friday, July 20, 2018 10:21 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Friday, July 20, 2018 10:19 AM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogenesisis, Martine <Martine.Hartogenesisis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Carey, Lauren
Sent: Friday, July 20, 2018 9:50 AM
To: Hartogenesisis, Martine <Martine.Hartogenesisis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogenesisis, Martine

Sent: Friday, July 20, 2018 8:02 AM

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Jen.

B5

Martine

From: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>

Date: July 20, 2018 at 6:47:01 AM EDT

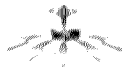
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>, Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>, Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>, Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Carey, Lauren

Sent: Thursday, July 19, 2018 4:12 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Jen should have an answer for you on that.

From: Hartogensis, Martine

Sent: Thursday, July 19, 2018 4:02 PM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

Just looping in the dream team again.

B5

TIA!

Martine

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:58 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine
Sent: Thursday, July 19, 2018 3:43 PM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne
Sent: Thursday, July 19, 2018 3:42 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,

Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.

Please advise.

Thanks!

Juli

Reporter: Kate Furby

Outlet: Washington Post

Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam

Press Officer

Office of Media Affairs

Office of External Affairs

U.S. Food and Drug Administration

Tel: 240-402-0537 / Cell:

Juli.Putnam@fda.hhs.gov

B6



From: Palmer, Lee Anne </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=CF7C8BD53B6C45A39318A596ACEA7C53-LPALMER>
To: Carey, Lauren; Putnam, Juli; Hartogensis, Martine; DeLancey, Siobhan; Jones, Jennifer L; Reimschuessel, Renate; Norris, Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/27/2018 7:33:21 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

B5

From: Carey, Lauren
Sent: Friday, July 27, 2018 3:19 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli,

B5

Thanks,
Lauren

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Lauren, thank you! Yes that would work and I can explain this to the reporter.

B5

B5

B5

Best,
Juli

From: Carey, Lauren

Sent: Friday, July 27, 2018 9:40 AM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>

Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

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Hi Juli,

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Thanks,
Lauren

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi all,
The Washington Post story got delayed and now the reporter (Kate Furby) is asking us for an updated case count for dogs without the genetic predisposition falling ill. She also wants an updated number on the dogs who may have passed away as a result. She saw that The New York Times mentioned that the FDA had reported three deaths. She is wondering if these deaths were just since the report came out, or if this is total number. (I know those were the # from our initial warning but not sure if more deaths have been reported to us since).

Are we able to provide an updated case count between now and next Tuesday? I will, of course, remind her that the numbers are constantly changing so they only represent a single point in time.

Best,
Juli

From: Hartogensis, Martine

Sent: Tuesday, July 24, 2018 9:09 AM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>

Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

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Martine

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Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli
Sent: Monday, July 23, 2018 12:45 PM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks for your guidance.

Best,
Juli

From: Jones, Jennifer L

Sent: Monday, July 23, 2018 6:48 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:27 AM

To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

From: Reimschuessel, Renate

Sent: Friday, July 20, 2018 11:26 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN

Phone 1-240-402-5404

Fax 301-210-4685

<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:14 AM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

From: Putnam, Juli

Sent: Friday, July 20, 2018 11:02 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks, and hope everyone has a good weekend!

Best,
Juli

From: Hartogensis, Martine

Sent: Friday, July 20, 2018 10:21 AM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli

Sent: Friday, July 20, 2018 10:19 AM

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Carey, Lauren

Sent: Friday, July 20, 2018 9:50 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine

Sent: Friday, July 20, 2018 8:02 AM

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Jen.

B5

Martine

From: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>

Date: July 20, 2018 at 6:47:01 AM EDT

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>,

Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>, Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>, Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Carey, Lauren
Sent: Thursday, July 19, 2018 4:12 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Jen should have an answer for you on that.

From: Hartogensis, Martine
Sent: Thursday, July 19, 2018 4:02 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

Just looping in the dream team again.

B5

TIA!

Martine

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:58 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine
Sent: Thursday, July 19, 2018 3:43 PM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne
Sent: Thursday, July 19, 2018 3:42 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,
Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.
Please advise.
Thanks!
Juli

Reporter: Kate Furby
Outlet: Washington Post
Deadline: 7/20
Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.
Questions:
She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam
Press Officer

Office of Media Affairs
Office of External Affairs
U.S. Food and Drug Administration
Tel: 240-402-0537 / Cell: **B6**
Juli.Putnam@fda.hhs.gov



From: Carey, Lauren </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=F0226BD682844FA2B71EA3750D4FCB82-LAUREN.CARE>
To: Putnam, Juli; Hartogensis, Martine; DeLancey, Siobhan; Jones, Jennifer L; Reimschuessel, Renate; Norris, Anne; Palmer, Lee Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/27/2018 7:19:10 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli,

B5

Thanks,
Lauren

From: Putnam, Juli
Sent: Friday, July 27, 2018 10:44 AM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Lauren, thank you! Yes that would work and I can explain this to the reporter

B5

B5

Best,
Juli

From: Carey, Lauren
Sent: Friday, July 27, 2018 9:40 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli,

B5

B5

Thanks,
Lauren

From: Putnam, Juli
Sent: Friday, July 27, 2018 9:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi all,
The Washington Post story got delayed and now the reporter (Kate Furby) is asking us for an updated case count for dogs without the genetic predisposition falling ill. She also wants an updated number on the dogs who may have passed away as a result. She saw that The New York Times mentioned that the FDA had reported three deaths. She is wondering if these deaths were just since the report came out, or if this is total number. (I know those were the # from our initial warning but not sure if more deaths have been reported to us since).

Are we able to provide an updated case count between now and next Tuesday? I will, of course, remind her that the numbers are constantly changing so they only represent a single point in time.

Best,
Juli

From: Hartogensis, Martine
Sent: Tuesday, July 24, 2018 9:09 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate

<Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

From: DeLancey, Siobhan

Sent: Monday, July 23, 2018 12:56 PM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**
Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli

Sent: Monday, July 23, 2018 12:45 PM

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.DeLancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks for your guidance.

Best,
Juli

From: Jones, Jennifer L

Sent: Monday, July 23, 2018 6:48 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren

<Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>;
Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>;
Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Hartogensis, Martine
Sent: Friday, July 20, 2018 11:27 AM
To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

From: Reimschuessel, Renate
Sent: Friday, July 20, 2018 11:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN
Phone 1-240-402-5404
Fax 301-210-4685
<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 11:14 AM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

From: Putnam, Juli
Sent: Friday, July 20, 2018 11:02 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks, and hope everyone has a good weekend!

