

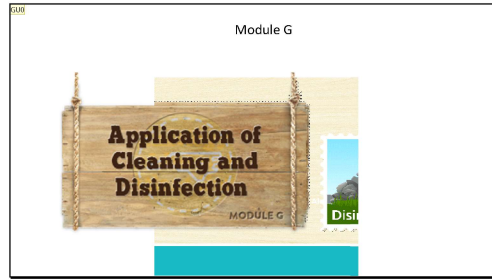


# Infection Prevention Training for Outpatient Healthcare Settings

## Module G- Application of Cleaning and Disinfection HANDOUT

Rev 2023

Slide 1



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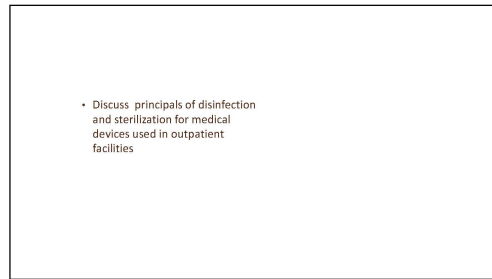
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Slide 2



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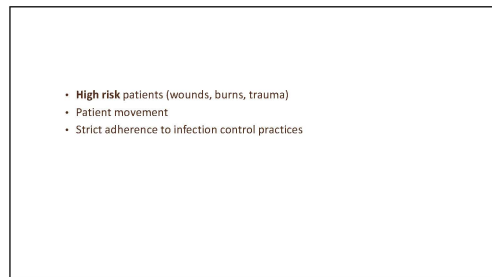
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Slide 3



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Slide 4

G Application of Disinfection and Sterilization

### Physical Therapy

- Should be free of open lesions or wounds
- For non-intact skin disinfect with intermediate-level disinfectants after each use



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Slide 5

G Application of Disinfection and Sterilization

### Gym/Activities Room

- Splinting tanks emptied and cleaned weekly
- The hot pack hydrocollator emptied, cleaned every 2 weeks. Assure water temp >160°F
- ColPac is cleaned biannually, temperature monitored daily (10-21° F)



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Slide 6

G Application of Disinfection and Sterilization

### Gym/Activities Room

- Frequently used items (hand weights, parallel bars, stair rails, and canes) cleaned after each use, and weekly
- Wheelchairs, cuff weights, and mats wiped down with an EPA-registered disinfectant weekly or when visibly soiled
- Patients using PT or rehab areas with shared equipment should perform hand hygiene upon entry and exit



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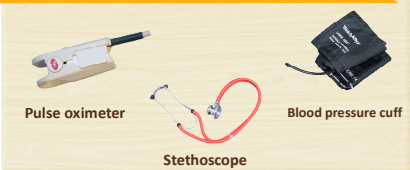
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Slide 7

**G** Application of Disinfection and Sterilization

### Portable Equipment



Pulse oximeter      Stethoscope      Blood pressure cuff

*Clean after patient use*

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Slide 8

**G** Application of Disinfection and Sterilization

### Disinfection of Computer Keyboards

- Keyboards can be effectively disinfected using most EPA registered disinfectants (for example):
  - Quaternary ammonium compounds
  - 70% isopropyl alcohol
  - Phenolic
- Current recommendations are to disinfect keyboards daily and when visibly soiled



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Slide 9

**G** Application of Disinfection and Sterilization

### Cleaning Toys

**Toys should be:**

- Washable, Non-porous and durable
- Inspected for damage
- Cleaned with:
  - Soap and water
  - Rinsed with tap water and dried OR
- Wiped with either an:
  - EPA-registered disinfectant
  - 70% alcohol
  - Dilute bleach
  - Rinsed prior to use



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Slide 10


G

Application of Disinfection and Sterilization

Pharmacy

Perform hand hygiene:

- Upon arrival at work
- After eating, drinking or handling food
- After using the toilet
- Prior to preparing IV medications
- When repackaging and handling medications
- When returning from outside pharmacy area



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Slide 11

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Application of Disinfection and Sterilization

Pharmacy



- Avoid direct hand contact with medications
- Use counting trays, spatulas or other counting devices
- Clean counting trays at the start of each shift and when visible soiled

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Slide 12


2023

G

Application of Disinfection and Sterilization

Medication Preparation and Storage

- Must be a clean, dedicated area
  - > 3 feet from sink
  - Free of clutter
  - Cleaned after each shift and with any medication spills
- No food, drink or specimens stored in refrigerators/freezers with pharmaceuticals
- Medication refrigerators/freezers should be continuously monitored to ensure temperature within proper range



