Because You Can't See Sterile™
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Speaker: Leann Keefer, RDH, MSM leannk@crosstex.com
CANTEL Crosstex: Director, Corporate Education & Professional Relations

Description: The ultimate goal of instrument processing is to provide sterile patient care items. The course will review the basic premise of instrument management through the entire handling, cleaning, sterilization, monitoring and storage cycle.
Learning Objectives: After attending this session, the participant will be able to:

- Discuss the purpose of developing a sterility assurance program and review the guidelines for compliance
- List and describe the six levels of instrument processing and management
- Discuss the various methods of sterilization and identify the benefits and challenges
- Identify the application of various sterilization process parameters including mechanical, chemical, and biological monitors
- Discuss the differences in biological indicator designs and performance

Course Outline:

❖ **Spaulding Risk Classification**

❖ **Sterility Assurance**

- ➢ Steps of Instrument Processing
- ➢ PPE

❖ **Transport**

❖ **Work Flow**

❖ **Methods of Cleaning**

- ➢ Manual
- ➢ Ultrasonic
  - ▪ Degassing
  - ▪ Foil Test
- ➢ Washer Disinfector
- ➢ Rinsing
- ➢ Inspection

❖ **Packaging**

- ➢ Materials
- ➢ Medical Device
- ➢ Peel Pouches

- Closure
- Wet Packs
- Storage & delivery
- ERS

❖ **Sterilization**

➢ Levels

➢ Methods

- "Ideal"
- Steam
- Chemical Vapor
- Dry heat

➢ HLD – Chemical immersion

➢ Sterilizer Maintenance

❖ **Monitoring**

➢ Physical

➢ Chemical

- Classification Types 1-6
- Selection
- Interpretation

➢ Biological

- Spores
- Methods & comparison
  - Mail-in
  - In-office
- Placement
- Results and interpretation
- Gram Staining
- Frequency

➢ Sterilization Failures

- CDC Guidelines and protocol
- Investigating sterilizer failure
  - Human Error
  - Equipment Failure
- Retesting protocol
  - Single failure
  - Consecutive failure
  - Instrument recall & reprocess
- Documentation

NOTES:

Action Items: