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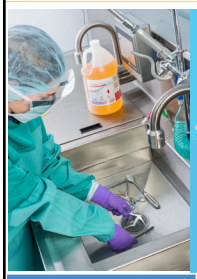

A Quick Welcome to the Sterile Processing Department

1H

One Integrated Approach to Healthcare.

STERIS

Continuing Education Contact Hours

- STERIS Corporation is an approved provider of continuing nursing education by the California Board of Registered Nursing (CBRN) – provider # CEP 11681, and an approved Administrator Education Unit (AEU) provider by the Board of Ambulatory Surgery Certification (BASC) – provider # 1417.
- This program is approved by CBRN, Certified Board for Sterile Processing and Distribution (CBSPD), International Association of Healthcare Center Service Materiel Management (IAHCSMM) for:
  - **1** contact hour(s) of continuing education credit.
- Participants must be present for the entire presentation/seminar to achieve successful completion and receive continuing education credit; partial credit will not be given.

Disclaimers

- STERIS Corporation is providing the speakers and continuing education credits for this activity. Presenters are employees of STERIS Corporation and receive no direct compensation other than their normal salaries for participation in this activity.
- Commercial products referred to or seen during this presentation do not constitute a commercial support by the speakers.

Learning Objectives

Upon completion of this presentation, you will be able to:

- Describe the various activities performed by healthcare professionals working in sterile processing departments.
- Identify specific activities necessary for the development of policies and procedures.

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Importance of Sterile Processing

- Central hub of healthcare facility
- Efforts effect virtually every patient in facility

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Sterile Processing Personnel Challenges

- Low priority and misunderstood
- Time demands
- Intimidation
- No formal sterile processing education

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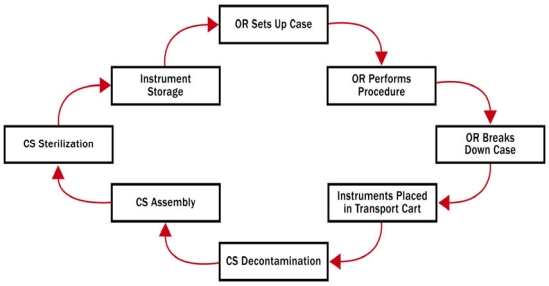
Understand the Flow



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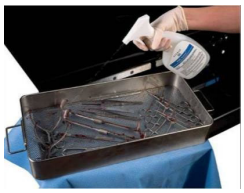
Point of Use

- OR, L&D and Clinics
- At the point of use:
  - Separate disposable from reusable, including sharps
  - Keep instruments moist
  - Pretreat per ST79
  - Prepare for transport



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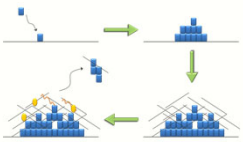
Decontamination Delay

Delays in transport:

- Dried debris difficult to clean
- Development of biofilm
- Damage to passivation layer of surgical instruments



Biofilm Development

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Physical Environment

Traffic Patterns

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Lighting

11

Ventilation

12

Smooth Surfaces

- Floors, walls, ceilings
- Work surfaces
- Compatible with cleaning chemicals

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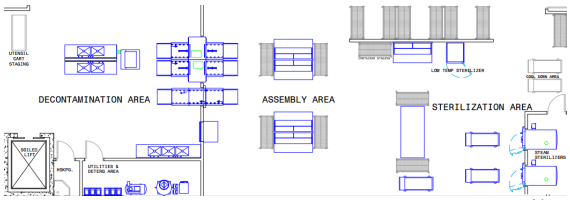
Work Flow

"The decontamination area should be physically separated from all other areas of processing department…"

— AAMI ST79



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Employee Safety

- PPE
- Hand Hygiene
- Emergency Eyewash Equipment

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Environmental Service

- Daily cleaning/disinfection of floors and horizontal surfaces
- Sequence cleaning from clean → dirty
- Keep separate cleaning supplies

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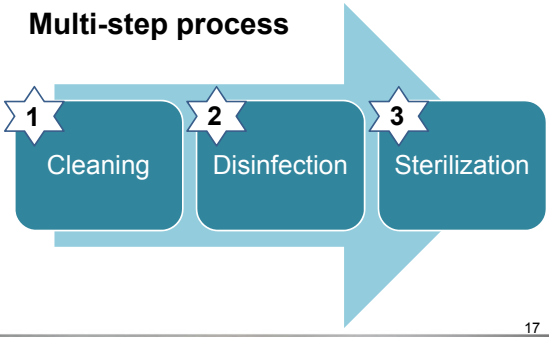
Decontamination

Multi-step process



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Microbicidal Processes

- Designed to provide a particular level of lethality (kill)
- Depending on the level of decontamination disinfection or sterilization may be used

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Manual vs. Automated Cleaning

Manual Cleaning

- **First:** soak
- **Second:** wash
- **Third:** rinse/treated water

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Assembly Area

Instrument Inspection

- Clean
- Working order

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Packaging

- Peel pouches
- Sterilization wrap
- Rigid sterilization containers

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Loading the Sterilizer Cart

- Do not overload
- Basins positioned for drainage
- Packages should never contact sterilizer chamber walls

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Sterilization

- Testing requirements
- Monitoring practices
- Record keeping practices
- Failure investigation
- Extended cycles

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Equipment Monitoring

- Routine maintenance
- Preventative/breakdown maintenance
- Maintenance records

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Routine Monitoring

- Bowie-Dick air removal test
  - Prevacuum cycles
- Biological testing
- Other testing
  - Following installation, relocation or major repairs

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Chemical Indicators

- Six types
- Three categories
  - Exposure
  - Special applications
  - Internal
- FDA recognizes only Types 1, 2 and 6
- Each Type has different performance specifications

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Process Control

Lot control label

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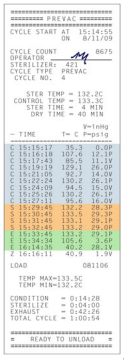
Load Release (Non-Implant Loads)

At the end of the cycle:

- Review cycle print out tape
- Review external chemical indicator



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Post Sterilization

- Place loading carts
  - Low traffic areas
- Handle when completely cool
- Inspect package integrity

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Handling and Distribution

Transport sterile/clean in controlled environments

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Product Recalls

- In the event of a recall:
  - Recall all items from affected loads
  - Reprocess all items
- Clear, written policies and procedures

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Action Plan

- Survey sterile processing departments routinely
  - Standards compliance
  - Industry recommended practice compliance
- Approach systematically
- Collaboration between departments

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Evaluation and Registration

- Thank you for attending this CE activity
- Please complete and submit the evaluation form

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To help you achieve your career vision for tomorrow.

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Revision History

Date	Revisions	Revised By:	Notes
2/12/2018	• Speaker notes updated to reflect changes in ST79:2017: s7, and 10. • Slide 12 "Controlled Environment" deleted. • Slide 11: Speaker notes updated to reflect ST79:2017 recommendation for HVAC operating parameters. • ST79 Reference updated to 2017 edition, Slide 32.	S. Beauclair	
06/07/18	Updated the CE slide and added Disclaimer slide	S. Beuaclair	