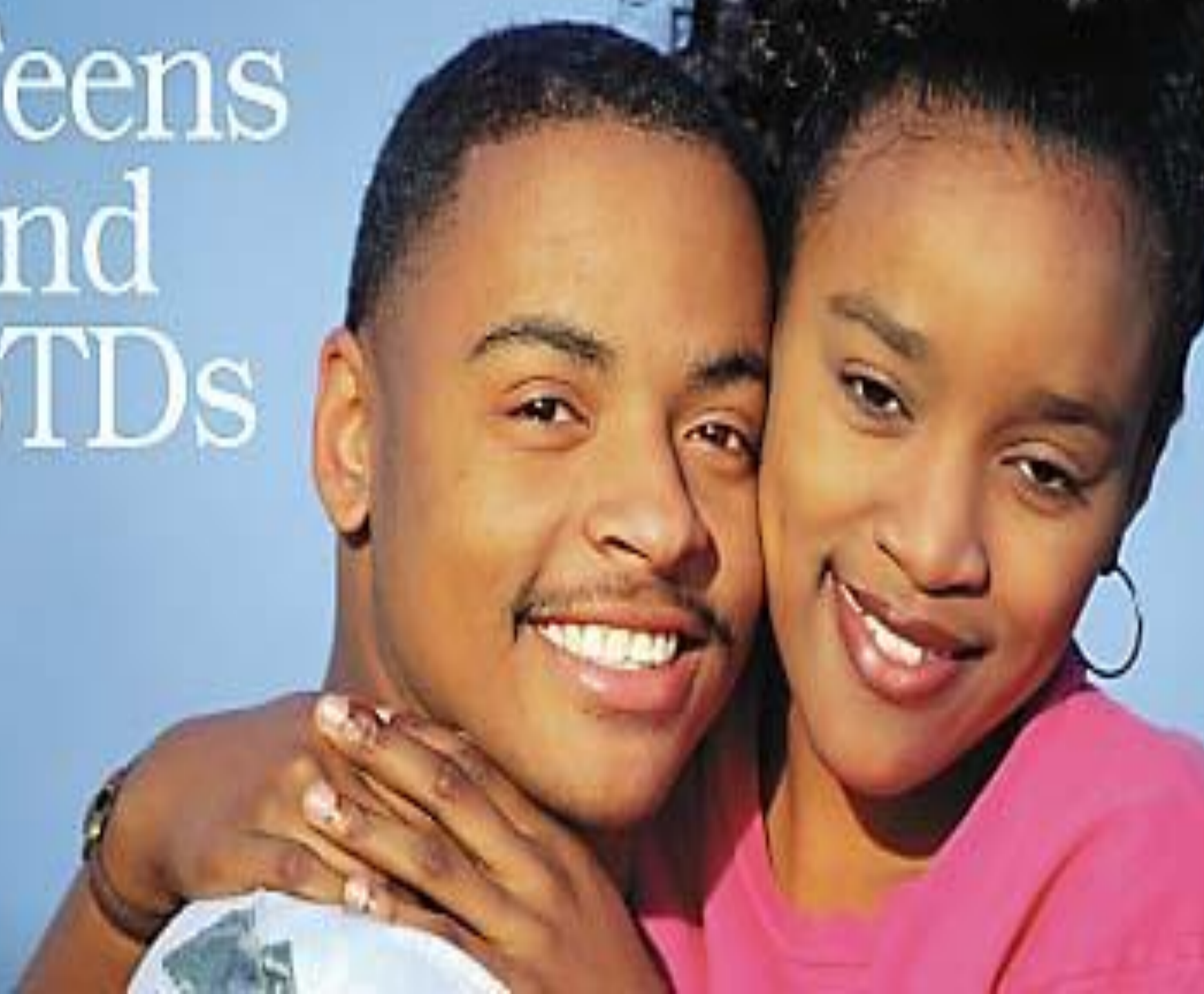


CHAPTER 20
RISKS OF ADOLESCENT
SEXUAL ACTIVITY

SECTION I

Teens and STDs



WHAT ARE THE RISKS?

- UNPLANNED PREGNANCY

- SEXUALLY TRANSMITTED

TEEN PREGNANCY

BETWEEN 800,00-900,000 TEENS ARE
PREGNANT EACH YEAR

1 IN 5 SEXUALLY ACTIVE FEMALE
TEENAGERS GETS PREGNANT EACH
YEAR

**College
Women
Carrying
STD's**

Trichomoniasis 4.8%

Chlamydia 2.8%

Gonorrhea 1.4%



Teen Pregnancy

continued

- Teen birth rate and pregnancy are among the highest in any industrialized nation and western world
- Many pregnant teens don't seek medical help and the babies are then more likely to be born premature and have other health related illnesses

TRANSMITTED DISEASES? SECTION HARD FACTS!!!!!!

- EACH YEAR ABOUT 15 MILLION AMERICANS ARE INFECTED WITH AN STD
- TEENS MAKE UP ONLY 8% OF THE U.S. POPULATION
- ABOUT 25% OF ALL NEW CASES OF STD'S OCCUR IN TEENS BETWEEN

STD'S: THE SILENT EPIDEMIC

- EPIDEMIC-THE OCCURRENCE OF MORE CASES OF A DISEASE THAN EXPECTED
- ASYMPTOMATIC-SHOWING NO SIGNS OF A DISEASE OR DISORDER EVEN THOUGH AN INFECTION OR DISEASE IS PRESENT

STD'S CAN CAUSE SERIOUS PROBLEMS

INFERTILITY-INABILITY TO HAVE
CHILDREN

SERIOUS ILLNESS OR EVEN
DEATH

STD'S + TEENS

- TEEN BEHAVIOR PUTS THEM AT A HIGHER RISK FOR CATCHING STD'S
- 1 IN 10 TEENS IS INFECTED WITH AN STD
- AMONG TEENS WHO ARE SEXUALLY ACTIVE, 1 IN 5 HAS AN STD
- TEENS BODIES MAY NOT FIGHT INFECTIONS AS WELL AS THE

HIGH RISK BEHAVIORS

- BEING SEXUALLY ACTIVE
- HAVING MORE THAN ONE PARTNER
- HAVING A SEXUAL PARTNER WHO HAS MULTIPLE PARTNERS
- USING DRUGS + ALCOHOL

FEMALE TEENS HAVE A GREATER RISK OF CATCHING STD'S THAN MALES, WHY???????

FEMALE TEENS HAVE LARGE AREAS OF MUCOUS MEMBRANES THAT CAN BE EXPOSED TO INFECTIOUS PARTICLES DURING SEXUAL INTERCOURSE

- MUCOUS MEMBRANES ARE THE MOIST, PINK TISSUES THAT LINE

- DURING INTERCOURSE FEMALES RECEIVE A LARGER VOLUME OF POTENTIALLY INFECTED BODY FLUID THAN MALES

- THE CELLS ON THE CERVIX OF

PREVENTING STD'S

- PRACTICE ABSTINENCE
- STAY AWAY FROM ALCOHOL + DRUGS
- RESPECT YOURSELF
- LEARN THE FACTS ABOUT STD'S + USE THOSE FACTS TO MAKE GOOD DECISIONS
- CHOOSE FRIENDS WHO INFLUENCE YOU IN A POSITIVE WAY
- GET PLENTY OF REST
- GO OUT AS A GROUP
- BE AWARE OF YOUR EMOTIONS

COMMON STD'S

SECTION 3

HOW STD'S ARE SPREAD

- *ANY SEXUAL ACTIVITY THAT BRINGS AN UNINFECTED PERSON IN CONTACT WITH BODY FLUIDS FROM AN INFECTED PERSON
- *ANY SEXUAL ACTIVITY THAT RESULTS IN CONTACT BETWEEN ONE PERSON'S GENITALS AND ANOTHER PERSON'S SKIN OR MUCOUS MEMBRANE