Best,
Juli

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 10:21 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

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From: Putnam, Juli
Sent: Friday, July 20, 2018 10:19 AM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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Sent: Friday, July 20, 2018 9:50 AM
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Jen.

B5

Martine

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Date: July 20, 2018 at 6:47:01 AM EDT
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>, Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Carey, Lauren

Sent: Thursday, July 19, 2018 4:12 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Jen should have an answer for you on that.

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

Just looping in the dream team again.

B5

TIA!

Martine

From: Putnam, Juli

Sent: Thursday, July 19, 2018 3:58 PM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine

Sent: Thursday, July 19, 2018 3:43 PM

To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne

Sent: Thursday, July 19, 2018 3:42 PM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

Thanks,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,
Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.
Please advise.
Thanks!
Juli

Reporter: Kate Furby
Outlet: Washington Post
Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam

Press Officer

Office of Media Affairs
Office of External Affairs
U.S. Food and Drug Administration
Tel: 240-402-0537 / Cell: **B6**
Juli.Putnam@fda.hhs.gov



From: Putnam, Juli </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=45A45E85E6E94413A4BD2C9FDBB3DE1B-JULIANN.PUT>
To: Carey, Lauren; Hartogensis, Martine; DeLancey, Siobhan; Jones, Jennifer L; Reimschuessel, Renate; Norris, Anne; Palmer, Lee Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/27/2018 2:43:49 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Lauren, thank you! Yes that would work and I can explain this to the reporter

B5

B5

Best,
Juli

From: Carey, Lauren
Sent: Friday, July 27, 2018 9:40 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli,

B5

Thanks,
Lauren

From: Putnam, Juli
Sent: Friday, July 27, 2018 9:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi all,
The Washington Post story got delayed and now the reporter (Kate Furby) is asking us for an updated case count for dogs without the genetic predisposition falling ill. She also wants an updated number on the dogs who may have passed away as a result. She saw that The New York Times mentioned that the FDA had reported three deaths. She is wondering if these deaths were just since the report came out, or if this is total number. (I know those were the # from our initial warning but not sure if more deaths have been reported to us since).

Are we able to provide an updated case count between now and next Tuesday? I will, of course, remind her that the numbers are constantly changing so they only represent a single point in time.

Best,
Juli

From: Hartogensis, Martine
Sent: Tuesday, July 24, 2018 9:09 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli

Sent: Monday, July 23, 2018 12:45 PM

To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks for your guidance.

Best,
Juli

From: Jones, Jennifer L

Sent: Monday, July 23, 2018 6:48 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:27 AM

To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

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Thanks Renate!

Martine

From: Reimschuessel, Renate
Sent: Friday, July 20, 2018 11:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
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B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN
Phone 1-240-402-5404
Fax 301-210-4685
<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 11:14 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

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Date: July 20, 2018 at 6:47:01 AM EDT

To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>, Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>

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Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



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Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>

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Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

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TIA!

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Sent: Thursday, July 19, 2018 3:58 PM

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Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogenesis, Martine

Sent: Thursday, July 19, 2018 3:43 PM

To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne

Sent: Thursday, July 19, 2018 3:42 PM

To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks,
Anne

From: Putnam, Juli

Sent: Thursday, July 19, 2018 3:33 PM

To: Hartogenesis, Martine <Martine.Hartogenesis@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>

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Please advise.

Thanks!

Juli

Reporter: Kate Furby

Outlet: Washington Post

Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food.

This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam

Press Officer

Office of Media Affairs

Office of External Affairs

U.S. Food and Drug Administration

Tel: 240-402-0537 / Cell: **B6**

Juli.Putnam@fda.hhs.gov

B6



From: Hartogensis, Martine </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=02DF91D554D34B948FC58433D0E42073-MHARTOGE>
To: Palmer, Lee Anne; Carey, Lauren; Putnam, Juli; DeLancey, Siobhan; Jones, Jennifer L; Reimschuessel, Renate; Norris, Anne
CC: Forfa, Tracey; Rotstein, David; Eisenman, Theresa; Nemser, Sarah
Sent: 7/27/2018 2:27:49 PM
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Thanks Lee Anne and Laurer

B5

B5

Martine

From: Palmer, Lee Anne
Sent: Friday, July 27, 2018 9:41 AM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Almost crossing emails... I was going to add:

B5

From: Carey, Lauren
Sent: Friday, July 27, 2018 9:40 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi Juli,

B5

Thanks,
Lauren

From: Putnam, Juli
Sent: Friday, July 27, 2018 9:26 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/31

Hi all,
The Washington Post story got delayed and now the reporter (Kate Furby) is asking us for an updated case count for dogs without the genetic predisposition falling ill. She also wants an updated number on the dogs who may have passed away as a result. She saw that The New York Times mentioned that the FDA had reported three deaths. She is wondering if these deaths were just since the report came out, or if this is total number. (I know those were the # from our initial warning but not sure if more deaths have been reported to us since).

Are we able to provide an updated case count between now and next Tuesday? I will, of course, remind her that the numbers are constantly changing so they only represent a single point in time.

Best,
Juli

From: Hartogensis, Martine
Sent: Tuesday, July 24, 2018 9:09 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Palmer, Lee Anne <LeeAnne.Palmer@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Tuesday, July 24, 2018 8:41 AM
To: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

From: DeLancey, Siobhan
Sent: Monday, July 23, 2018 12:56 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Siobhan DeLancey, RVT, MPH

O: 240-402-9973

M: **B6**

Siobhan.DeLancey@fda.hhs.gov

From: Putnam, Juli
Sent: Monday, July 23, 2018 12:45 PM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks for your guidance.
Best,
Juli

From: Jones, Jennifer L

Sent: Monday, July 23, 2018 6:48 AM

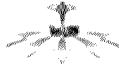
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Hartogensis, Martine

Sent: Friday, July 20, 2018 11:27 AM

To: Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Renate!

Martine

From: Reimschuessel, Renate

Sent: Friday, July 20, 2018 11:26 AM

To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>

Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>

Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Renate Reimschuessel V.M.D. Ph.D. Director Vet-LIRN

Phone 1-240-402-5404

Fax 301-210-4685

<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm247334.htm>

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 11:14 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>; Nemser, Sarah <Sarah.Nemser@fda.hhs.gov>; Reimschuessel, Renate <Renate.Reimschuessel@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Ok, thanks Juli! I am looping in Sarah Nemser and Renate in case they know, but no worries if not.

