

# Sexually Transmitted Infections

HIV/AIDS

# MYTHS OF STIs

## True or False

1. Most people with an STD experience painful symptoms.
2. Birth control pills prevent the spread of STDs.
3. Douching will cure and STD.
4. Abstinence is the best way to prevent STDs.
5. If you get an STD once, and are treated, you can't get it again.
6. A person does not need to see a doctor if she/he notices sores on his/her genitals once, but then they go away.
7. Condoms help prevent the spread of STDs

# How well do you know the 63 people you had sex with last night?



# STIs

- STIs are diseases and infections which are capable of being spread from person to person through:
  - sexual intercourse
  - oral-genital contact or in non-sexual ways.
  - IV drug

# Symptoms

What are the symptoms? How would I know if I have been infected?

- Sores (either painful or painless)
- Blood in urine
- Burning sensation when urinating
- Rashes
- Itching
- Bumps
- Warts
- Unusual discharge

# Chlamydia

- Four million new cases occur each year
- SYMPTOMS: fever, weight loss for no reason, swollen glands, fatigue, diarrhea, white spots on the mouth.

## FEMALE SYMPTOMS:

Vaginal discharge (white or grey) or burning with urination

Lower abdominal pain

Bleeding between menstrual periods.

Low-grade fever (later symptom)

## MALE SYMPTOMS:

Discharge from the penis and/or burning when urinating

Burning and itching around the opening of the penis

Pain and swelling in the testicles

Low –grade fever (associated with epididymitis – inflammation of the testicles)



# Gonorrhea

- Each year approximately 650,000 people in the United States are infected with gonorrhea
- People get gonorrhea from close sexual contact (anal sex, oral sex., and vaginal).
- Gonorrhea can also be spread from mother to child during birth.
- Gonorrhea infection can spread to other unlikely parts of the body



**Gonorrhea**





# Symptoms of Gonorrhoea

- Appear 5-7 days or can take up to 30 days to appear
- sore or red throat if you have gonorrhoea in the throat from oral sex
- rectal pain
- blood and pus in bowel movements if you have gonorrhoea in the rectum from anal sex.

- **FEMALE SYMPTOMS:**

- Symptoms may show up 2-21 days after having sex

- May notice a yellow or white discharge from the vagina

- May be a burning or pain when urinating

- Bleeding between periods

- Heavier and more painful periods

- Cramps or pain in the lower abdomen, sometimes with nausea or fever

- **MALE SYMPTOMS:**

- Yellow or white drip/discharge from penis

- Burning or pain when urinating

- Frequent urinating

- Swollen testicles

# Syphilis

- The long range effects can be very serious, including death.
- In the United States, an estimated 70,000 new cases of syphilis in adults
- passed from person to person through direct contact with a syphilis sore
- Sores mainly occur on the external genitalia, vagina, anus, or rectum. Sores can also occur on the lips and in the mouth.
- Transmission of the organism occurs during vaginal, anal, or oral sex.



# Symptoms – Stage 1

- Symptoms usually appear 10-90 days after contact.
- An infected person gets a sore (chancre), which may be painful at the point of contact (mouth, anus, rectum, throat or the sex organ).
- The chancre is usually firm, round, small, and painless. It appears at the spot where the bacterium entered the body.
- The chancre lasts 1-5 weeks and heals on its own.
- This will disappear on its own, but may last 4-6 weeks.
- In the female, the chancre is often internal and cannot be seen.



**Syphilis –  
1<sup>st</sup> Stage**

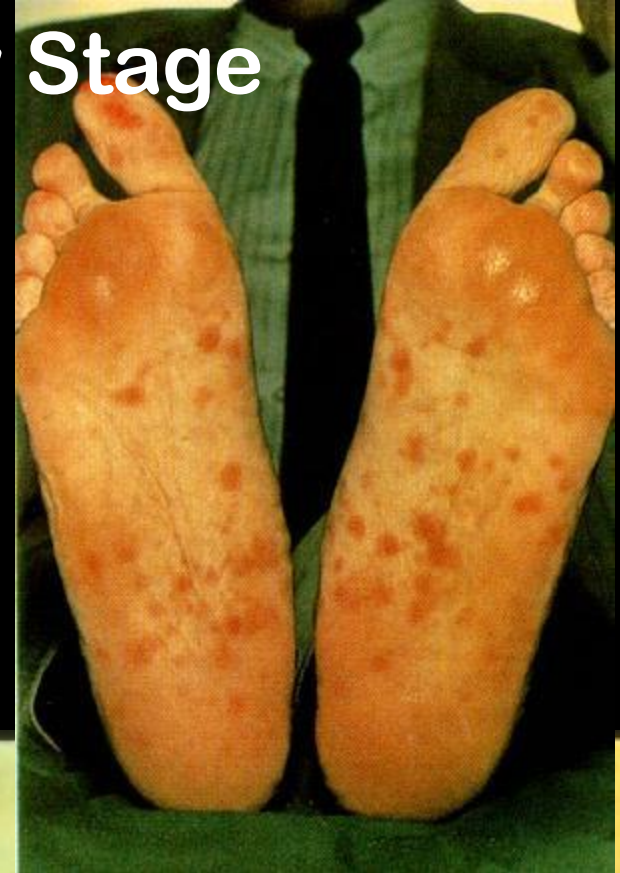




# Secondary Stage

- lasts 3-6 weeks.
- After the chancre comes a copper-colored skin rash which may appear on the palms of the hands, soles of the feet, or in more severe cases covers the entire body.
- The rash may be accompanied by fever, headaches, indigestion, loss of appetite, or loss of hair in spots over the scalp.