HOW ARE STD'S SPREAD

- **SOME STD'S ARE CAUSED BY BACTERIA OTHERS ARE CAUSED BY VIRUSES OR PARASITES**
- **MANY OF THE BACTERIA, VIRUSES, OR PARASITES THAT CAUSE STD'S CAN BE FOUND IN BODY FLUIDS.**

THE FLUIDS INCLUDE

SEMEN

VAGINAL SECRETIONS

BLOOD

BREAST MILK

Mistaken Ideas

- In most cases, the bacteria & viruses that cause std's cannot survive outside the body
- STD'S cannot be spread through kissing, sharing eating utensils, holding hands or using public toilets
- Not all STD's can be cured or treated

STD'S Can Cause Permanent Damage

- Painful sores that can recur throughout life
- Some can lead to brain damage or cancer
- Some may leave a person sterile/fertile
- Some can be FATAL

Babies & STD'S

- Some STD'S can cause a pregnant women to miscarriage
- Some STD'S in newborns may result in blindness
- The blindness is caused by bacteria that may infect the baby's eyes as it passes through the birth canal

STD'S Caused by Bacteria

- Chlamydia
- PID
- Gonorrhea
- Syphilis

Chlamydia

(often no symptoms)

Females

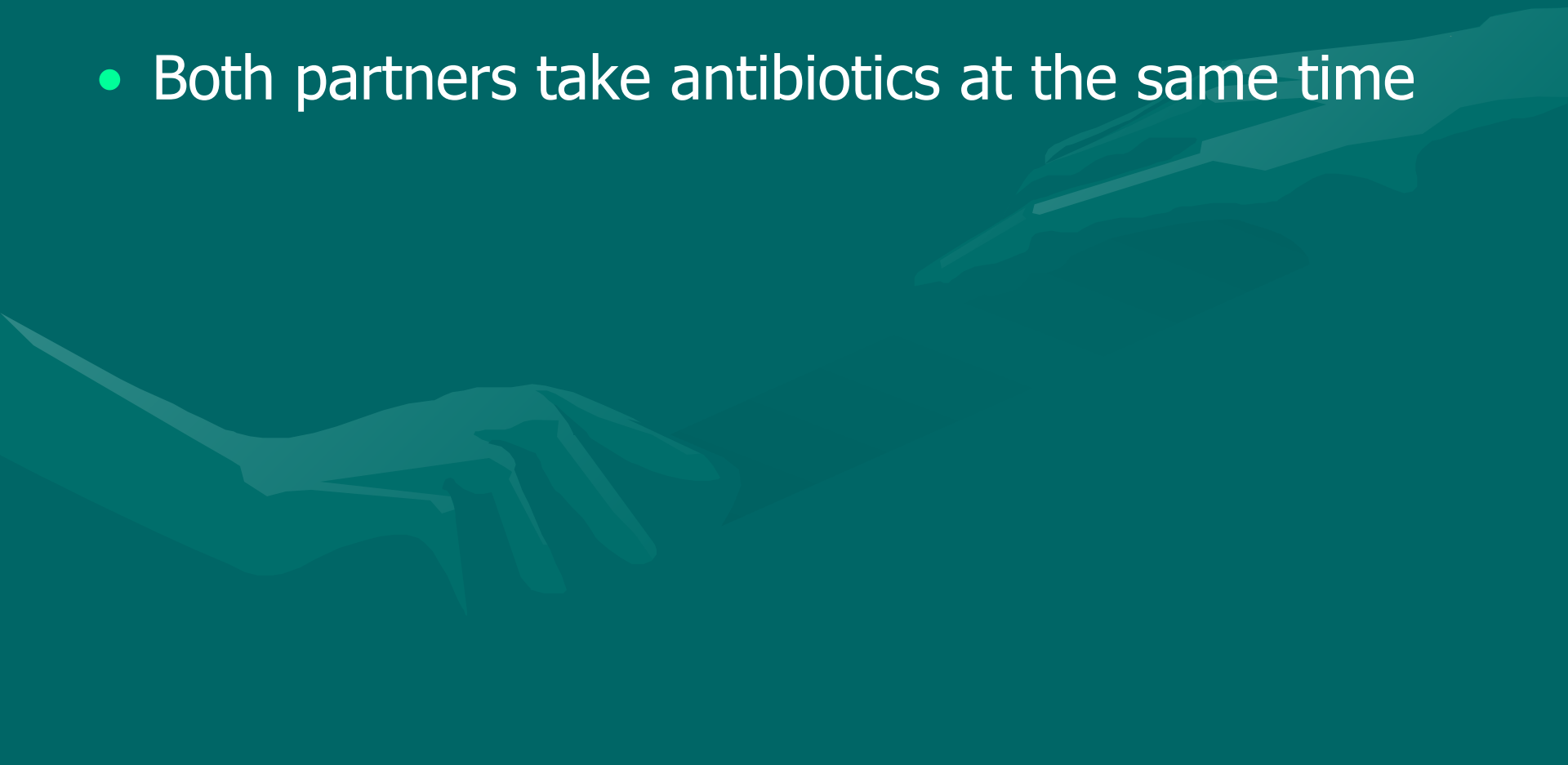
Painful urination
Vaginal discharge or bleeding
Pelvic pain