Thanks again!

Martine

From: Putnam, Juli
Sent: Friday, July 20, 2018 11:02 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>; Eisenman, Theresa <Theresa.Eisenman@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Thanks, and hope everyone has a good weekend!

Best,
Juli

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 10:21 AM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

B5

Martine

From: Putnam, Juli
Sent: Friday, July 20, 2018 10:19 AM
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Carey, Lauren
Sent: Friday, July 20, 2018 9:50 AM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine
Sent: Friday, July 20, 2018 8:02 AM
To: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Thanks Jen.

B5

Martine

From: Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>
Date: July 20, 2018 at 6:47:01 AM EDT
To: Carey, Lauren <Lauren.Carey@fda.hhs.gov>, Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>, Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>, Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>, Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>, Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

Jennifer Jones, DVM
Veterinary Medical Officer
Tel: 240-402-5421



From: Carey, Lauren
Sent: Thursday, July 19, 2018 4:12 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Jen should have an answer for you on that.

From: Hartogensis, Martine
Sent: Thursday, July 19, 2018 4:02 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>; Carey, Lauren <Lauren.Carey@fda.hhs.gov>; Jones, Jennifer L <Jennifer.Jones@fda.hhs.gov>; Rotstein, David <David.Rotstein@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Juli,

Just looping in the dream team again.

B5

TIA!

Martine

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:58 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

From: Hartogensis, Martine
Sent: Thursday, July 19, 2018 3:43 PM
To: Norris, Anne <Anne.Norris@fda.hhs.gov>; Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Great points, thank you Anne!

From: Norris, Anne
Sent: Thursday, July 19, 2018 3:42 PM
To: Putnam, Juli <JuliAnn.Putnam@fda.hhs.gov>; Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: RE: Media inquiry request - Washington Post - DCM - Deadline: 7/20

B5

B5

Thanks,
Anne

From: Putnam, Juli
Sent: Thursday, July 19, 2018 3:33 PM
To: Hartogensis, Martine <Martine.Hartogensis@fda.hhs.gov>
Cc: DeLancey, Siobhan <Siobhan.Delancey@fda.hhs.gov>; Norris, Anne <Anne.Norris@fda.hhs.gov>; Forfa, Tracey <Tracey.Forfa@fda.hhs.gov>
Subject: Media inquiry request - Washington Post - DCM - Deadline: 7/20

Hi Martine,
Are you willing to do another interview on DCM tomorrow morning? Washington Post is now writing too.
Please advise.
Thanks!
Juli

Reporter: Kate Furby
Outlet: Washington Post
Deadline: 7/20

Background: Kate would like to write a story on FDA's alert regarding DCM and its potential link to dog food. This would be for the Health, Environment, Science section of the Post. She is contacting a few vets at universities now as well.

Questions:

She said her questions would just be standard ones about the FDA alert on dog food and canine heart health.

- Questions about DCM – what is it, what are symptoms, how is it detected, how common is it, etc.
- Questions about legumes and potatoes in dog diets.

Juli Putnam
Press Officer

Office of Media Affairs
Office of External Affairs
U.S. Food and Drug Administration
Tel: 240-402-0537 / Cell: **B6**
Juli.Putnam@fda.hhs.gov



Cummings Veterinary Medical Center

AT TUFTS UNIVERSITY
Cardiology Liaison: 508-887-4696

B6

Patient ID: B6

B6 Canine
B6 Years Old Male (Neutered)

Doberman Pinscher
Black/Tan BW: Weight (kg) 32.00

Cardiology Consultation

Date: B6

Weight: Weight (kg) 32.00

Requesting Clinician: B6 (Resident - Emergency & Critical Care)

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology resident:

B6

Thoracic radiographs available for review?

- Yes - in SS
 Yes - in PACS
 No

Patient location: ER

Presenting complaint and important concurrent diseases: 8 y.o doberman presenting for acute onset soft cough after exercise and at rest, worse at night. Owners report coughing episodes have been getting more frequent over the past 3 days. Grade IV/VI right sided systolic murmur ausculted on exam. Had scheduled appointment to be seen with cardiology 9/20/18 based on arrhythmia heard at rDVM.

STOP - remainder of form to be filled out by Cardiology

Physical Examination

B6

Muscle condition:

- Normal
 Mild muscle loss
 Moderate cachexia
 Marked cachexia

Cardiovascular Physical Exam

Murmur Grade:

- None
 I/VI
 IV/VI
 V/VI

- II/VI
- III/VI

- V/VI

B6

Jugular vein:

- Bottom 1/3 of the neck
- Middle 1/3 of the neck
- Top 2/3 of the neck
- 1/2 way up the neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong
- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other (describe):

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats
- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent
- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds
- Pulmonary Crackles
- Wheezes
- Upper airway stridor
- Other auscultatory findings:

Abdominal exam:

- Normal
- Hepatomegaly
- Abdominal distension
- Mild ascites

Echocardiogram Findings:

B6

Mitral inflow:

- Summated
- Normal
- Delayed relaxation
- Pseudonormal
- Restrictive

B6

Assessment and recommendations: Findings consistent with DCM and active congestive heart failure. Simpson and sphericity index revealed advanced LV dilation and enlarged LA are consistent with advanced DCM. Recommend **B6** in order to improve systolic function, cardiac output and decrease LA pressure. TR revealed mild PHT, for which we expect that treating CHF will help to improve pulmonary circulation. **B6** can be considered in the future, but not for now. Radiographs revealed interstitial pattern consistent with incipient pulmonary edema. **B6** ID is recommended in

B6

Treatment plan:

B6

Final Diagnosis:

L-CHF secondary to DCM

Addendum:

B6 patient did well overnight, rare episodes of cough and respiratory rate stayed stable (20-28bpm). Frequent VPCs but all isolated. On echo TR gradient decreased to 35-40mmHg and MR increased to 110-115mmHg. Contractile function unchanged. Patient discharged from the hospital on

B6 10mg BID, **B6** 50mg BID, **B6** 10mg SID and **B6** 1g BID. Recheck is scheduled in 9 days. Recheck echo or radiographs, ECG, and blood work in 3-4 months.

