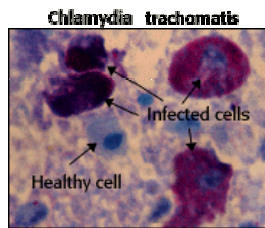


Sexually Transmitted Diseases

- BACTERIA-PID
- PARASITES
 - PROTOZOAN
 - ECTOPARASITES
- VIRUSES

Chlamydia trachomatis

- Most common in US, 75% unreported
- Symptoms rare-65% no symptoms
- Causes PID, infertility
- 3-4 million people/yr



- In women:
 - unusual vaginal discharge
 - burning when urinating
 - lower abdominal pain
 - bleeding between periods
 - low fever

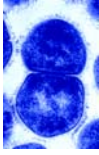


- In men:
 - discharge from the penis
 - burning when urinating
 - pain and swelling in the testicles



Neisseria gonorrhoea

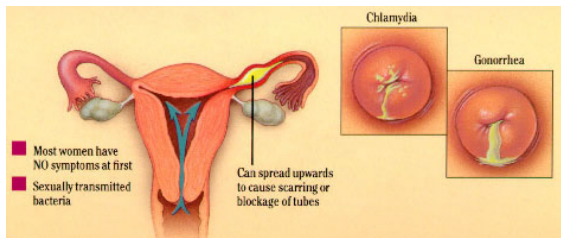
- **Second most common STD**
- **650,000 cases/yr**
- **neonatal ophthalmia**
- **Similar symptoms to chlamydia**



Gonorrhea



Pelvic Inflammatory Disease



Treponema pallidum: Syphilis

- 1400's
- Spirochete bacteria
- 4 stages
 - 1-chancere
 - 2-rash
 - 3-latent
 - 4-severe



Sexually Transmitted Parasites

Trichomonas vaginalis

◆ Pathology and symptoms:

- ◆ female: vaginal inflammation, creamy to yellowish frothy vaginal discharge, burning on urination, itching, irritation
- ◆ male: asymptomatic
 - ◆ prostatitis, urethritis, epididymitis with hematuria, incomplete bladder emptying, wbc and rbc in urine

◆ Treatment: metronidazole

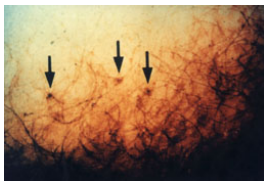
- ◆ tinadazole



Phthirus pubis

Pubic Lice

- itchy skin
- black powder (lice droppings) in underwear
- white eggs on the hair



- occasionally, visible lice and eggs
- spots of blood are sometimes seen as lice feed from blood vessels close to the surface of the skin

Viral STD's: Herpes

- 45 m infections in US
- lesions shed (cast off) viruses that can infect another person
- 1st symptoms w/in 2 to 10 days
 - Itching or burning
 - Pain in the legs, buttocks, or genital area
 - Discharge of fluid



Treatments: (NO CURE)
-Acyclovir (Zovirax)
-Famciclovir (Famvir)
-Valacyclovir (Valtrex)

Viral STD's: Papilloma (HPV)

- 100 types; 30 types are STIs
- 20 m people in the US; 6m new/yr
- 50% of active, 80% of women 50+
- Often no symptoms
- Skin-to-skin contact
- 2/3 will get warts
- Antiviral creams and Acid treatments
- Linked to cervical cancer



Viral STD's: HIV

- Human Immunodeficiency Virus
- AIDS-Acquired Immune Deficiency Syndrome
- blood, vaginal fluid, semen, and breast milk
- 800,000 to 900,000 people who are HIV-positive
- 300,000 people with AIDS
- signs of HIV disease like fevers, night sweats, diarrhea, or swollen lymph nodes

