

IMPORTANT PRESCRIBING INFORMATION

DATE: October 21, 2024

Subject: Temporary importation of DIANEAL Low Calcium Peritoneal Dialysis Solution (2000 mL) from China for use in Continuous Ambulatory Peritoneal Dialysis to address drug shortages

Dear Healthcare Professional,

Due to the current critical shortage of DIANEAL PD-2 and DIANEAL Low Calcium (2.5 mEq/L) Peritoneal Dialysis Solution, Baxter Healthcare Corporation (Baxter) is coordinating with the U.S. Food and Drug Administration (FDA) to temporarily import DIANEAL Low Calcium Peritoneal Dialysis Solution (2000 mL) from Baxter's manufacturing facility in Guangzhou, China. FDA has not approved this product manufactured by Baxter's Guangzhou, China facility.

You may be provided with additional letters for other DIANEAL imported peritoneal dialysis solutions you receive. Please read each letter in its entirety because each letter may contain different, product-specific information.

Baxter has initiated temporary importation of DIANEAL Low Calcium Peritoneal Dialysis Solution for use in Continuous Ambulatory Peritoneal Dialysis (CAPD) therapy as described in the table below. This product is manufactured by Baxter's manufacturing facility in Guangzhou, China and is marketed in China. At this time, importation or distribution of DIANEAL Low Calcium Peritoneal Dialysis Solution (2000 mL) in the United States by any entity other than Baxter or its authorized distributor(s) is considered a violation of the Federal Food, Drug, and Cosmetic Act and is subject to enforcement by the FDA.

Effective immediately, and during this temporary period, Baxter will offer the following imported products from Baxter's facility in Guangzhou, China:

China Imported Product Name and Description	CAPD Fill Volume	Product Code	Bags per Carton	NDC Code
DIANEAL Low Calcium Peritoneal Dialysis Solution (Lactate-G 1.5%)	2000 mL	6AB9766	8	0941-0686-01 (bag) 0941-0686-08 (carton)
DIANEAL Low Calcium Peritoneal Dialysis Solution (Lactate-G 2.5%)	2000 mL	6AB9776	8	0941-0690-01 (bag) 0941-0690-08 (carton)
DIANEAL Low Calcium Peritoneal Dialysis Solution (Lactate-G 4.25%)	2000 mL	6AB9796	8	0941-0694-01 (bag) 0941-0694-08 (carton)

It is important to note the following:

 DIANEAL Low Calcium Peritoneal Dialysis Solution contains 1.24 mmol/L (2.5 mEq/L) calcium compared to DIANEAL PD-2 Peritoneal Dialysis Solution which contains 1.75 mmol/L (3.5 mEq/L) calcium. Patients receiving China-imported DIANEAL solution should have their serum calcium levels monitored for the development of hypocalcemia.



- There are no other clinically relevant differences in the DIANEAL drug composition between the USmanufactured and China-manufactured product (see Table 1, below). As such, clinical practice for usage, administration, and dosage for the China imported product is the same as with DIANEAL PD-2 and DIANEAL Low Calcium (2.5 mEq/L) Peritoneal Dialysis Solution manufactured in U.S. Please refer to the FDA-approved DIANEAL Peritoneal Dialysis Solution Prescribing Information for reference.
- DIANEAL Low Calcium Peritoneal Dialysis Solution imported from China will only be available in 2000 mL fill volume for CAPD so there will need to be adaptation to the PD prescription for some patients.
- The Luer-lock connector functions the same and is fully compatible with peritoneal dialysis sets marketed in the United States. China imported product has a single green frangible near the Y connector which is broken at the same time during flush phase as the corresponding blue frangible in U.S.-manufactured product. China imported product has the same color-coded pull rings for 1.5% (yellow) and green (2.5%) dextrose concentrations as U.S. manufactured product. The pull ring for 4.25% dextrose concentration fluid is orange in China imported product and red in U.S. manufactured product. The container label in China imported product and red in U.S. manufactured product. The container label in China imported product is in Chinese but key product characteristics are in English solution type, volume, expiry date and dextrose concentration. See Table 1 for more details of product differences.
- The China imported product includes barcodes on the shipping carton; however, the **barcodes may not register accurately in the U.S. scanning systems**. There are no barcodes on the solution containers of the China imported product. Alternative procedures should be followed to assure that the correct drug product is being used in all systems and processes and administered to individual patients. For example, institutions should consider manually inputting the product into their systems and confirm that barcode systems do not provide incorrect information when the product is scanned. Please note that the imported solutions bags do not have barcodes.
- DIANEAL Low Calcium (2.5 mEq/L) Peritoneal Dialysis Solutions are available only by prescription in the U.S. However, the imported product does not have the statement "Rx only" on the labeling.

