

STD's and Infectious Disease

5 Pathogens

Viruses

- **Bacteria**
- Fungi
- Protozoa
- Metazoa

- _____
 - Large # of population in specific geographic region/area
- _____
 - Crosses national borders & infects world-wide

Chain of Infection

5 Stages of an Infection

- Incubation
- Prodromal
- Clinical
- Decline
- Recovery

Mechanical Defense

Cellular Defenses

Viruses versus Bacteria

Viruses cause:

Antibiotics cannot kill viruses

Bacteria cause:

Antibiotics do kill specific bacteria

Antibiotics

Sexually Transmitted Infections The Facts

- ***STI Complications:***
- Many STI's may not cause any symptoms.

HIV & AIDS

- Most HIV positive people asymptomatic

Treating HIV/AIDS

- ***Highly Active Anti-Retroviral Therapies (HAART)***

Other Prevalent STI's

- Chlamydia
- HPV
- Gonorrhea
- Herpes simplex

- Syphilis
- Yeast and protozoa infections (vagina)
- Cystitis/urethritis