Males

Painful urination
Discharge from the penis

Treatment for Chlamydia

- Both partners take antibiotics at the same time



If Untreated

Females

Infertility

Pelvic pain

Ectopic pregnancy

PID

Males

Can injure reproductive organs

Swollen and tender testicles

Infants

Illness

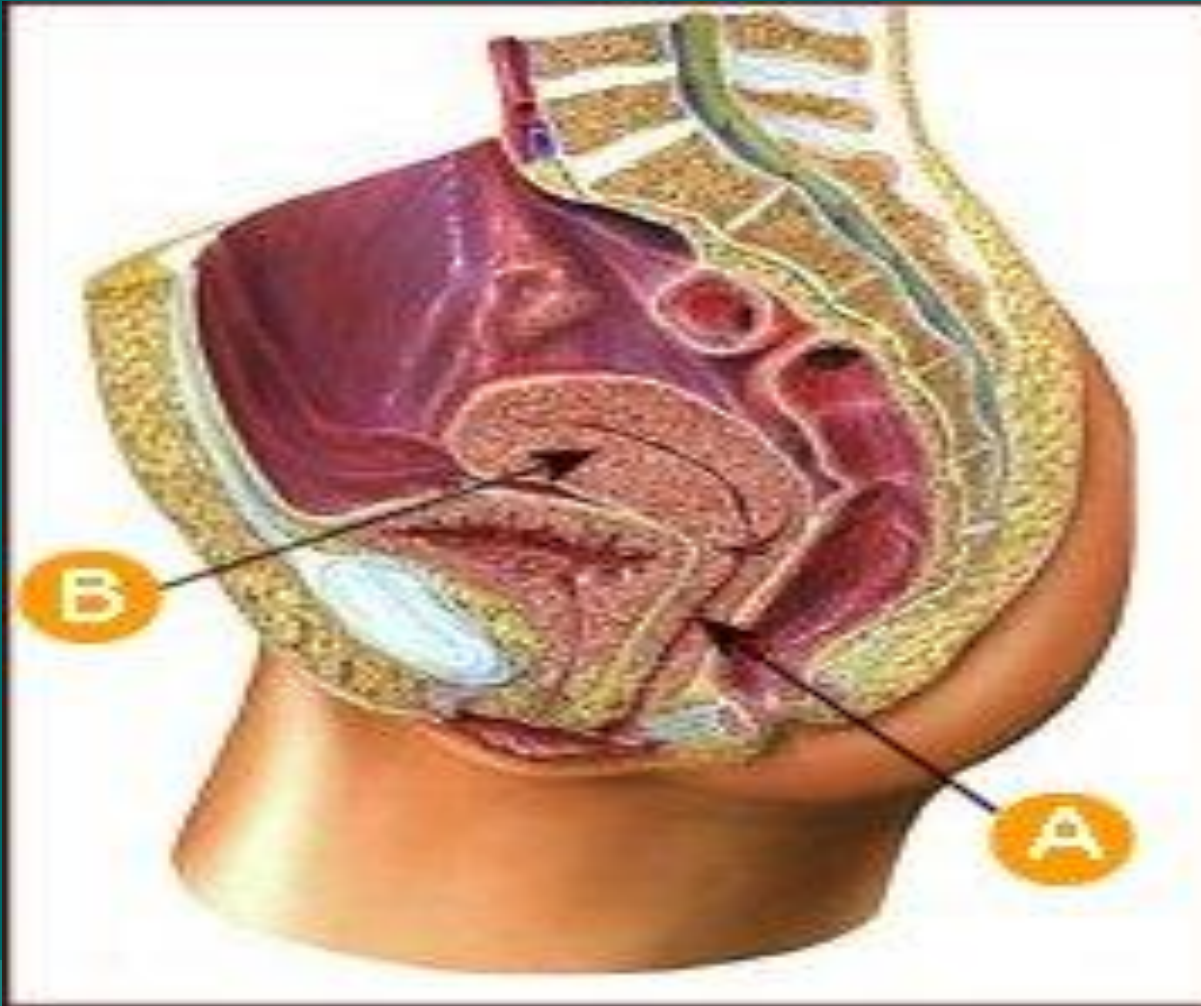
Blindness

PID

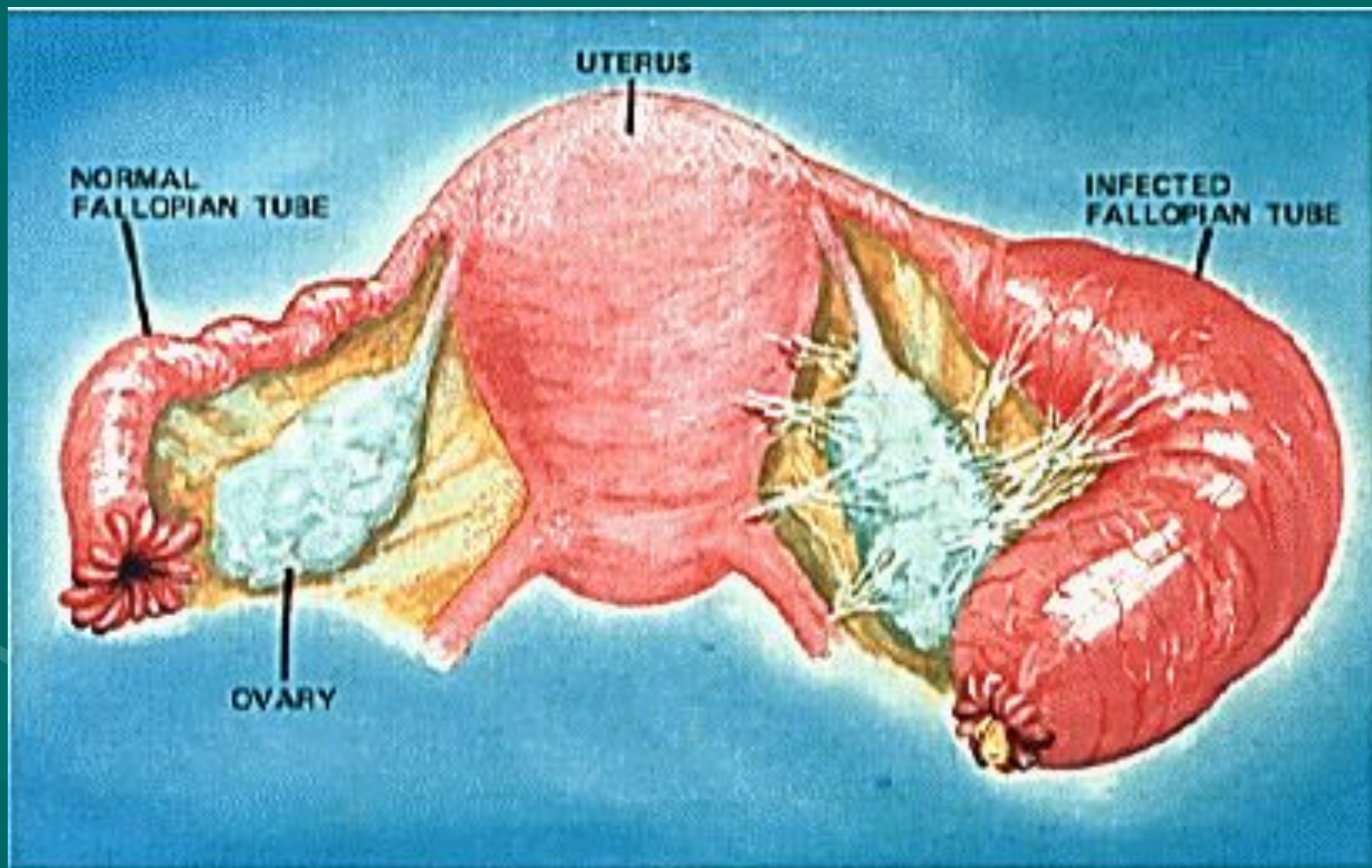
Pelvic Inflammatory Disease

Symptoms

Pain in pelvic area or abdomen
Vaginal discharge
Long & painful menstrual cycles
Spotting between periods
Fever
Painful urination
nausea



PELVIC INFLAMMATORY DISEASE IS AN INFECTION WHICH PASSES FROM THE VAGINA (A) THROUGH THE UTERUS (B) TO OTHER PARTS OF THE PELVIS.



ACUTE SALPINGITIS (PID)

Treatment for PID

- Antibiotics
- Antibiotics does not repair all the damage that has already occurred
- Surgery may be needed of infection is left untreated for too long

If Untreated

- Scars in the fallopian tubes or uterus that can lead to infertility
- Chronic pelvic pain