Before prescribing, healthcare providers should be aware of some key differences in the container packaging and labeling between the China imported product and the FDA approved product which are stated in the product comparison tables at the end of this letter as follows:

- Table 1: Key differences of DIANEAL Peritoneal Dialysis Solution for CAPD therapy
- Table 2: Label images of DIANEAL 2000 mL CAPD product presentations

Reporting Adverse Events

To report adverse events associated with these imported products, please call Baxter at 1-866-888-2472, or fax: 1-800-759-1801. Adverse events or quality problems experienced with the use of these imported products may also be reported to the FDA's MedWatch Adverse Event Reporting program either online, by regular mail or by fax:

- Complete and submit the report **Online**: <u>www.fda.gov/medwatch/report.htm</u>
- **Regular mail or Fax**: Download form <u>www.fda.gov/MedWatch/getforms.htm</u> or call 1-800-332-1088 to request a reporting form, then complete and return to the address on the pre-addressed form, or submit by fax to 1-800-FDA-0178 (1-800-332-0178)



To report product quality issues, please report to: <u>Baxter - Product Feedback Portal (https://productfeedback.baxter.com/</u>).

Please refer to the FDA approved full prescribing information for DIANEAL Peritoneal Dialysis Solution at DailyMed (nih.gov).

If you have any questions about the information contained in this letter or the use of imported DIANEAL Low Calcium Peritoneal Dialysis Solution, please contact Baxter's Medical Information Service at 1-888-736-2543.

To place an order, please contact Baxter's Center for Home Care Services by calling 1-800-284-4060.

Sincerely,

Electronically signed by: Geovana Basso Geovana Basso Date: Oct 21, 2024 14:17 CDT

Geovana Basso, M.D. Director of Americas Medical Affairs Baxter Healthcare Corporation One Baxter Parkway Deerfield, Illinois 60015

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Attachments: Product Comparison Tables 1 and 2



Table 1. Key differences of DIANEAL Peritoneal Dialysis Solution for CAPD therapy