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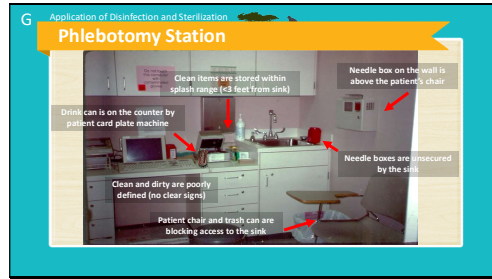
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Slide 13




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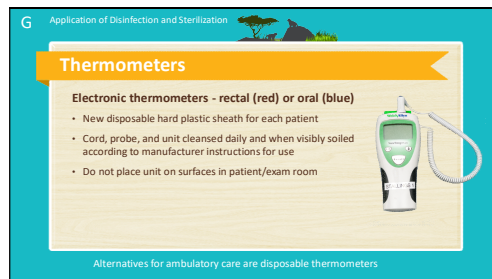
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Slide 14




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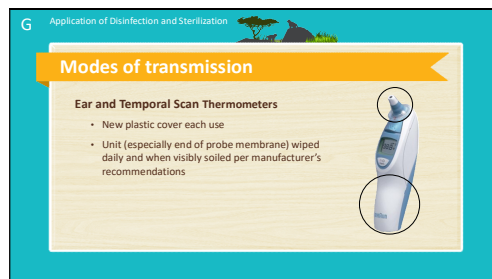
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Slide 16

G

Application of Disinfection and Sterilization

Ear, Nose and Throat (ENT) Equipment

Reusable ear specula and cures


- Washed with detergent and water and autoclave.

Reusable nasal specula

- Clean and autoclave after each patient use

Non disposable tips on audioscopes/typanometers

- Cleaned/disinfected per manufacturer instructions for use (IFUs)



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Slide 17

G

Application of Disinfection and Sterilization


Eye Equipment and Drops

Slit lamps

- Head rests, chin rests, and handles disinfected per manufacturer instructions between patient uses

Eye Drops

- Read label (single vs multi patient use)
  - If multi-patient, take steps to prevent contamination



Cannot be used on multiple patients

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Slide 18

G

Application of Disinfection and Sterilization

ECG Cables and Leads



- Cables and leads wiped with EPA-registered disinfectant after each use
- Clean machine at least weekly and when visibly soiled

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Slide 19

G Application of Disinfection and Sterilization

### Vaginal Specula

- Should be cleaned with detergent and water
- Steam Sterilization or high-level disinfection
- Each specula should be packaged appropriately prior to sterilization
- Stored in a manner that prevents contamination



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Slide 20

G Application of Disinfection and Sterilization

### Diaphragm Fitting Rings



- Clean with enzymatic or non-enzymatic detergent and rinse
- Immersed in high-level disinfectant or steam sterilization
- Follow manufacturer's recommendations

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Slide 21

G Application of Disinfection and Sterilization

### Cryosurgical Probes

- Cleaned with soap and water or enzymatic cleaner
- Immersed in high-level disinfectant
  - Wrapped in high-level disinfectant soaked cloths
- Follow manufacturer's instructions



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Slide 22

G Application of Disinfection and Sterilization

### Vaginal Ultrasound Probes



- Remove condom sheath
- Pre-clean probe
- High level disinfect
- Rinse and/or dry
- Follow manufacturer's directions for process, time, temperature, rinsing and storage

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Slide 23

G Application of Disinfection and Sterilization

### Prostate Biopsy Probe

Fully disposable prostate biopsy equipment is preferred.

If reusable do the following:



- Remove the needle guide
- Clean probe and guide
- Flush all lumens with enzymatic or instrument detergent
- Rinse and dry
- High level disinfect
- Ensure all internal channels and lumens are exposed to disinfectant
- Rinse with sterile water OR tap water followed by alcohol rinse

**PROBE MUST BE DRY PRIOR TO STORAGE**

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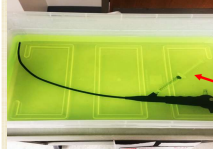
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Slide 24

G Application of Disinfection and Sterilization

### Channeled Endoscopes



- Completely immerse
- Perfuse HLD through lumen with syringe

*Connect a syringe to the port and flush until no air exits*

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Slide 25

G Application of Disinfection and Sterilization

### Infrared Coagulation Unit



- Wipe to remove visible soil
- Clean and/or disinfect per manufacturer instructions for use (IFUs)

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Slide 26

G Application of Disinfection and Sterilization

### Knowledge Check

**True or False?**  
Correct disinfection practice, in the outpatient setting, includes all of the following:

- Shared patient care equipment should be cleaned after each use
- Medications should be prepared in a clean, dedicated area that is free from clutter
- Manufacturer's instructions should be followed for cleaning and disinfecting patient care equipment
- Single dose vials can be reused if they are not contaminated.

**True** 

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Slide 27

G Application of Disinfection and Sterilization



Questions?

Congratulations on completing the modules!

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