Heart Failure Classification Score:

ISACHC Classification:

- | | |
|--|-------------------------------|
| <input type="checkbox"/> Ia | <input type="checkbox"/> IIIa |
| <input type="checkbox"/> Ib | <input type="checkbox"/> IIIb |
| <input checked="" type="checkbox"/> II | |

ACVIM CHF Classification:

- | | |
|-----------------------------|---------------------------------------|
| <input type="checkbox"/> A | <input checked="" type="checkbox"/> C |
| <input type="checkbox"/> B1 | <input type="checkbox"/> D |
| <input type="checkbox"/> B2 | |

Discharge Instructions

Patient

Name: B6

Species: Canine

Black/Tan Male (Neutered) Doberman
Pinscher

Birthdate: B6

Owner

Name: B6

Address: B6

Patient ID: B6

Attending Cardiologist:

John E. Rush DVM, MS, DACVIM (Cardiology), DACVECC

B6

Cardiology Resident:

B6 B6

Cardiology Technician:

B6

Student: B6

Admit Date: 9/20/2018 1:05:31 PM

Discharge Date: 9/20/2018

Diagnoses:

1. Dilated cardiomyopathy (DCM) – stable
2. Congestive heart failure – resolved

Case summary:

Thank you for bringing in B6 for his recheck appointment with us today. He is such a sweet boy! We are so happy to hear he has been doing so well on his medications and has not had any coughing, difficulty breathing, or exercise intolerance. We are so glad B6 is responding so well to his medications and is feeling so comfortable.

Today we performed a recheck quick ultrasound of his heart, an ECG to recheck his ventricular arrhythmias, and took some blood to recheck his kidney values since being on the B6 for 10 days. His heart seems to be contracting a little stronger than it was previously. His left ventricle was still dilated, but his left atrium was smaller today since his last visit, which means he is improving on his current medications. He did not have any arrhythmias when we performed his ECG today. The blood work results are normal and we would like to continue him on his current medication doses (see list below), and also continue exercise restricting him to only leash walks.

B6

B6

Recommended Medications:

B6

Diet suggestions:

We suggest **B6** to be in one of the diets we recommended (see list). Many pet treats, people foods, and supplements used to give pills often have more sodium than is desirable - a sheet that has suggestions for low sodium treats can be found on the HeartSmart web site (<http://vet.tufts.edu/heartsmart/diet/>)

Exercise Recommendations:

Leash walking only is ideal, and short walks to start. Once the heart failure is better controlled, then slightly longer walks are acceptable. However, if you find that **B6** is lagging behind or needs to stop on a walk then this was too long a walk and shorter walks are advised in the future. Repetitive or strenuous high energy activities (repetitive ball chasing, running fast off-leash, etc.) are generally not advised at this stage of heart failure.

Recheck Visits:

A recheck echocardiogram for **B6** is recommended in 3-4 months.

B6 has an appointment with us on October 2nd at 4 pm.)

Thank you for entrusting us with **B6** care. Please contact our Cardiology liaison at (508)-887-4696 or email us at cardiovet@tufts.edu for scheduling and non-emergent questions or concerns.

Please visit our HeartSmart website for more information

<http://vet.tufts.edu/heartsmart/>

Prescription Refill Disclaimer:

For the safety and well-being of our patients, your pet must have had an examination by one of our veterinarians within the past year in order to obtain prescription medications.

Ordering Food:

Please check with your primary veterinarian to purchase the recommended diet(s). If you wish to purchase your food from us, please call 7-10 days in advance (508-887-4629) to ensure the food is in stock. Alternatively, veterinary diets can be ordered from online retailers with a prescription/veterinary approval.

Clinical Trials:

Clinical trials are studies in which our veterinary doctors work with you and your pet to investigate a specific disease process or a promising new test or treatment. Please see our website: vet.tufts.edu/cvmc/clinical-studies

Case **B6**

Owner: Bulman, **B6**

Discharge Instructions

From: PFR Event <pfpreventcreation@fda.hhs.gov>
To: Cleary, Michael *; HQ Pet Food Report Notification; B6
Sent: 9/7/2018 8:44:29 PM
Subject: Zignature Kangaroo limited ingredient grain free dry: Lisa Freeman - EON-364572
Attachments: 2054747-report.pdf; 2054747-attachments.zip

A PFR Report has been received and PFR Event [EON-364572] has been created in the EON System.

A "PDF" report by name "2054747-report.pdf" is attached to this email notification for your reference. Please note that all documents received in the report are compressed into a zip file by name "2054747-attachments.zip" and is attached to this email notification.

Below is the summary of the report:

EON Key: EON-364572

ICSR #: 2054747

EON Title: PFR Event created for Zignature Kangaroo limited ingredient grain free dry; 2054747

AE Date	07/23/2016	Number Fed/Exposed	
Best By Date		Number Reacted	1
Animal Species	Dog	Outcome to Date	Recovered Completely
Breed	Mixed (Dog)		
Age	5 Years		
District Involved	PFR-New England DO		

Product information

Individual Case Safety Report Number: 2054747

Product Group: Pet Food

Product Name: Zignature Kangaroo limited ingredient grain free dry

Description: Developed DCM and CHF on Zignature Kangaroo limited ingredient grain free dry. Changed to Hill's ideal balance chicken and rice dry at time of diagnosis and has improved significantly on last echo (6/13/18) - fractional shortening and heart size now normal and starting to wean off meds

Submission Type: Initial

Report Type: Adverse Event (a symptom, reaction or disease associated with the product)

Outcome of reaction/event at the time of last observation: Recovered Completely

Number of Animals Reacted With Product: 1

Product Name	Lot Number or ID	Best By Date
Zignature Kangaroo limited ingredient grain free dry		

Sender information

Lisa Freeman
200 Westboro Rd
North Grafton, MA 01536
USA

Owner information

B6 USA

To view this PFR Event, please click the link below:

<https://eon.fda.gov/eon/browse/EON-364572>

To view the PFR Event Report, please click the link below:

<https://eon.fda.gov/eon/EventCustomDetailsAction!viewReport.jspx?decorator=none&e=0&issueType=12&issueId=381306>

This email and attached document are being provided to you in your capacity as a Commissioned Official with the U.S. Department of Health and Human Services as authorized by law. You are being provided with this information pursuant to your signed Acceptance of Commission.

This email message is intended for the exclusive use of the recipient(s) named above. It may contain information that is protected, privileged, or confidential. Any dissemination, distribution, or copying is strictly prohibited.

The information is provided as part of the Federal-State Integration initiative. As a Commissioned Official and state government official, you are reminded of your obligation to protect non-public information, including trade secret and confidential commercial information that you receive from the U.S. Food and Drug Administration from further disclosure. The information in the report is intended for situational awareness and should not be shared or acted upon independently. Any and all actions regarding this information should be coordinated through your local district FDA office.