	Imported Product (Guangzhou, China) DIANEAL Low Calcium	U.S. FDA-Approved Product DIANEAL Low Calcium	U.S. FDA-Approved Product DIANEAL PD-2
Product name	DIANEAL Low Calcium Peritoneal Dialysis Solution (Lactate-G 1.5%)	DIANEAL Low Calcium (2.5 mEq/L) Peritoneal Dialysis Solution with 1.5 % Dextrose	DIANEAL PD-2 Peritoneal Dialysis Solution with 1.5% Dextrose
	DIANEAL Low Calcium Peritoneal Dialysis Solution (Lactate-G 2.5%) DIANEAL Low Calcium Peritoneal Dialysis	DIANEAL Low Calcium (2.5 mEq/L) Peritoneal Dialysis Solution with 2.5% Dextrose	DIANEAL PD-2 Peritoneal Dialysis Solution with 2.5% Dextrose DIANEAL PD-2 Peritoneal Dialysis Solution with 4.25% Dextrose
	Solution (Lactate-G 4.25%)	(2.5 mEq/L) Peritoneal Dialysis Solution with 4.25% Dextrose	
Labeled Fill Volume	2000 mL	1500 mL 2000 mL 2500 mL 3000 mL	2000 mL 2500 mL 3000 mL
Container Type	PVC Twin Bag	UltraBag Container (PVC)	UltraBag Container (PVC)
Bags Per Carton	8	1500 mL: 8 2000 mL: 6 2500 mL: 5 3000 mL: 4	2000 mL: 6 2500 mL: 5 3000 mL: 4
Indications	Acute and chronic renal failure patients who require continuous ambulatory peritoneal dialysis treatment because non-dialysis treatment is ineffective.	DIANEAL peritoneal dialysis solutions are indicated for patients in acute or chronic renal failure.	DIANEAL peritoneal dialysis solutions are indicated for patients in acute or chronic renal failure.
Active Ingredient-	1.5% Dextrose : Dextrose Hydrous 1.5 g / 100 mL	1.5% Dextrose : Dextrose Hydrous, USP 1.5 g / 100 mL	1.5% Dextrose : Dextrose Hydrous, USP 1.5 g / 100 mL
Dextrose	2.5% Dextrose : Dextrose Hydrous 2.5 g / 100 mL	2.5% Dextrose : Dextrose Hydrous, USP 2.5 g / 100 mL	2.5% Dextrose : Dextrose Hydrous, USP 2.5 g / 100 mL
	4.25% Dextrose : Dextrose Hydrous 4.25 g / 100 mL	4.25% Dextrose : Dextrose Hydrous, USP 4.25 g / 100 mL	4.25% Dextrose : Dextrose Hydrous, USP 4.25 g / 100 mL
Active Ingredient - Electrolytes	Sodium Chloride 538 mg / 100 mL Sodium Lactate 448 mg / 100 mL Calcium Chloride 18.3 mg / 100 mL Magnesium Chloride, 5.1 mg / 100 mL	Sodium Chloride, USP 538 mg / 100mL Sodium Lactate 448 mg / 100 mL Calcium Chloride, USP 18.3 mg / 100 mL Magnesium Chloride, USP 5.08 mg / 100 mL	Sodium Chloride, USP 538 mg / 100 mL Sodium Lactate 448 mg / 100 mL Calcium Chloride, USP 25.7 mg / 100 mL Magnesium Chloride, USP 5.08 mg /
Electrolyte Content per Liter with low calcium	Sodium 132 mmol/L (equivalent to 132 mEq/L) Calcium 1.24 mmol/L (equivalent to 2.48 mEq/L) Magnesium 0.25 mmol/L (equivalent to 0.5 mEq/L) Chloride 95 mmol/L (equivalent to 95 mmol/L) Lactate 40 mmol/L (equivalent to 40 mEq/L)	Sodium 132 mEq/L Calcium 2.5 mEq/L Magnesium 0.5 mEq/L Chloride 95 mEq/L Lactate 40 mEq/L	100 mL Sodium 132 mEq/L Calcium 3.5 mEq/L Magnesium 0.5 mEq/L Chloride 96 mEq/L Lactate 40 mEq/L
рН	5.2 (4.5 to 6.5)	5.2 (4.0 to 6.5)	5.2 (4.0 to 6.5)
Additional Information	1.5% Dextrose: Osmolarity 344 mOsmol/L (Calc) 2.5% Dextrose: Osmolarity 395 mOsmol/L (Calc) 4.25% Dextrose Osmolarity 483 mOsmol/L (Calc)	 1.5% Dextrose: Osmolarity 344 mOsmol/L (Calc) 2.5% Dextrose: Osmolarity 395 mOsmol/L (Calc) 4.25% Dextrose Osmolarity 483 mOsmol/L (Calc) 	1.5% Dextrose: Osmolarity 346 mOsmol/L (Calc) 2.5% Dextrose: Osmolarity 396 mOsmol/L (Calc) 4.25% Dextrose: Osmolarity 485 mOsmol/L (Calc)



