Veterinary Science
Preparatory Training for the Veterinary Assistant

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Disinfection

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Objectives

- Understand and utilize correct disinfection techniques for surgical suites and instruments
- Describe the process of preparing instruments for sterilization
Preventing Spread of Diseases

- Surgical suites
  - Bacteria and viruses shed from surgical patients contaminate the environment
    - Multi-drug resistant bacteria
      - Transmitted to other surgical patients
      - Antibiotics ineffective
  - Disinfection between patients is of paramount importance
Disinfecting Surgical Suites

- Walls, floors, and countertops
  - Organic matter
    - Inactivates disinfectants
    - Clean before disinfecting
  - Spot cleaning
    - Alcohol
  - Large area cleaning
    - Chlorine
    - Iodine
Disinfecting Instruments

- Soak in detergent-disinfectant solution
  - Less than 1 hour
  - Corrodes non-stainless steel instruments

- Hand scrubbing
  - Wear gloves
  - Scrub

- Ultrasonic cleaning
  - Heat-cleaning solution process

- Rinse, dry, polish

- Package for sterilization