

# Risk-based Facility Assessment for Pre- Approval Inspection Determination

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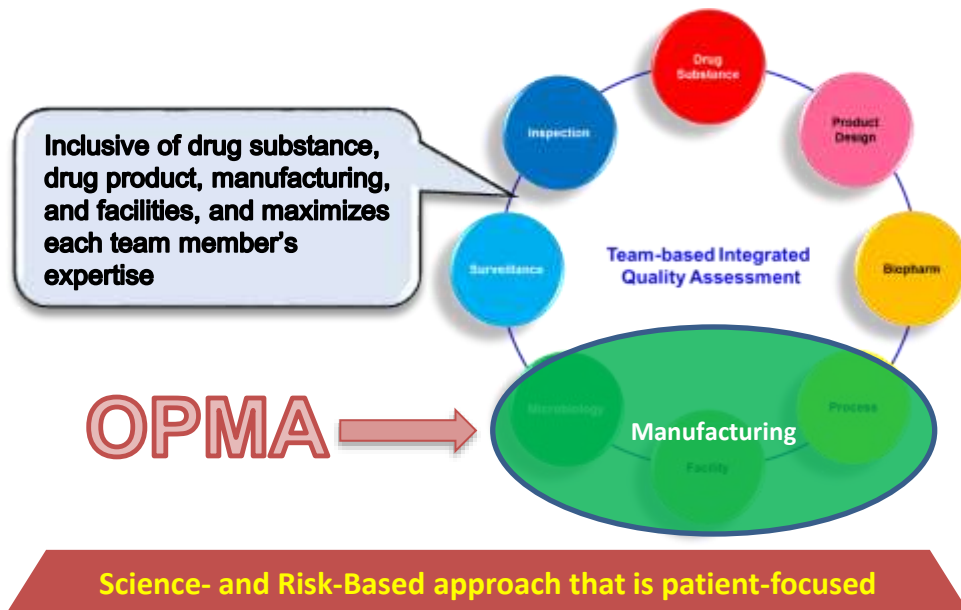


# Learning Objectives



- Learn how OPMA conducts risk-based integrated manufacturing assessment as a part of OPQ's quality assessment of applications
- Learn how OPMA utilizes FARs and BPDRs to support the risk-based determinations for pre-approval and pre-license inspections as a part of the integrated manufacturing assessment

