

Module A: Operations                      Topic 3:  
Equipment Sterilization and Disinfection

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> 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> 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> C. Use caution with cleaning medical equipment and employee exposure to cleaning chemicals. D. Develop procedures for human health and environmental protection, as well as Infection control and prevention efficacy. E. Develop a universal standard to test cleaning and disinfection efficacy in different workplaces. F. Examine cleaning in healthcare from a systems perspective to effectively address “three safeties”— patient, worker, and environmental safety.	Read AAACN Core Curriculum Chapter “Practice/Office Support”  Identify common High Risk equipment in an Ambulatory Care Practice.  Create competency checklists for a piece of equipment in an Ambulatory Care Practice.  Create competency checklist for a complex piece of equipment to “train the trainer”