Gonorrhoea

Symptoms

Females

Often no obvious signs

Painful urination

Vaginal discharge or bleeding

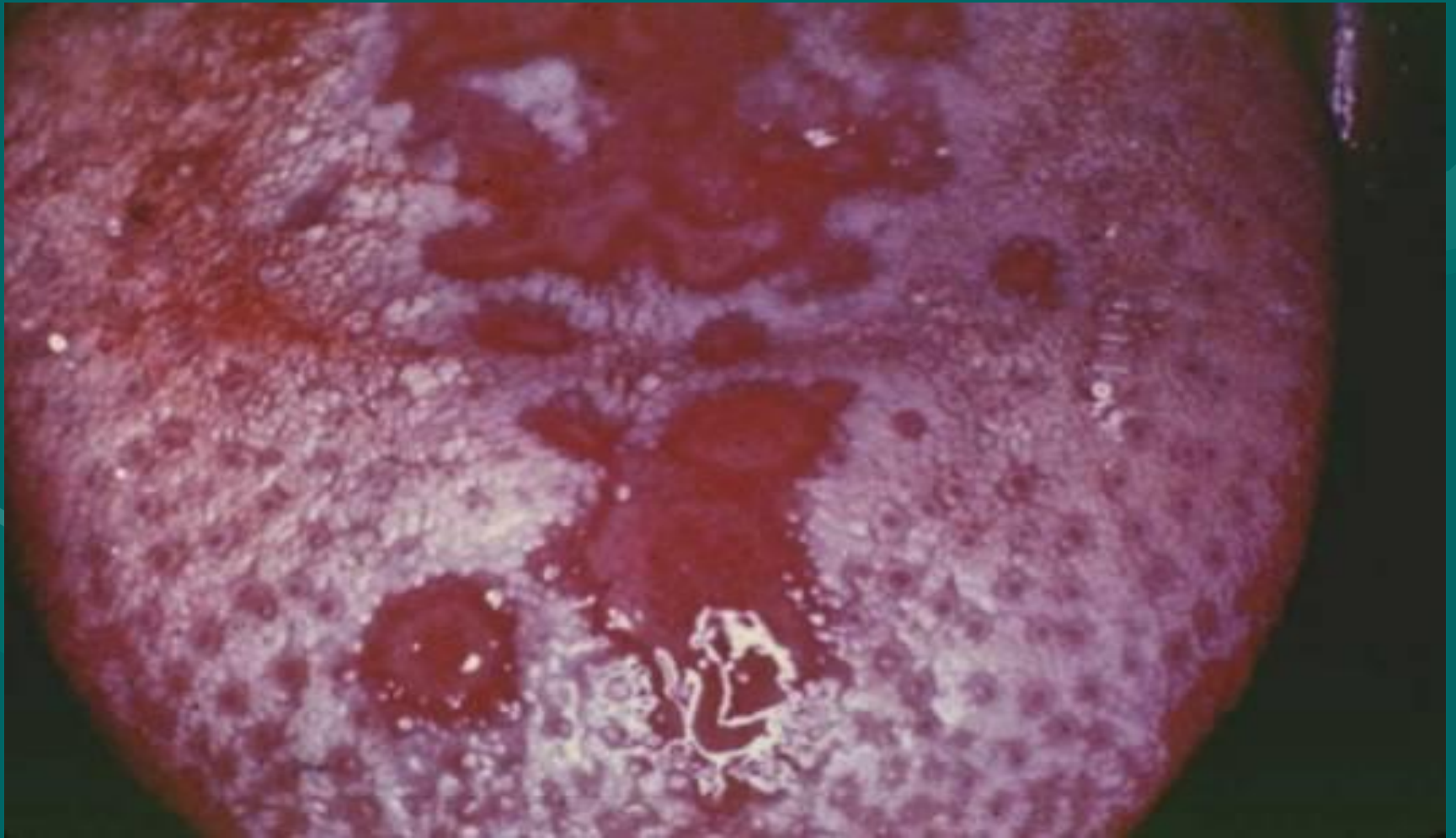
Pain in the abdomen or pelvic area

Males

Painful urination

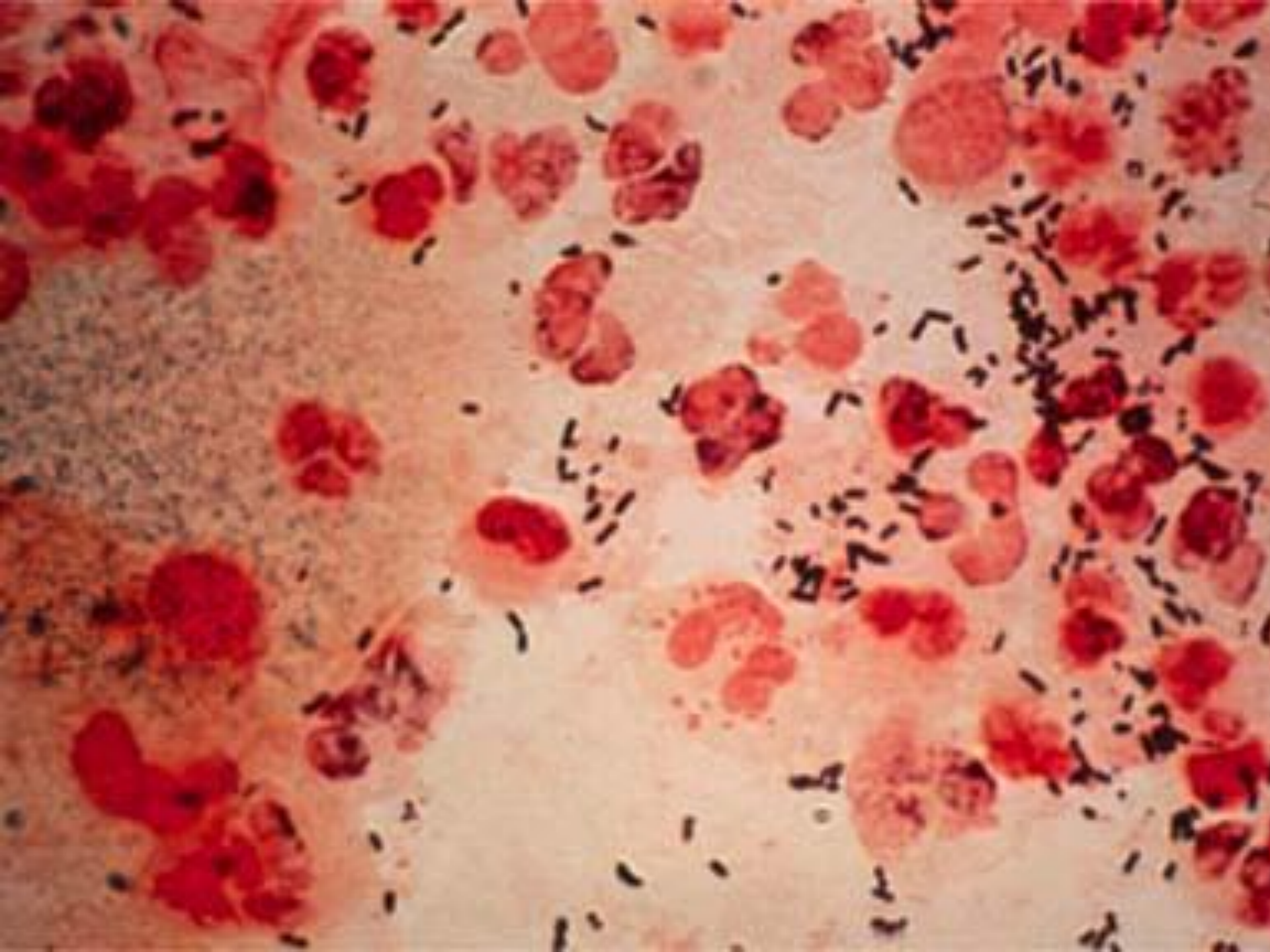
Discharge from the penis

Gonorrhoea on the tongue



Treatment for Gonorrhoea

- Both partners take antibiotics at the same time.
- Gonorrhoea is getting more difficult to treat because the bacteria that cause it have become more resistant to antibiotics



Untreated Gonorrhoea

Females

PID

Ectopic pregnancy

Infertility

Males

Scarring of the urethra making
urinating difficult

Painful swelling of the testes

Newborns of infected mother

Blindness

Joint infection

Life threatening blood infections

Syphilis (3 Phases)

Males & Females

Phase 1 (10-90 days after infection)

***painful ulcer, called a chancre at the place where the bacteria entered the body**

Pus in Tonsillar Crypts



Syphilis

Males & Females

Phase 2 (2 to 8 weeks after infection)

Fever

Rash

Swollen lymph nodes

Joint pain

Muscle aches

Rash Caused By Syphilis



Syphilis

Males & Females

Phase 3 (2 or more years after infection)

Heart & nervous system damage, including blindness, and loss of mental abilities

Possible death

Syphilis



STD'S Caused By Virus

- HPV-Human Papilloma Virus
- Genital Herpes
- Hepatitis
- HIV-Human Immune-Deficiency

HPV

often no symptoms

Females

*genital & anal warts
(pink or reddish warts that
appear on the genitals)

*abnormal pap smear
(screening test for cervical
cancer)

Males

*genital and anal warts



Figura 1: Carcinoma verrucoso oral em sua localização preferencial.