Failure to adhere to the above provisions could result in removal from the approved distribution list. If you think you received this email in error, please send an email to FDAREportableFoods@fda.hhs.gov immediately.

Report Details - EON-364572

ICSR: 2054747
Type Of Submission: Initial
Report Version: FPSR.FDA.PETF.V.V1
Type Of Report: Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type: Voluntary
Report Submission Date: 2018-09-07 16:41:17 EDT

Reported Problem:

Problem Description:	Developed DCM and CHF on Zignature Kangaroo limited ingredient grain free dry. Changed to Hill's ideal balance chicken and rice dry at time of diagnosis and has improved significantly on last echo (6/13/18) - fractional shortening and heart size now normal and starting to wean off meds
Date Problem Started:	07/23/2016
Concurrent Medical Problem:	No
Outcome to Date:	Recovered Completely

Product Information:

Product Name:	Zignature Kangaroo limited ingredient grain free dry
Product Type:	Pet Food
Lot Number:	
Package Type:	BAG
Storage Conditions:	Owner may be able to figure out exact date of starting Zignature based on online purchases
Product Use Information:	
Manufacturer /Distributor Information:	
Purchase Location Information:	

Animal Information:

Name:	B6			
Type Of Species:	Dog			
Type Of Breed:	Mixed (Dog)			
Gender:	Male			
Reproductive Status:	Neutered			
Weight:	26.2 Kilogram			
Age:	5 Years			
Assessment of Prior Health:	Excellent			
Number of Animals Reacted:	1			
Owner Information:	Owner Information provided:	Yes		
	Contact:	Name:	B6	
		Phone:		
		Email:		
Address:	B6 United States			
Healthcare Professional Information:	Practice Name:	Tufts Cummings School of Veterinary Medicine		
	Contact:	Name:	Lisa Freeman	
		Phone:	(508) 887-4523	
		Email:	lisa.freeman@tufts.edu	

Address: 200 Westboro Rd
North Grafton
Massachusetts
01536
United States

Sender Information:

Name:	Lisa Freeman
Address:	200 Westboro Rd North Grafton Massachusetts 01536 United States
Contact:	Phone: 5088874523
	Email: lisa.freeman@tufts.edu
Permission To Contact Sender:	Yes
Preferred Method Of Contact:	Email

Additional Documents:

Attachment:	cardio consult 7-23-16.pdf
Description:	Will send the rest by email - too many files to upload individually
Type:	Medical Records

B6

Patient ID: **B6**

B6

Canine

15 Old Male (Neutered) Beagle

Cross

White/Brown BW: Weight (kg) 20.40

Cardiology Consultation

Date: **B6**

Weight: Weight (kg) 20.40

Patient location: ICU 02

Requesting Clinician: **B6** DVF (Emergency and Critical Care Resident)

Attending Cardiologist:

B6

Cardiology Resident:

B6

Thoracic radiographs available for review?

- Yes - in SS
- Yes - in PACS
- No

Presenting complaint and important concurrent diseases: Cough, cardiomegaly and pulmonary edema on rDVM rads

Current medications and doses: **B6**

STOP - remainder of form to be filled out by Cardiology

Physical Examination:

B6

Muscle condition:

- Normal
- Mild muscle loss
- Moderate cachexia
- Marked cachexia

Cardiovascular Physical Exam

Murmur Grade:

- None
- I/VI
- II/VI
- IV/VI
- V/VI
- VI/VI

III/VI

B6

Jugular vein:

- Bottom 1/3 of neck
- Middle 1/3 of neck

Top 2/3 of neck

Arterial pulses:

- Weak
- Fair
- Good
- Strong

- Bounding
- Pulse deficits
- Pulsus paradoxus
- Other (describe):

Arrhythmia:

- None
- Sinus arrhythmia
- Premature beats

- Bradycardia
- Tachycardia

Gallop:

- Yes
- No
- Intermittent

- Pronounced
- Other:

Pulmonary assessments:

- Eupneic
- Mild dyspnea
- Marked dyspnea
- Normal BV sounds

- Pulmonary Crackles
- Wheezes
- Upper airway stridor
- Other auscultatory findings:

Abdominal exam:

- Normal
- Hepatomegaly

- Abdominal distension
- Mild ascites

Echocardiogram Findings:

B6

B6

Assessment and recommendations:

Echocardiogram reveals dilated LV cavity with decrease contractile function and LAE, with DCM-like changes and secondary CHF, although the LV walls are not thinner than normal. This may be a early DCM or cardiomyopathy secondary to myocarditis vs primary cardiomyopathy. Aortic velocity is slightly increased, which is not typical of DCM, but no other defects are visible that would result in increased stroke volume. Recommend submitting CBC and chemistry. Recommend continuing **B6** if patient is eating well and not azotemic. Given the somewhat unusual appearance of pulmonary edema could consider recheck thoracic radiographs after **B6** treatment. However, patient has had a positive response to **B6** and radiographs may not be essential at this time. Given the young age, atypical breed, and non traditional diet (kangaroo and lentil) recommend submitting taurine levels (serum and whole blood) or supplementing with taurine. If there is a travel history outside of New England could consider testing for Chagas disease. Recheck exam and renal values in 10-14 days. Recheck echo in 3-4 months.

Recheck appointment scheduled with cardiology on Tuesday August 2nd at 11AM. Please call 508 887 4696 if need to reschedule.

Treatment plan:

B6

Final Diagnosis:

DCM vs. cardiomyopathy (primary vs. secondary to myocarditis) with secondary CHF
Mild PHT

Heart Failure Classification Score:

ISACHC Classification:

- Ia
- Ib
- II
- IIIa
- IIIb

ACVIM CHF Classification:

- A
- B1
- B2
- C
- D

M-Mode

IVSd

LVIDd

LVPWd

IVSs

LVIDs

LVPWs

%FS

Ao Diam

LA Diam

LA/Ao

Max LA

EPSS

cm

cm

cm

cm

cm

cm

%

cm

cm

cm

cm

B6

M-Mode Normalized

IVSdN

LVIDdN

LVPWdN

IVSsN

LVIDsN

LVPWsN

Ao Diam N

LA Diam N

{0.29 - 0.52}

{1.35 - 1.73} !

{0.33 - 0.53}

{0.43 - 0.71}

{0.79 - 1.14} !