	Imported Product (Guangzhou, China) DIANEAL Low Calcium	U.S. FDA-Approved Product DIANEAL Low Calcium	U.S. FDA-Approved Product DIANEAL PD-2
Storage Conditions	Dialysate will freeze in an environment below 0°C. Do not bend or shake the container when it is frozen. Allow it to thaw naturally and shake it thoroughly before use.	Store at room temperature (25°C / 77°F) Brief exposure up to 40°C does not adversely affect the product.	Store at room temperature (25°C / 77°F) Brief exposure up to 40°C does not adversely affect the product.
Expiration Dating	24 months	18 months	18 months
Container Closure System			<text></text>
Container Closure Differences	 One green frangible at the sterile solution bag, to be broken (after drain) to allow for 'flush before fill') therapy step Pull ring cap color-coded to solution dextrose concentration: Yellow = 1.5% dextrose Green = 2.5% dextrose Orange = 4.25% dextrose 	 Two frangibles – one blue in "Y"-junction and one green at the sterile solution bag Pull ring cap color-coded to solution dextrose concentration: Yellow = 1.5% dextrose Green = 2.5% dextrose Red = 4.25% dextrose 	 Two frangibles – one blue in "Y"-junction and one green at the sterile solution bag Pull ring cap color-coded to solution dextrose concentration: Yellow = 1.5% dextrose Green = 2.5% dextrose Red = 4.25% dextrose
Label Language	Container label is in Chinese. Product identification characteristics are visual in English (Volume, production and expiry date, dextrose concentration, calcium concentration)	English	English

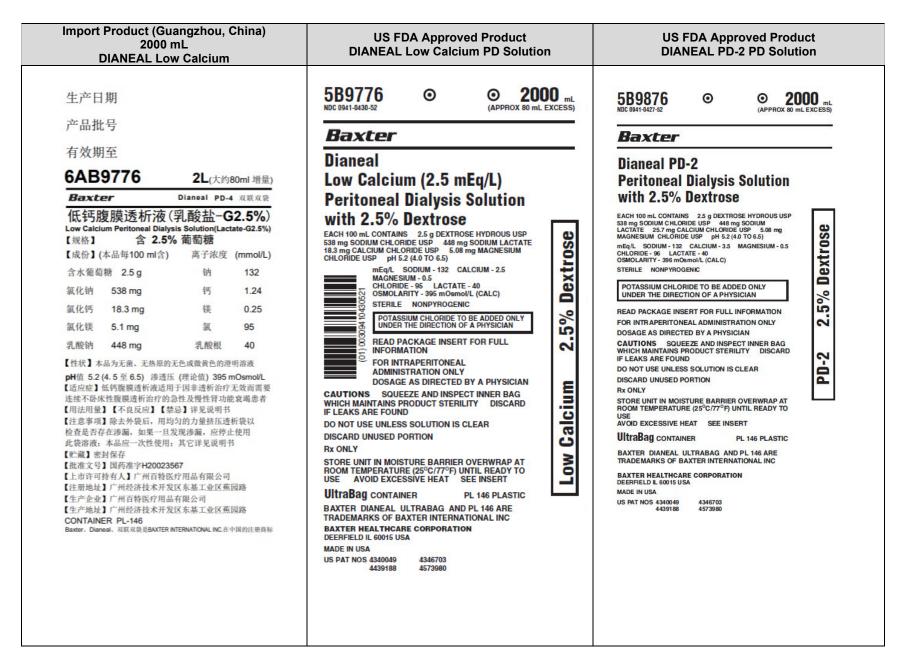


Table 2. Comparison of DIANEAL PD Solution Container Labels for CAPD

Comparative container labels are presented below for the 2000 mL fill volume that is proposed for import. Labels for the US approved 1500 mL, 2500 mL, and 3000 mL solution fill volume differ only by product code / NDC / Fill Volume / Barcode. There are no differences in composition or other safety-related information.

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Import Product (Guangzhou, China) 2000 mL DIANEAL Low Calcium	US FDA Approved Product DIANEAL Low Calcium PD Solution	US FDA Approved Product DIANEAL PD-2 PD Solution
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