# Secondary Stage





## Third Stage – Latent Period

- All symptoms disappear so that the victim thinks he/she is cured.
- If not received treatment the bacterium remains in the body and begins to damage the internal organs including the brain, nerves, eyes, heart, blood vessels, liver, bones, and joints.

# Fourth Stage - Tertiary

- The results of the internal damage from the 3<sup>rd</sup> stage shows up many years later.
- Ten, twenty, even thirty years after the initial infection - sudden heart attack, failure of vision, loss of motor coordination or mental disturbances.

# Herpes

- Symptoms usually show 2-20 days after contact.
- May be extremely painful or very mild.
- “outbreaks” of blisters and ulcers.
- Once infected with HSV, people remain infected for life.
- Stress, bruising, chaffing, or a woman’s period may cause an onset of the disease.

## FEMALE SYMPTOMS:

Blisters in or around the vagina, fever and headaches.

## MALE SYMPTOMS:

Small sore or cluster of blisters on the penis.



# Herpes



# Genital Warts / Veniral Warts

- Growths that appear on the vagina or penis, near the anus, and sometimes in the throat.
- They are caused by viruses and spread through sexual contact.
- The virus that causes genital warts is spread by vaginal or anal intercourse and by oral sex.
- Warts may appear within several weeks after sex with a person who has HPV; or they may take months or years to appear; or they may never appear.
- A person can be infected and pass on the virus without knowing it.
- Approximately 5.5 million new cases of sexually transmitted HPV (one third of all new STDs) occur in the U.S. each year, with at least 20 million people currently infected.
- Three out of four Americans between the ages of 15 and 49 have been infected with genital HPV in their lifetimes.

# Symptoms

- Usually the warts look like tiny cauliflowers, but sometimes they are flat.
- The warts may cause itching, burning and some pain, but often don't cause any pain at all.
- Warts may be inside the vagina or on the cervix, or in the rectum or throat, so you might not notice them.
- They might also be so small that you cannot see them.



# Pubic Lice = Crabs

- Pubic lice are called “crabs” because they look like crabs.
- Crabs are frequently the color and size of small freckles. These very small lice (crabs) usually attack the sexual (pubic) areas of the body.
- Found under arms, eyelashes, moustaches.
- Spread through direct physical contact. Close body contact with an infected person.
- SYMPTOMS: A terrible, persisting itch in the genital, rectal (sexual) area.

# Crabs – under microscope





# Trichomoniasis

- An estimated 5 million new cases occur each year in women and men.
- Occurs in vagina of women so may be sexually transmitted to men using infected washcloths and towels.
- It is transmitted to the baby during delivery.
- It also can occur in the urethra (carries urine to penis) in men, doesn't have symptoms usually.

## SYMPTOMS:

Appear within 5 to 28 days of exposure  
Women usually have a vaginal discharge that

## FEMALE SYMPTOMS:

Itching and burning at the outside of the opening of the vagina and vulva.

Painful and frequent urination

Heavy, unpleasant smelling greenish, yellow discharge

## MALE SYMPTOMS:

Usually nothing, or discomfort in urethra, inflamed head of the penis.

# Candidiasis – Yeast Fungus

- Yeast fungus that may or may not be transmitted by sexual intercourse.
- Caused by high doses of antibiotics. It is usually caused by altering the Ph of the vagina.

## SYMPTOMS:

A thick cheesy vaginal discharge

Severe itching

# NGU

- An inflammation or infection of the urethra (the tube that carries the urine from the bladder)
- It is passed from person to person during intimate physical contact.

## FEMALE SYMPTOMS:

Pain

Itching or burning around the vagina

Any discharge may be a sign of NGU. (because the disease is internal, women sometimes do not show any obvious symptoms.)

## MALE SYMPTOMS:

Discharge from the penis (this may be thin and watery or thick and white)

Burning and itching around the opening of the penis

Sometimes the signs appear only in the morning, then go away and come back.

About 10% of men show no symptoms

# HIV

There are two main ways you get AIDS:  
Vaginal, oral, anal, etc. sex  
Sharing drug needles and syringes



# Prevention

- Abstinence
- Know your partner
- Limit your partners
- Visit your doctor
  - Always look
  - Keep clean!

# Remember:

- People who engage in premarital sex are nearly 50 percent more likely to divorce.
- 3 million teens contract an STI's each year – some of which have no cure, are a leading cause of cervical cancer or can even lead to infertility.