{0.53 - 0.78} !

{0.68 - 0.89}

{0.64 - 0.90}

B6

2D

SA LA

Ao Diam

SA LA / Ao Diam

IVSd

LVIDd

LVPWd

EDV(Teich)

IVSs

LVIDs

LVPWs

ESV(Teich)

EF(Teich)

%FS

SV(Teich)

cm

cm

cm

cm

cm

ml

cm

cm

cm

ml

%

%

ml

B6

Doppler

MR Vmax

MR maxPG

MV E Vel

MV DecT

MV A Vel

MV E/A Ratio

E'

A'

m/s

mmHg

m/s

ms

m/s

m/s

m/s

B6

E/E'
PV Vmax
PV maxPG
AV Vmax
AV maxPG
TR Vmax
TR maxPG

B6

m/s
mmHg
m/s
mmHg
m/s
mmHg

Report Details - EON-353249

ICSR: 2047411
 Type Of Submission: Initial
 Report Version: FPSR.FDA.PETF.V.V1
 Type Of Report: Both
 Reporting Type: Voluntary
 Report Submission Date: **B6** 15:19:45 EDT
 Reporter is the Animal Owner: Yes

Reported Problem:

Problem Description: **B6** stopped eating his food on **B6**. But ate regularly on **B6**. On **B6** **B6** could not walk and did not eat. Was brought into the **B6** Hospital, there I was told that **B6** had a heart ailment he was given an ECG and it was shown to me, he had a slow heart beat, his rate 'irregular'. Everything else was normal, blood work, urinalysis, X-Rays, everything. No cause for the heart damage could be found, so he was not put on any medication. I became worried. **B6** assured me that if **B6** required a Pacemaker, that **B6** **B6** preformed those operations and that dogs lived for many happy years, don't be concerned... Later that night, at about 9:30 pm I manage to coax **B6** to eat some 'boiled chicken thigh'. He eats heartily, sleeps well. The next day he eats his food without an issue. The following Wednesday, we have a regular appointment with **B6** **B6** is re-checked, his heartbeat is way better but its still 'irregular'. **B6** is happy healthy is acting unaware as though there is no problem. I get an appointment to see the Cardiologist on **B6** **B6** of the **B6** and he suggested the best course was to put a halter monitor on **B6** for 24 hours then we can find out exact what his problem is. **B6** and I go home on Thursday with his monitor. On Friday, I was to take **B6** back to **B6** office to get the monitor taken off, my husband drove him home as I had another appointment. Friday night **B6** ate all his food, and he had been eating part or all of his food since Friday the **B6** that's more than **B6** weeks, on Friday night **B6** had a 'fit' before bed. Like he could not catch his breath. That stopped and eventually he went to sleep. On Saturday he did not finish his breakfast, there was no barking, no dancing for his meal. I coaxed him into eating some boiled chicken at about 11:32 am, that was the last time he ate... **B6** started vomiting and defecating. He became quiet, but he never fell asleep. We had to carry him outside. I gave him water from a Turkey Baster. **B6** was very thirsty. We both thought **B6** had a 'sour tummy' and would get better in 24 hours. We brought him upstairs to bed with us. **B6** wanted to sleep on the bathroom floor. I woke up at midnight, his head was up, he was alert and breathing. I woke up at 2:32 I saw his head was down, I thought he was getting some sleep, but I felt his chest he was no longer breathing, I could not feel a heart beat, his eyes were open. On Monday **B6** called and stated that the harness test that we had done did not show any cardiac anomalies, so he surmised it had to be something that **B6** got into, but **B6** had a very discerning palate, the other dogs, yes, **B6** no. All I could think of was the bag of dog food we got it just before the first time **B6** refused food. If I had to do it over again, I would thrown away I would not have given it to him...

Date Problem Started: **B6**

Concurrent Medical Problem: No

Outcome to Date: Died Naturally

Date of Death: **B6**

Product Information:

Product Name: Purina Pro Plan Veterinary Diets OM Select Blend Overweight Management

Product Type: Pet Food

Lot Number:

UPC: 801210820833L10

Package Type: BAG

Package Size: 18 Pound

Purchase Date: 04/06/2018

Number Purchased: 1

Possess Unopened: No

	Product:	
	Possess Opened Product:	Yes
	Storage Conditions:	It was kept in the clean and dry Laundry Room. Bag unbroken and unopened, kept closed with a clip.
	Product Use Information:	<p>Description: We would put a few cups into a plastic container then serve it directly to the dog from there. The bag would be stored in the inside Laundry room away from the Washer and Dryer. We would use a 'serving cup' to give him just a quarter cup then put a little canned dog food with it, then water to make 'gravy'.</p> <p>First Exposure Date: B6</p> <p>Last Exposure Date: B6</p> <p>Time Interval between Product Use and Adverse Event: 4 Days</p> <p>Product Use Stopped After the Onset of the Adverse Event: No</p> <p>Perceived Relatedness to Adverse Event: Definitely related</p> <p>Other Foods or Products Given to the Animal During This Time Period: Yes</p>
	Manufacturer /Distributor Information:	
	Purchase Location Information:	<p>Name: Chewy.com</p> <p>Address: Dania Beach Florida Florida United States</p>
Animal Information:	Name:	B6
	Type Of Species:	Dog
	Type Of Breed:	Schipperke
	Gender:	Male
	Reproductive Status:	Neutered
	Weight:	18 Pound
	Age:	9 Years
	Assessment of Prior Health:	Excellent
	Number of Animals Given the Product:	1
	Number of Animals Reacted:	1
	Owner Information:	
	Healthcare Professional Information:	
Sender Information:	Name:	
	Address:	B6

B6
United States

Contact: Phone:
Other Phone:
Email:

B6

Reporter Wants to Remain Anonymous: No

Permission To Contact Sender: Yes

Preferred Method Of Contact: Email

Reported to Other Parties: Other

Additional Documents:

**DOCUMENT
PRODUCED IN NATIVE**

Report Details - EON-163162

ICSR:	1034323
Type Of Submission:	Initial
Report Version:	FPSR.FDA.PETF.V.V1
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)
Reporting Type:	Voluntary
Report Submission Date:	2014-04-03 00:24:01 EDT
Reporter is the Animal Owner:	Yes