# Team-based Integrated Quality Assessment (IQA)

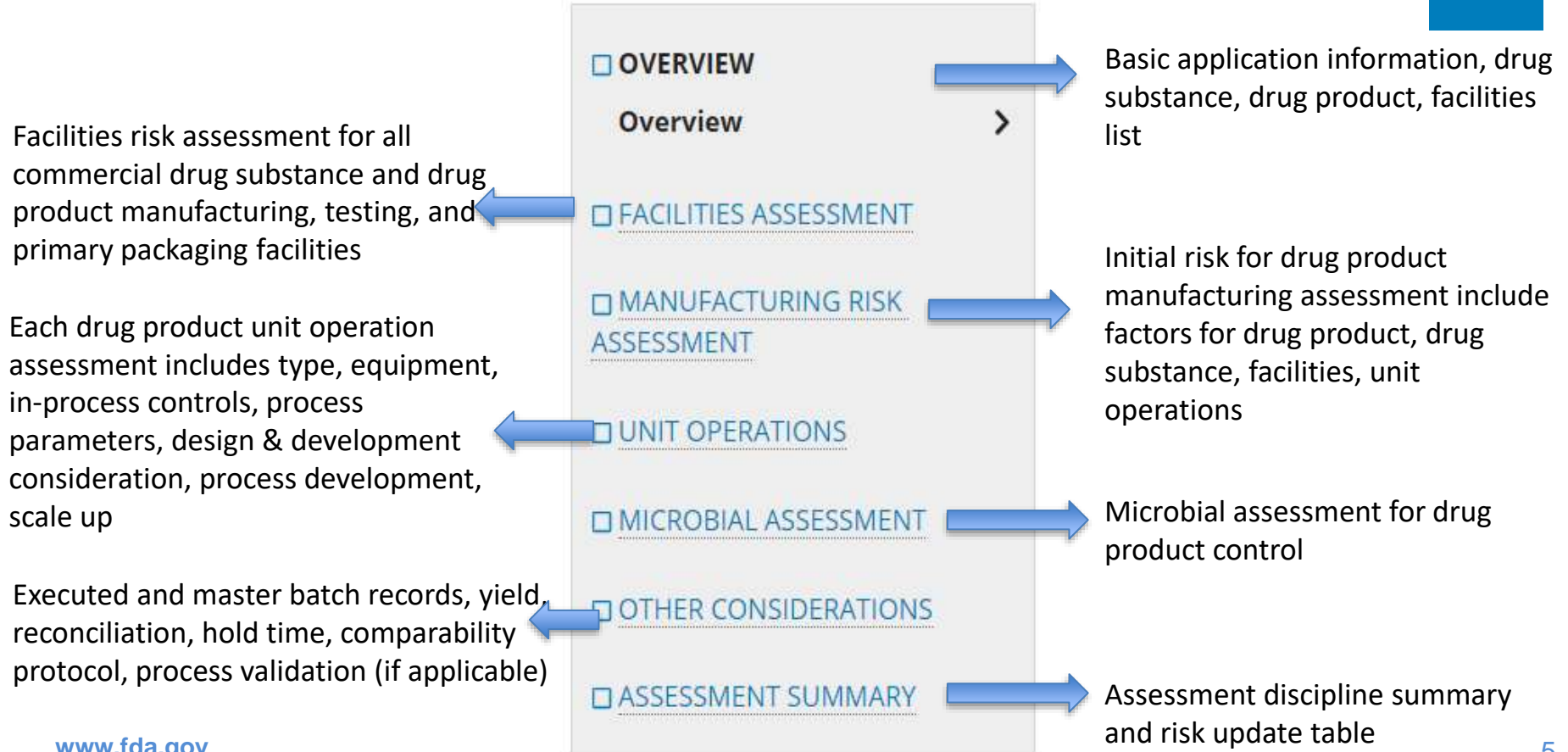


- Pre-marketing applications:
  - NDA
  - ANDA
  - BLA
- Post-marketing applications – (A)NDA, BLA supplements

