

Infection control

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Lecture outline:

- Some Definitions
- Modes of Infectious Disease Transmission
- The common infections condition
- How controlling of infectious disease?
- Sterilization of instruments

Concepts of disease transmission

- Infection:
- Invasion:
- Virulence:

Modes of Infectious Disease Transmission

- Direct contact e.g. skin to skin
- Indirect contact e.g. body secretion
- Air born mechanisms e.g. inhalation of pathogens
- Vehicle borne mechanisms e.g. water
- Vectors e.g. insects

The common infection conditions

- Viral hepatitis: hepatitis B and C
- Herpes virus infection: herpes simplex virus
- Syphilis
- AIDS and TB

How controlling of infectious disease?

1- Personal barrier techniques:

- a. Hand washing
- b. Gloves
- c. Masks
- d. Eye wear
- e. Protective clothing

2- Immunization:

How controlling of infectious disease?

3- Medical history of patient:

4- Radiographic asepsis:

5-Use of disposable instrument for patient:

Sterilization of instruments

1-Cleaning:

2-Packing:

3-Sterilization:

4- Drying and cooling