Figure 1: Oral verrucous carcinoma at its preferential localization.

Treatment For HPV

- There is no cure
- Warts can be treated by surgical removal, freezing or medication but will often return





HPV

If Untreated

Females

*women have a higher risk of developing cervical cancer with certain types of HPV

Males

*Men have an increased risk of developing genital cancers



Genital Herpes

Two Types

HSV-1

HSV-2



HSV 1

Symptoms for Males & Females

- Colds sores & blisters usually around the mouth
- Can be passed on to newborn infants if the mother has genital sores at the time of delivery

HSV 2

Symptoms for males & females

- Mild or no symptoms
- Red bumps, blisters and recurrent sores usually on or around the genitals
- Fever with first infection
- Swollen lymph nodes

Treatment For Genital Herpes

THERE IS NO CURE

*an infected person remains infected for life

Newborns of infected mothers:

*Infections of liver, brain, skin, eyes, and mouth

*death

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Genital warts:

Found on shaft of penis (male),
vagina, vulva, cervix (female)

Hepatitis

Inflammation of the Liver

- 2 different viruses cause hepatitis B and C
- Both can be sexually transmitted
- Hepatitis A is from contaminated food or water





Symptoms

males & females

- Jaundice (yellowing of the skin)
- Tiredness & muscle aches
- Fever
- Loss of appetite
- Darkening of the urine

Treatment

- There is no cure for hepatitis B or C
- Medications may help stop the spread of the virus
- Individuals with severe liver damage may need a liver transplant
- A vaccine is available to prevent hepatitis B

Untreated Hepatitis

Males & Females

*liver damage

*liver failure

*liver cancer

*premature death

HIV

Human Immune Deficiency

- Infects cells of the immune system and causes AIDS
- HIV is passed by exchange of body fluids, usually blood, semen, vaginal fluids or breast milk

Symptoms for HIV

Phase 1 (initial exposure to 10 years or more)