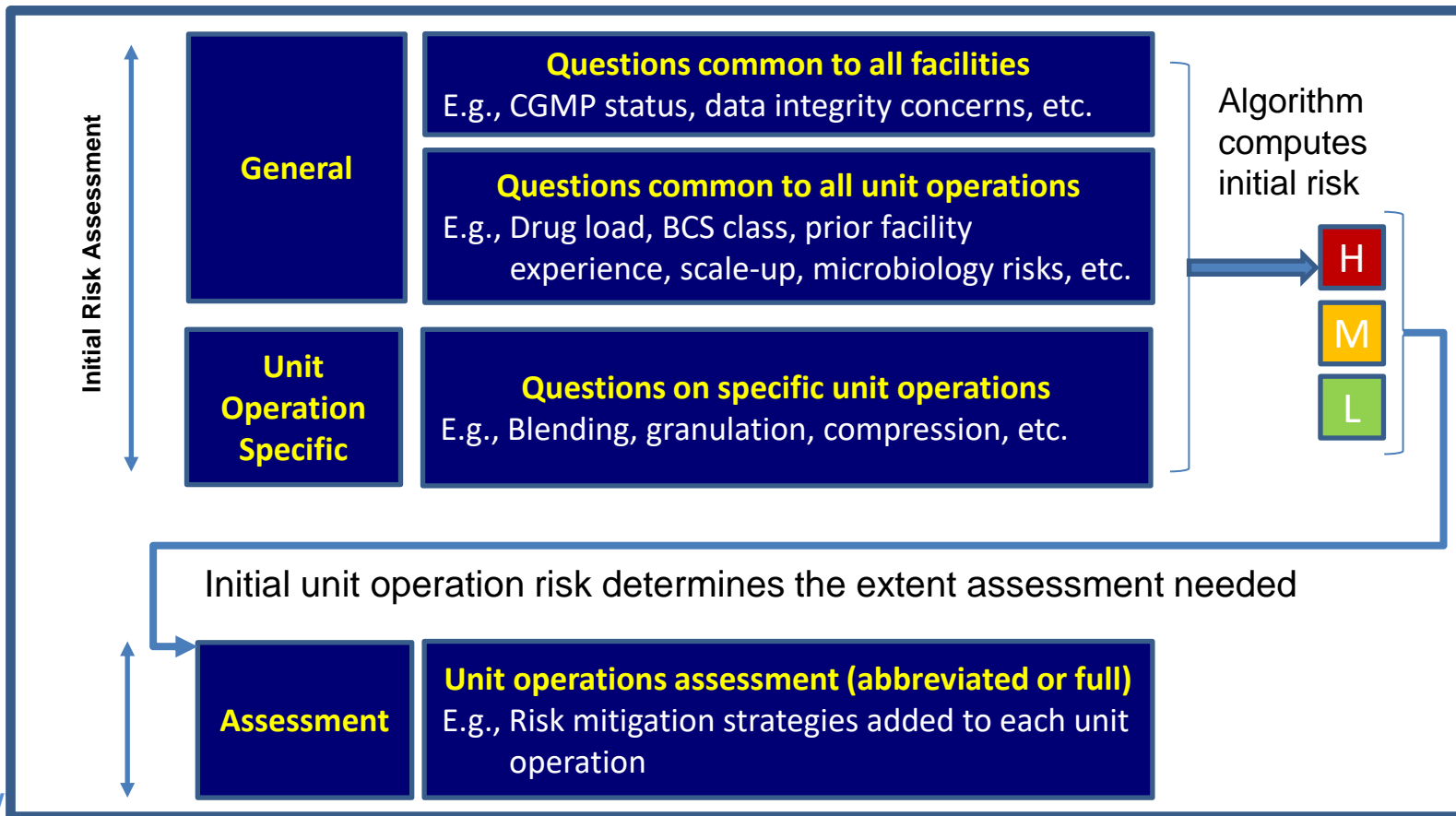
# OPMA's Role within the IQA Team

- Conducts scientific review and quality evaluation of the manufacturing process, microbiology and facilities for INDs, NDAs, ANDAs, BLAs, and supplements.
- Assessment focuses on manufacturing process, sterility assurance, and facilities.
- Determines need for pre/post-approval inspection or remote regulatory assessment to ensure that manufacturing is adequate to deliver quality products for the patient.

# Integrated Manufacturing Assessment

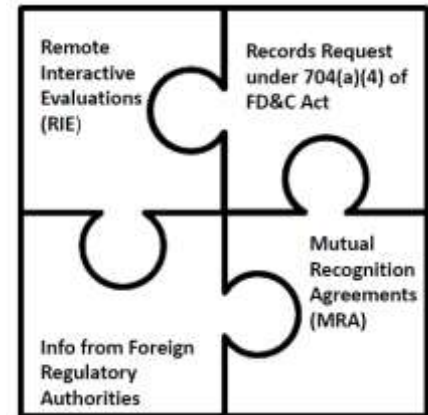


# KASA Manufacturing Risk Assessment & Control



# Facility Risk Assessment Considerations

- OPMA considers the following high-level areas as a part of the pre-approval and pre-license decisions:
  - Product attributes and associated manufacturing risks, including scale-up
  - Manufacturing complexity pertaining to difficulty to execute or monitor state of control
  - Susceptibility of manufacturing process to contamination
  - Reported deviations and their resolutions
  - Quality surveillance intelligence



# Use of Quality Surveillance Intelligence



- Current facility CGMP compliance status
- Prior inspection coverage and outcomes
- Other quality signals
  - Field Alert Reports
  - Biological Product Deviation Reports
  - Recall events
  - Confidential Informants



# FAR/BPDR Considerations for Integrated Manufacturing Assessment



- Product quality defect signals, like FARs and BPDRs, can both generate and mitigate risks in the integrated manufacturing assessment
- Generating Risks:
  - Inadequacies in FARs/BPDRs with respect to timeliness and completeness
  - Trends and frequency of FARs/BPDRs in specific systems
  - FARs/BPDRs associated with similar products or processes
- Mitigating Risks:
  - Timely FAR/BPDR submission
  - Adequate/appropriate investigation, root cause determination, and CAPA implementation to prevent recurrence
  - Inclusion of continual improvement in CAPAs

# FAR/BPDR Case Study



- Consumer complaints associated with potential packaging issues led to FARs
- CDER initially concerned about timeliness of FARs raising risks
- Initial FAR investigation could not duplicate the complaints
- Further analysis identified CAPAs and continual improvements to create a more robust packaging and visual inspection system
- While frequency of FARs remained consistent, the thoroughness of the investigations and continual improvements provided confidence in the facility's PQS.
- Pre-approval inspection was not requested for product packaged in the same configuration and same line.

## Challenge Question



Which of the following statements is **NOT** true?

- A. If I submit FARs and BPDRs, my facility may be subject to more frequent pre-approval or pre-license inspections.
- B. Taking actions to minimize trends in FARs and BPDRs through continual improvement may not lead to pre-approval or pre-license inspections.
- C. Submitting FARs and BPDRs late may increase the likelihood of pre-approval or pre-license inspections.

# Summary



- FARs and BPDRs are an important source of surveillance intelligence to provide insight into the effectiveness of the pharmaceutical quality system to aid OPMA's risk-based integrated manufacturing assessment
- As shown in the case study, thorough, timely, and complete investigations and CAPAs can mitigate the need for pre-approval or pre-license inspections