

Component IV: Systems

## Module A: Operations

## Topic 3: Equipment Sterilization and Disinfection (e.g., autoclaves, scopes, ear picks)

**I. Statement of Purpose**

Explain the principles of equipment sterilization and disinfection

**II. Terminology**

1. Disinfection
2. Cold sterilization
3. Hot sterilization

**III. Performance Standards**

1. Distinguish guidelines for cleaning common office equipment

Content Outline Theory Objectives	Suggested Learning Activities/Evaluation
<b>Objective 1</b> <b>Distinguish guidelines for cleaning common office equipment</b> <ol style="list-style-type: none"> <li>A. Equipment management               <ol style="list-style-type: none"> <li>1. Disinfectant                   <ol style="list-style-type: none"> <li>a. Types of disinfectants</li> <li>b. Aseptic technique</li> </ol> </li> <li>2. Sterilization                   <ol style="list-style-type: none"> <li>a. Cold Sterilization</li> <li>b. Hot Sterilization</li> </ol> </li> </ol> </li> <li>B. Competency Guidelines - Maintaining Competency               <ol style="list-style-type: none"> <li>1. Low risk tasks (disinfection)                   <ol style="list-style-type: none"> <li>a. Low risk – low frequency</li> <li>b. Low risk – high frequency</li> </ol> </li> <li>2. High risk tasks (sterilization)                   <ol style="list-style-type: none"> <li>a. High risk – low frequency</li> <li>b. High risk – high frequency</li> </ol> </li> </ol> </li> <li>C. Use caution with cleaning medical equipment and employee exposure to cleaning chemicals.</li> <li>D. Develop procedures for human health and environmental protection, as well as Infection control and prevention efficacy.</li> <li>E. Develop a universal standard to test cleaning and disinfection efficacy in different workplaces.</li> <li>F. Examine cleaning in healthcare from a systems perspective to effectively address “three safeties”— patient, worker, and environmental safety.</li> </ol>	<p>Read AAACN Core Curriculum Chapter “Practice/Office Support”</p> <p>Identify common High Risk equipment in an Ambulatory Care Practice.</p> <p>Create competency checklists for a piece of equipment in an Ambulatory Care Practice.</p> <p>Create competency checklist for a complex piece of equipment to “train the trainer”</p>