Fatigue

Weight loss

Fever

Diarrhea

Swollen lymph nodes

Symptoms of HIV

Phase 2

*phase 1 symptoms

*forgetfulness

*difficulty thinking

Symptoms of HIV

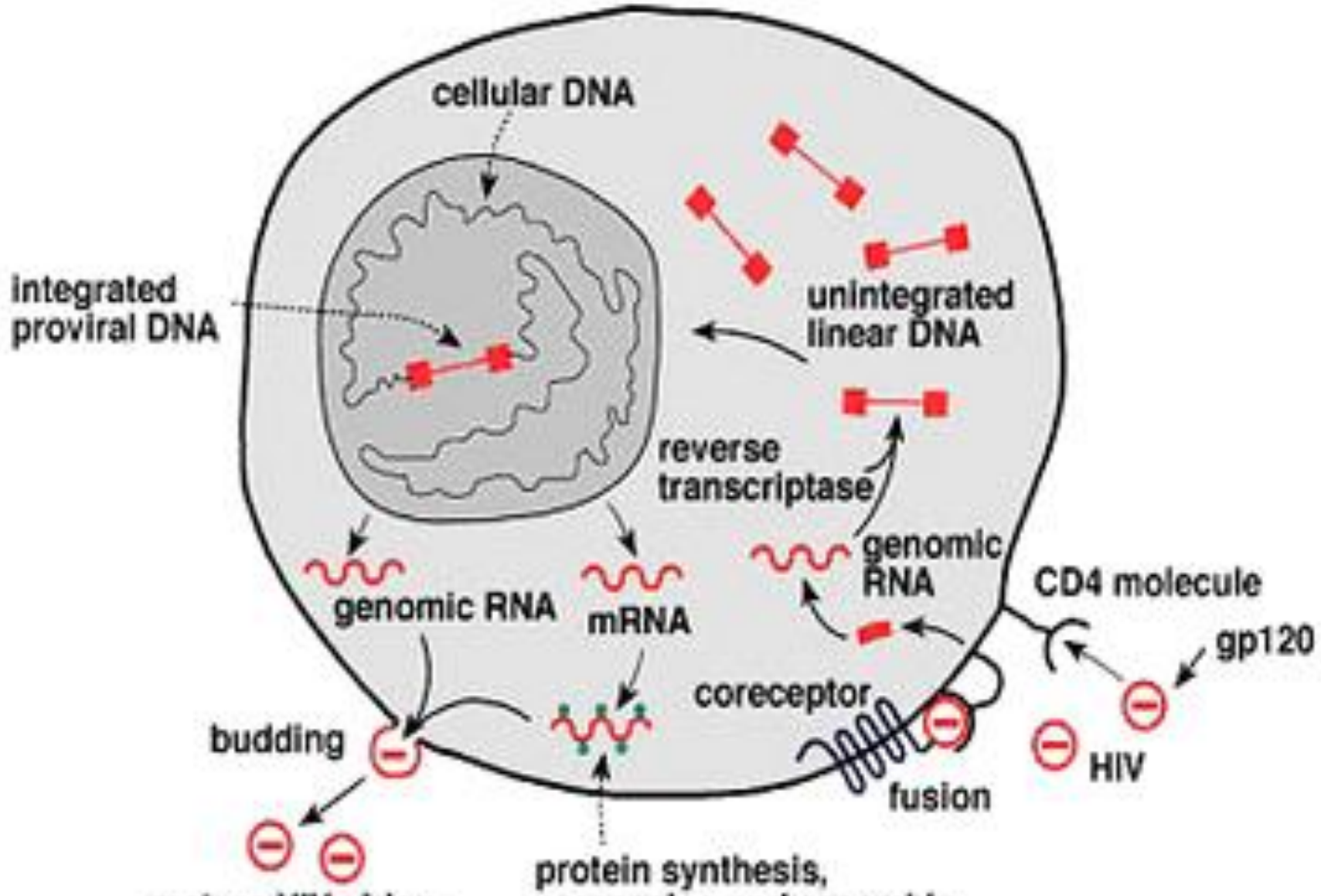
Phase 3

*weakened immune system

*infections

*weight loss

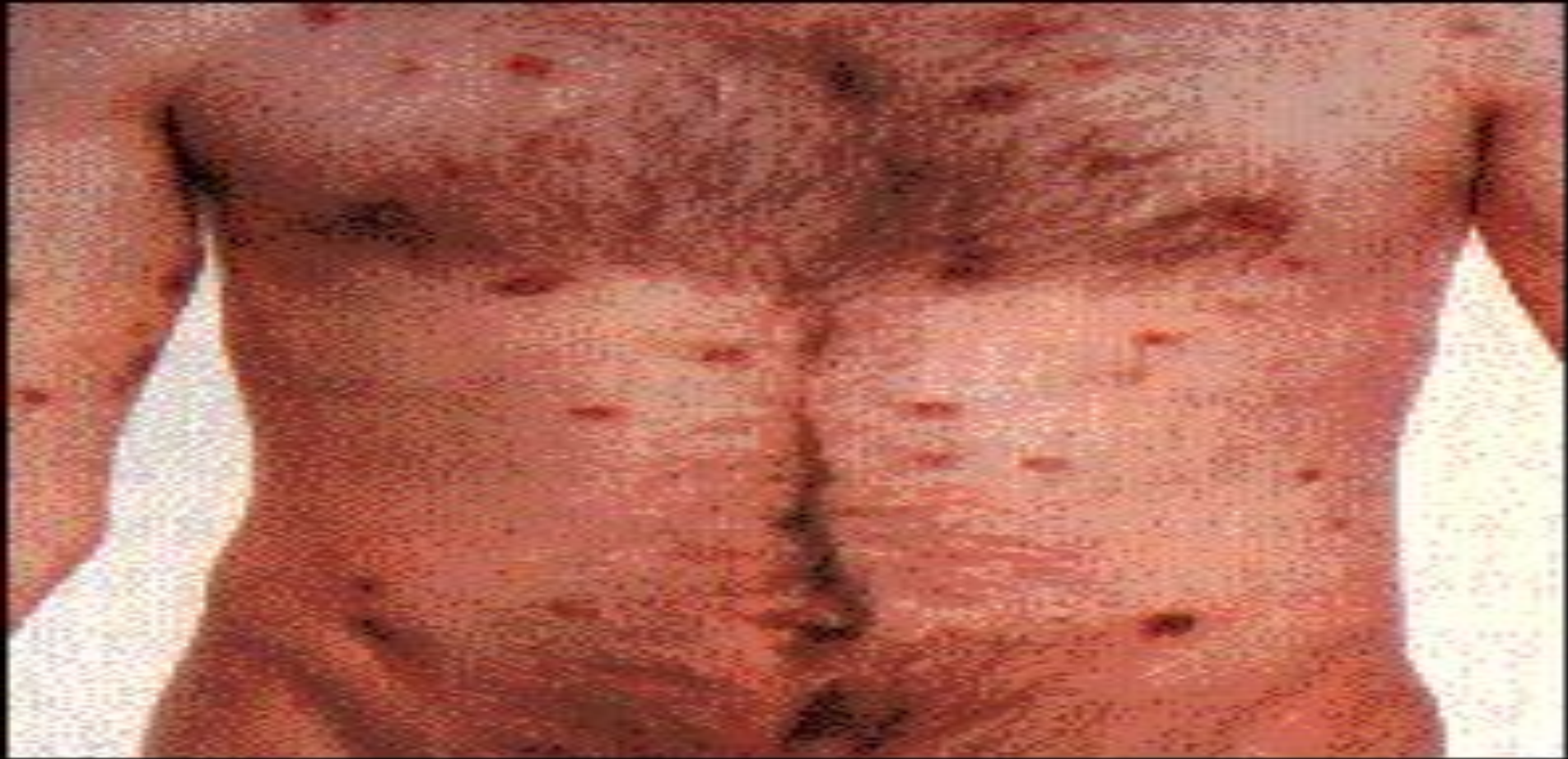
Replication Cycle of HIV



Treatment for HIV

- There is NO cure for AIDS
- A combination of drugs can delay the start of serious symptoms

Sores From AIDS



Untreated HIV

Males & Females

- Weight loss
- Malnutrition
- Loss of mobility
- Opportunistic infections (pneumonia & T.B.)
- Cancer
- Premature death

STD'S Caused By Parasites

- Pubic Lice
- Scabies
- Trichomoniasis

Pubic Lice

- *Strain of lice found in pubic hair of those infected.
- *The lice crawl on the skin and lay eggs on the hairs
- *The lice are spread by skin to skin contact



Symptoms

Males & Females

*can cause intense itching in the pubic area

Treatment

- Medication can kill the lice
- Infected individuals must wash clothes and bed linens in hot water to kill any remaining lice and their eggs
- If untreated skin damage can occur

Scabies

- Tiny mites that burrow into the skin on an infected person
- Can spread by skin to skin contact

Symptoms

Males & Females

- Can cause intense itching in the infected area

TREATMENT

Medications can kill the mites.

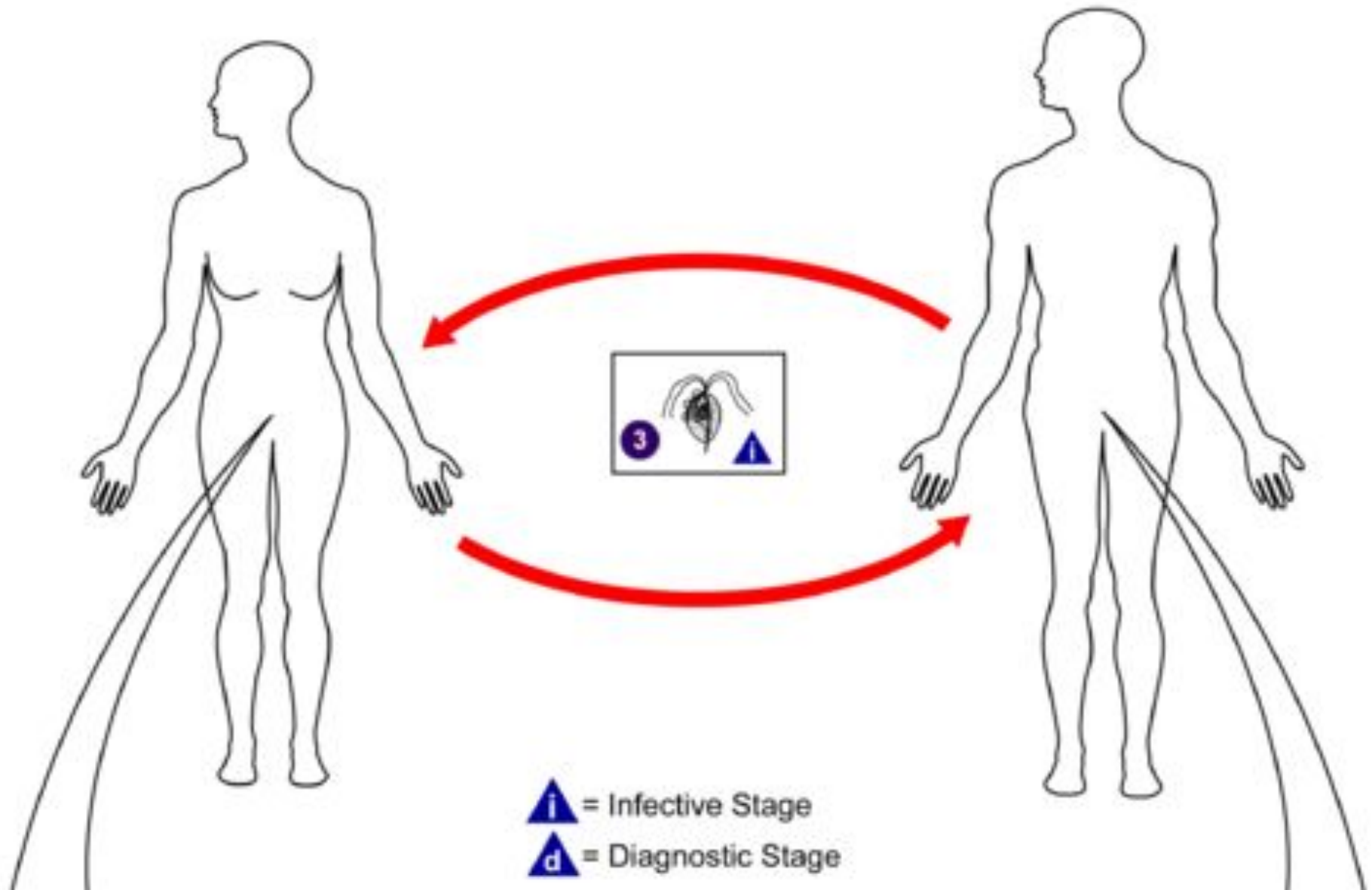
Infected individuals must wash clothes and bed linens in hot water to kill any remaining mites and their eggs

Trichomoniasis

- A single celled animal that is just a little larger than a bacterium
- Males may not have symptoms but can give the disease to others