Reported Problem:	Problem Description:	Hills Prescription U/D caused developmental cardiac deficiencies in our dog [B6]. We believe it is unsafe to be used in canines over any length of time. We have extensive medical records for proof of this fact. [B6] was diagnosed with [B6] in March 2007 and after surgery was prescribed Hill Prescription Diet U/D dry and canned food. This was his only source of nutrition along with baby carrots as treats. On May 15, 2013, he developed an unusual cough which was continuous for the entire afternoon and evening. He woke up coughing at 3:00am as well. The next day I took him to the vet we were seeing at that time. He received an ECG after the vet heard a gallop heartbeat. He was diagnosed with dilated cardiomyopathy and we immediately went to [B6] to the cardiology department. At that time, he was diagnosed with congestive heart failure and started on [B6] taurine, L-carnitine, and fish oil. His diet was changed to Royal Canine, low purine and Hill's L/D at the recommendation of the [B6] Nutrition Department. At that time, his cardiologist, [B6] suspected that his heart disease was nutrition related. Hill U/D does not have enough of the proper nutrients in it to allow for adequate heart development and function. We knew that several months would have to pass before we knew for certain if this was indeed the case. We took him back to the cardiologist in August and he was showing some mild improvement. We took him again in February and the improvement in his heart function was astonishing. He still has dilated cardiomyopathy but it is improving vastly with his dietary changes. The improvements are not seen with heart medications alone according to his medical records. His long term prognosis is still uncertain but continued improvement is hoped for. It is not common knowledge among general veterinarians that this food is unsafe for long term use. This food should come with a warning label at the very least. I request that it be pulled from the market as it is the catalyst for heart disease and unsafe for canine consumption.
	Date Problem Started:	05/16/2013
	Concurrent Medical Problem:	Yes
	Pre Existing Conditions:	[B6] was diagnosed with [B6] in late March of 2007. After having surgery to remove [B6] he was placed on [B6] in as well as being prescribed Hill's u/d dry and canned food to prevent any [B6] problems.
	Outcome to Date:	Better/Improved/Recovering

Product Information:	Product Name:	Hills prescription diet u/d canned food and dry food
	Product Type:	Pet Food
	Lot Number:	
	Package Type:	BAG
	Package Size:	27 Pound
	Purchase Date:	04/28/2013
	Number Purchased:	1
	Possess Unopened Product:	No
	Possess Opened Product:	No
	Storage Conditions:	Sealed container
Product Use Information:	Description:	1 2/3 cups fed daily. 3 cans feed weekly
	Time Interval:	6 Weeks

between Product Use and Adverse Event:	
Product Use Stopped After the Onset of the Adverse Event:	Yes
Adverse Event Abate After Product Stop:	No
Product Use Started Again:	No
Perceived Relatedness to Adverse Event:	Definitely related
Other Foods or Products Given to the Animal During This Time Period:	No

Manufacturer /Distributor Information:

Purchase Location Information:

Name:	B6	
Address:	B6	
	United States	

Animal Information:

Name:	B6	
Type Of Species:	Dog	
Type Of Breed:	Dalmatian	
Gender:	Male	
Reproductive Status:	Neutered	
Weight:	96.4 Pound	
Age:	8 Years	
Assessment of Prior Health:	Good	
Number of Animals Given the Product:	1	
Number of Animals Reacted:	1	
Owner Information:		
Healthcare Professional Information:	Practice Name:	B6
	Contact: Name:	B6
	Phone:	
	Address:	B6
		United States
	Type of Veterinarian:	Referred veterinarian
	Date First Seen:	05/16/2013
Permission to Release Records to FDA:	Yes	

Sender Information:

Name:	Kelley Bearden
-------	----------------

	Address:	B6	
		United States	
	Contact:	Phone:	
		Email:	B6
	Permission To Contact Sender:	Yes	
Preferred Method Of Contact:	Phone		
Reported to Other Parties:	Manufacturer		
Additional Documents:			
	Attachment:	image.jpg	
	Description:	Medical records	B6
	Type:	Medical Records	

Report Details - EON-303741

ICSR:	1063738
Type Of Submission:	Initial
Report Version:	FPSR.FDA.PETF.V.V1
Type Of Report:	Product Problem (an observed or detected product issue or defect that has the potential to cause harm)
Reporting Type:	Voluntary
Report Submission Date:	2017-03-02 09:54:35 EST

Reported Problem:	Problem Description:	A 3 year old spayed female whippet developed congestive heart failure in September 2015 and was treated with medications for congestive heart failure. She was evaluated by a veterinary cardiologist on 5/18/16 and findings consistent with dilated cardiomyopathy. Her housemate, a 4 year old castrated male whippet, developed congestive heart failure in April 2016 and was also evaluated on 5/18/16, and found to have dilated cardiomyopathy. Both dogs underwent blood testing for a heavy metal screen and were found to have increased total blood iron concentrations. Both dogs underwent MRI evaluation for heart and liver iron and were negative. The male dog died on [B6] and his heart was evaluated by a pathologist at the [B6]. [B6] The findings were typical of idiopathic dilated cardiomyopathy, and results of special stains for iron were negative. Both dogs had been fed the same dry food (Earthborn Primitive Natural) as their only diet since January, 2015 (9 months prior to the female developing congestive heart failure and 15 months prior to the male developing congestive heart failure. A sample of the food was submitted for analysis for iron content through a commercial laboratory [B6]. [B6] The sample, taken from a bag of food purchased at a pet food center in [B6] in April 2016, showed an iron content of 731 mg/kg, which appears to be high, according to a veterinary nutritionist contacted.
	Date Problem Started:	09/01/2015

Product Information:	Product Name:	Earthborn Holistic Primitive Natural		
	Product Type:	Pet Food		
	Lot Number:	Lot Number:	M-2 L-1 B-11 N.W. 71452 Reg. No. II. PFO-0003 1830	
		Expiration Date:	08/18/2017	
	UPC:	3484671452		
	Package Type:	BAG		
	Package Size:	12.7 kilogram		
	Purchase Date:	04/01/2016		
	Number Purchased:	1		
	Possess Unopened Product:	No		
	Possess Opened Product:	Yes		
	Product Use Information:			
	Manufacturer /Distributor Information:	Name:	Midwestern Pet Foods, Inc.	
		Type(s):	Manufacturer	
		Address:	Evansville Indiana 47725 United States	
Contact:		Phone:	(800) 474-4163	
		Web Address:	earthbornholisticpetfood.com	
Possess One or More Labels from This Product:	Yes			
Purchase Location Information:	Name:	a "pet food center"		

