

“Update on Sexually Transmitted Diseases (STDs)”  
Carolyn Ford, Pharm.D., Professor and Assistant Dean of Students, Wingate  
University School of Pharmacy, Wingate (Charlotte), North Carolina.

*“This is an interactive lecture that requires audience participation”*

### Lecture Outline

1. STDs: Syphilis, Gonorrhea, Chlamydia, Genital Herpes, Trichomonias
2. Overview of the STD epidemic
  - a. Statistics: incidence of occurrence
  - b. Factors that contribute to the epidemic
3. Pathophysiology of genital infections
  - a. Causative pathogens
  - b. Routes of transmission
    - i. Sexual routes
    - ii. Nonsexual routes
    - iii. Methods to reduce transmission
  - c. Incubation period
4. Clinical Presentation
  - a. Common symptoms
  - b. Comparison of symptom presentation in various STDs
  - c. Complications
5. Diagnosis
  - a. Common laboratory tests used to diagnose STDs
6. Syphilis
  - a. Different Stages
    - i. Time of onset
    - ii. Risk of transmission
7. Treatment Guidelines
  - a. Treatment of choice
  - b. Advantages and disadvantages of one regimen over another
  - c. Alternatives to treatment of choice
    - i. Drawbacks to alternatives
  - d. evaluation of the therapeutic outcome
8. Treatment choices for pregnant women
9. Vaccine Preventable STDs
  - a. New Vaccines