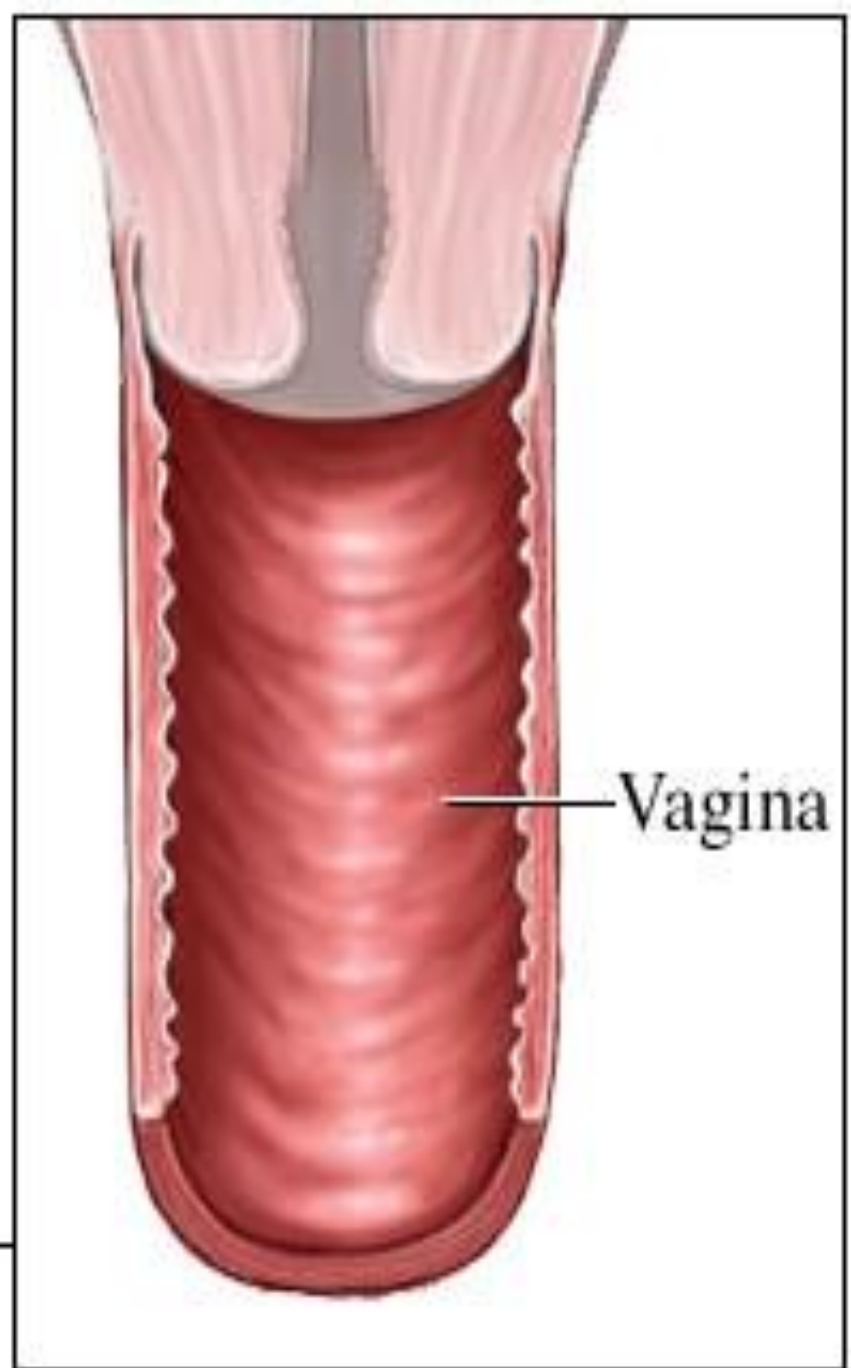
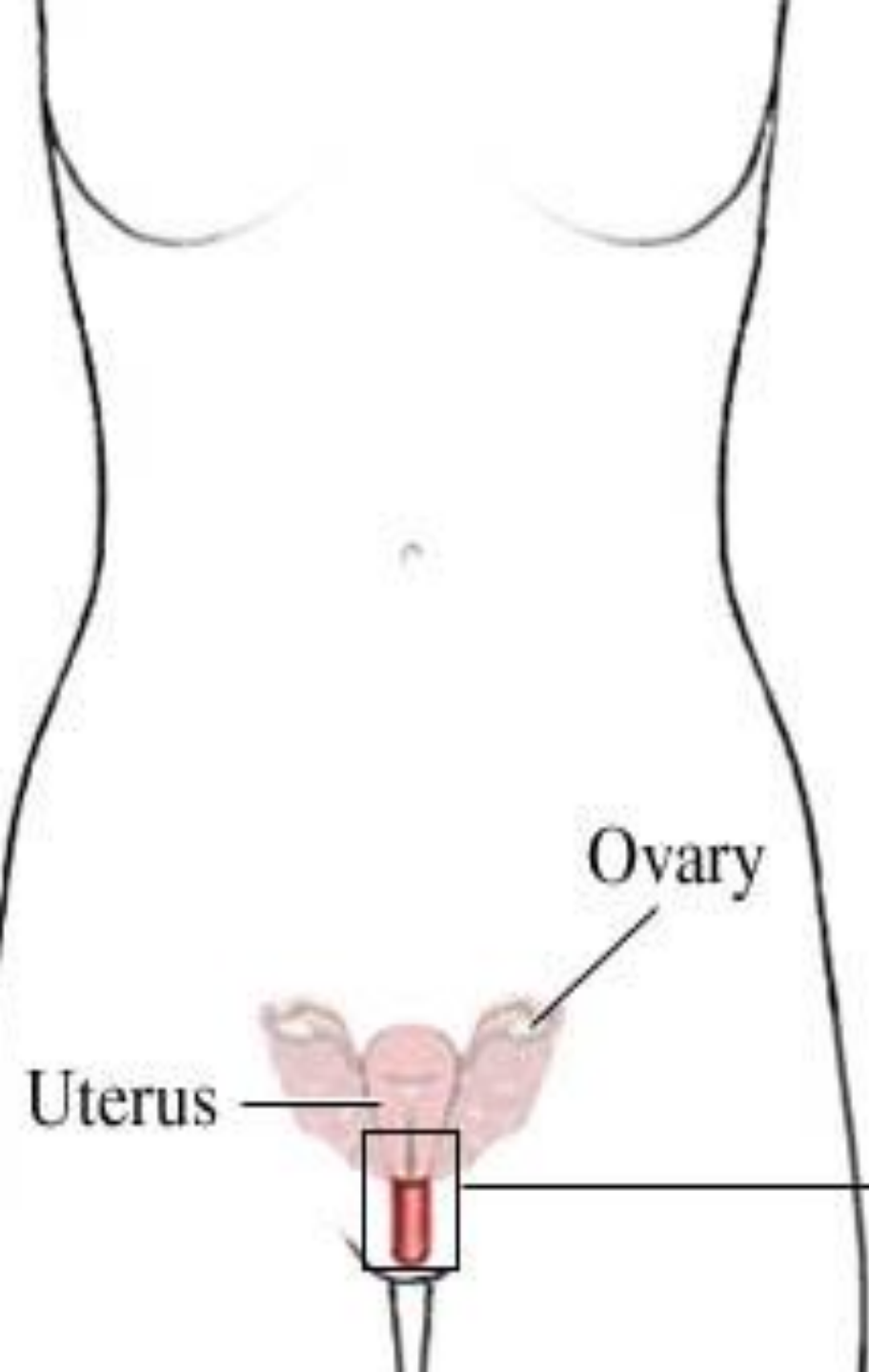
Trichomoniasis