		Address: United States		
Animal Information:	Name:			
	Owner Information:	Owner Information provided:	Yes	
		Contact:	Name:	B6
			Phone:	B6
	Email:	B6		
	Address:	B6	United States	
	Healthcare Professional Information:			
Sender Information:	Name:			
	Address:	B6		
		United States		
	Contact:	Phone:	B6	
		Email:	B6	
	Permission To Contact Sender:	Yes		
Preferred Method Of Contact:	Email			
Reported to Other Parties:	Other			
Additional Documents:	Attachment:	EarthbornPrimitive Analysis 2016.pdf		
	Description:	"as Fed" food analysis for iron		
	Type:	Analysis		

Report Details - EON-308715		
ICSR:	1064844	
Type Of Submission:	Initial	
Report Version:	FPSR.FDA.PETF.V.V1	
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)	
Reporting Type:	Voluntary	
Report Submission Date:	2017-03-30 15:52:14 EDT	
Reported Problem:	Problem Description: Presented to local veterinarian for gagging cough. Regular veterinarian concerned about new heart murmur and large heart on ultrasound and referred to Emergency and Cardiology services at: B6 . Cardiac workup showed degenerative valvular disease, but also very depressed cardiac contractility and early congestive heart failure. Taurine level (plasma) was checked to rule out taurine deficiency as cause of depressed cardiac contractility and level was extremely low - B6 mol/mL (normal is 60-120 nmol/mL; critical is < 40 nmol/mL). Concerned that diet may not have sufficient precursors to taurine.	
	Date Problem Started: 03/09/2017	
	Concurrent Medical Problem: No	
	Outcome to Date: Stable	
Product Information:	Product Name: Nature's Variety Instinct Limited Ingredient diet Lamb Meal & Peas Formula	
	Product Type: Pet Food	
	Lot Number:	
	UPC: 769949653905	
	Package Type: BAG	
	Package Size: 25.3 Pound	
	Possess Unopened Product: Unknown	
	Possess Opened Product: Yes	
	Storage Conditions: Stored in original bag	
	Product Use Information:	Description: Fed 1 and 1/4 cup twice daily for several years according to pet owner
		Last Exposure Date: 03/09/2017
		Product Use Stopped After the Onset of the Adverse Event: Yes
		Adverse Event Abate After Product Stop: Unknown
		Product Use Started Again: No
Perceived Relatedness to Adverse Event: Possibly related		
Other Foods or Products Given to the Animal During This Time Period: Unknown		
Manufacturer /Distributor Information:		
Purchase Location Information:		
Animal Information:	Name: B6	

	Type Of Species:	Dog																
	Type Of Breed:	Retriever - Golden																
	Gender:	Male																
	Reproductive Status:	Neutered																
	Weight:	66 Pound																
	Age:	B6 Years																
	Assessment of Prior Health:	Excellent																
	Number of Animals Given the Product:	1																
	Number of Animals Reacted:	1																
	Owner Information:	<table border="1"> <tr> <td>Owner Information provided:</td> <td>Yes</td> </tr> <tr> <td>Contact:</td> <td> <table border="1"> <tr> <td>Name:</td> <td>B6</td> </tr> <tr> <td>Phone:</td> <td></td> </tr> <tr> <td>Other Phone:</td> <td></td> </tr> <tr> <td>Email:</td> <td></td> </tr> </table> </td> </tr> <tr> <td>Address:</td> <td> <table border="1"> <tr> <td>B6</td> </tr> <tr> <td>United States</td> </tr> </table> </td> </tr> </table>	Owner Information provided:	Yes	Contact:	<table border="1"> <tr> <td>Name:</td> <td>B6</td> </tr> <tr> <td>Phone:</td> <td></td> </tr> <tr> <td>Other Phone:</td> <td></td> </tr> <tr> <td>Email:</td> <td></td> </tr> </table>	Name:	B6	Phone:		Other Phone:		Email:		Address:	<table border="1"> <tr> <td>B6</td> </tr> <tr> <td>United States</td> </tr> </table>	B6	United States
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	Preferred Method Of Contact:	Email																
	Reported to Other Parties:	None																
Additional Documents:																		

Report Details - EON-308715		
ICSR:	1064844	
Type Of Submission:	Initial	
Report Version:	FPSR.FDA.PETF.V.V1	
Type Of Report:	Adverse Event (a symptom, reaction or disease associated with the product)	
Reporting Type:	Voluntary	
Report Submission Date:	2017-03-30 15:52:14 EDT	
Reported Problem:	Problem Description: Presented to local veterinarian for gagging cough. Regular veterinarian concerned about new heart murmur and large heart on ultrasound and referred to Emergency and Cardiology services at [REDACTED] B6 [REDACTED]. Cardiac workup showed degenerative valvular disease, but also very depressed cardiac contractility and early congestive heart failure. Taurine level (plasma) was checked to rule out taurine deficiency as cause of depressed cardiac contractility and level was extremely low [REDACTED] B6 [REDACTED] nmol/mL (normal is 60-120 nmol/mL; critical is < 40 nmol/mL). Concerned that diet may not have sufficient precursors to taurine.	
	Date Problem Started: 03/09/2017	
	Concurrent Medical Problem: No	
	Outcome to Date: Stable	
Product Information:	Product Name: Nature's Variety Instinct Limited Ingredient diet Lamb Meal & Peas Formula	
	Product Type: Pet Food	
	Lot Number:	
	UPC: 769949653905	
	Package Type: BAG	
	Package Size: 25.3 Pound	
	Possess Unopened Product: Unknown	
	Possess Opened Product: Yes	
	Storage Conditions: Stored in original bag	
	Product Use Information:	Description: Fed 1 and 1/4 cup twice daily for several years according to pet owner
		Last Exposure Date: 03/09/2017
		Product Use Stopped After the Onset of the Adverse Event: Yes
		Adverse Event Abate After Product Stop: Unknown
		Product Use Started Again: No
Perceived Relatedness to Adverse Event: Possibly related		
Other Foods or Products Given to the Animal During This Time Period: Unknown		
Manufacturer /Distributor Information:		
Purchase Location Information:		
Animal Information:	Name: [REDACTED] B6 [REDACTED]	

	Type Of Species: Dog																						
	Type Of Breed: Retriever - Golden																						
	Gender: Male																						
	Reproductive Status: Neutered																						
	Weight: 66 Pound																						
	Age: B6 ears																						
	Assessment of Prior Health: Excellent																						
	Number of Animals Given the Product: 1																						
	Number of Animals Reacted: 1																						
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