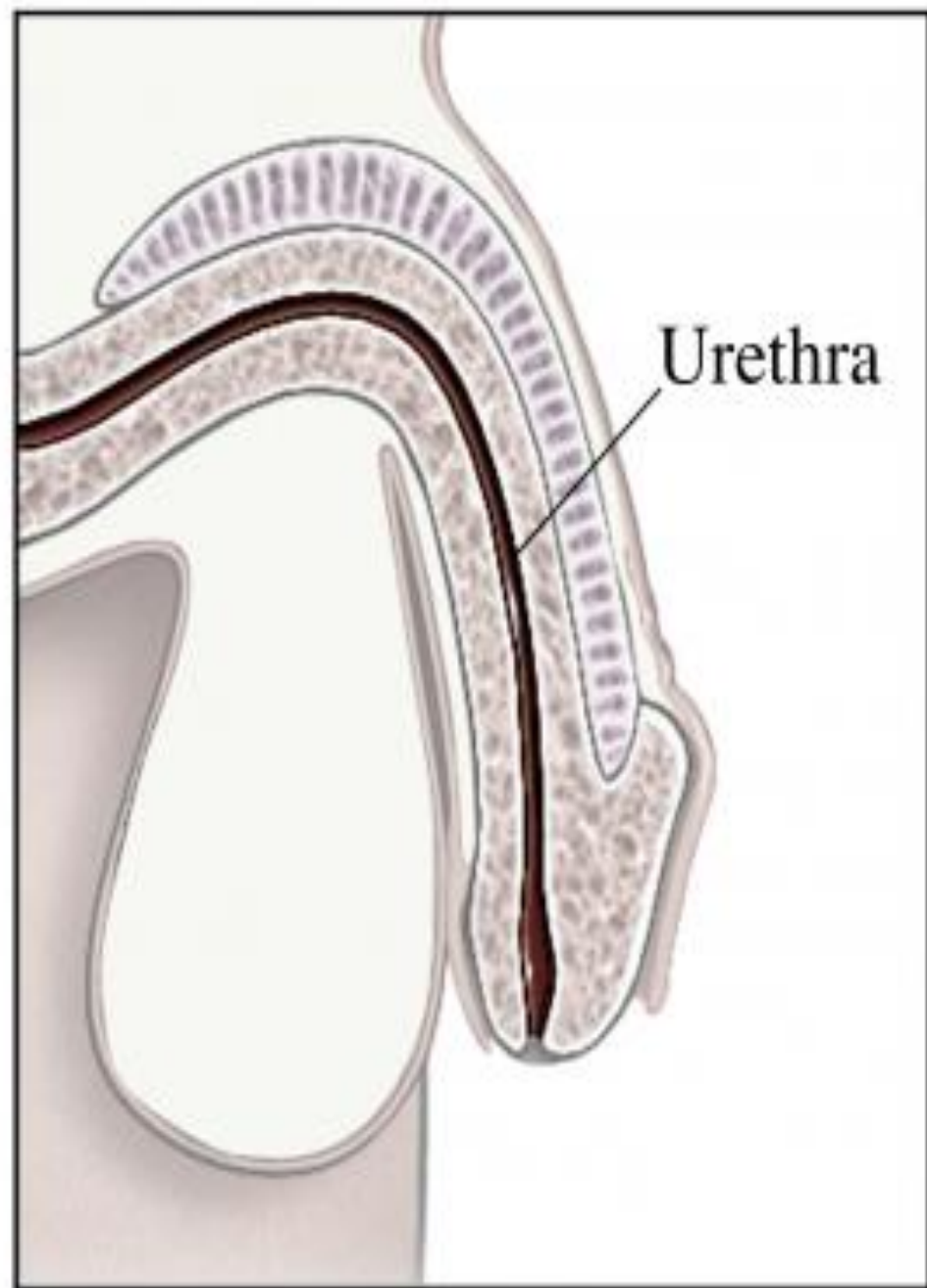
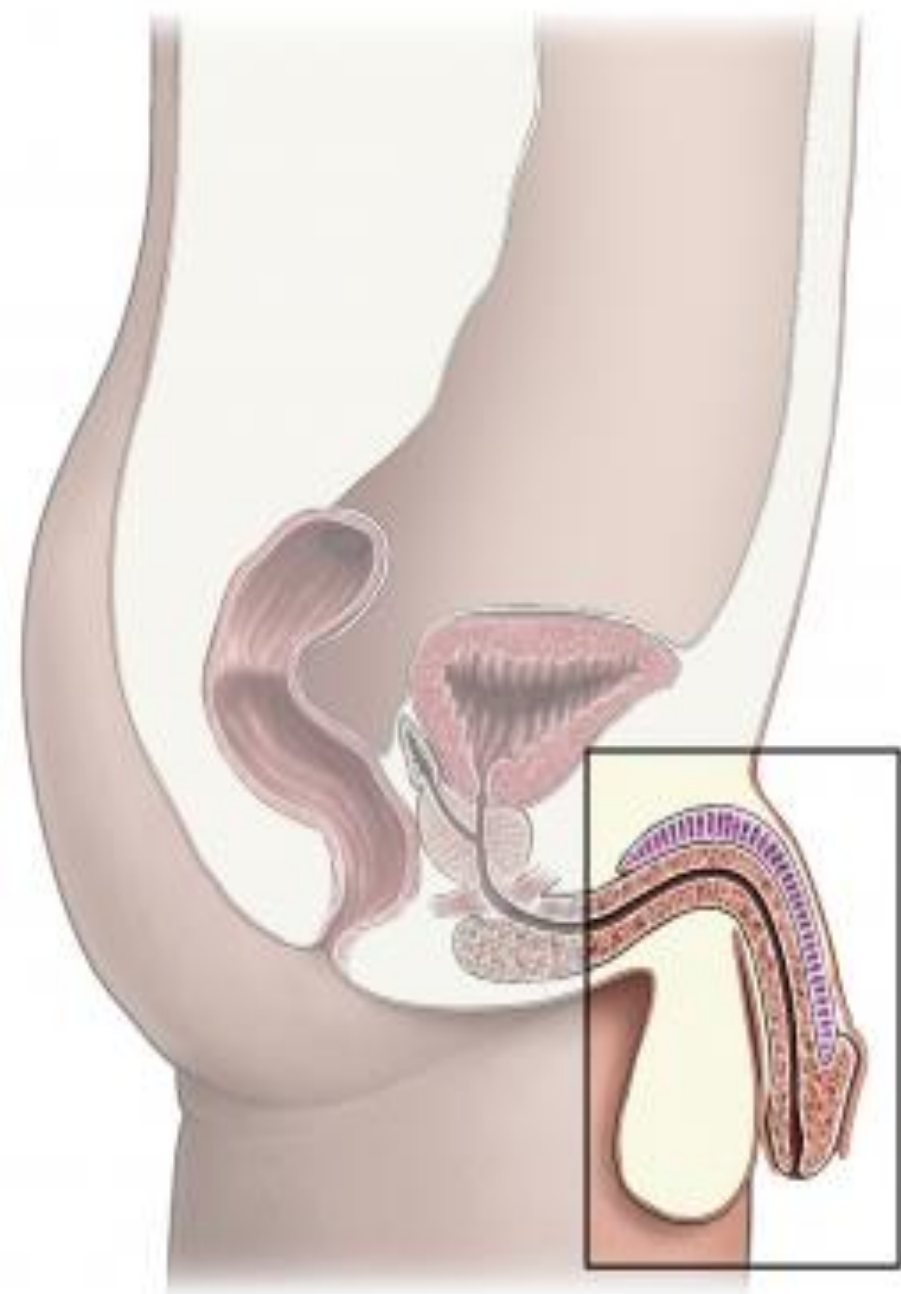
(Trichomonas vaginalis)



i = Infective Stage

d = Diagnostic Stage





Symptoms

Females

*itching in genital area

*discharge from the
vagina

*painful urination

Males

*usually no symptoms



Treatment

Can be cured with prescribed medication

Females untreated

Males untreated

*bladder and urethral infections

*inflammed urethra

*premature birth in pregnant women