Viral STIs

These are Incurable

Human Papillomavirus (HPV)

- Most common STI.
- How many?
  - 13 million new infections each year.
- Symptoms
  - Most strains have NO symptoms, though some get warts in private areas.
  - Can cause cancer of the cervix, vulva, vagina, penis, or anus. It can cause cancer in the back of the throat, including the base of the tongue and tonsils.
- There is no medicine to cure HPV, but in most cases, HPV goes away on its own and does not cause any health problems. When HPV does not go away, it can cause health problems like genital warts and cancer.
- GARDASIL® 9 Vaccine covers 9 HPV types that cause genital warts, cervical cancer, and anal cancer.
- GARDASIL® 9 is available (or recommended) for females and males 9 through 26 years of age. GARDASIL® 9 prevents certain cancers and diseases caused by the nine HPV types covered by the vaccine.

Hepatitis B

- How many?
  - According to the CDC, in 2022, the number of new hepatitis B cases was 2,126.
- Hepatitis is an infection of the liver.
- Symptoms
  - Yellowish skin, tiredness, dark urine
- For some people, Hepatitis B is an acute, or short-term, illness but for others, it can become a long-term, chronic infection that can lead to cirrhosis or liver cancer.
- The best way to prevent Hepatitis B is to avoid sexual contact and get vaccinated.

The choices you make NOW will affect you LATER!

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Sexually Transmitted Infections (STIs)

In the United States

7th Grade Curriculum
Activity 7.6.4: Facts about STIs

Source: www.cdc.gov

What do I need to know about STIs?

- There are about 26 million new cases of STIs each year in the United States.
- About half of these are in people between the ages of 15 and 24.

Bacterial STIs

These are Curable with antibiotics

Chlamydia

- Most commonly reported bacterial STI in the US
- How Many?
  - In 2022, a total of 1.6 million chlamydial infections were reported to the CDC in 50 states and the District of Columbia. This rate has dropped 6.2 percent over the last 5 years.
- Symptoms
  - Most people who are infected with chlamydia do not have any symptoms. It is often called the "silent" STI. Occasionally chlamydia can cause painful urination or discharge and can cause damage to the internal reproductive system.
- Prevalence. An estimated 2.3 million people are currently infected with chlamydia in the U.S. 29% of all male infections and 71% of all female infections occur among sexually active young people (15-24).
  - Untreated chlamydia may increase a person's chance of getting or spreading HIV.
  - If untreated, can lead to Pelvic Inflammatory Disease (PID), ectopic pregnancy and infertility.

Gonorrhea

- How Many?
  - In 2022, a total of 648,056 cases of gonorrhea were reported.
- Symptoms
  - Men: There may be NO symptoms or a discharge from the penis, or swollen testicles.
  - Women: There are either NO symptoms or MILD symptoms resembling a bladder or yeast infection or MORE SERIOUS symptoms such as painful urination, extra vaginal discharge or vaginal bleeding between menstrual periods. Even without symptoms, women are at risk of serious complications such as Pelvic Inflammatory Disease
- Untreated gonorrhea may increase a person's chance of getting or spreading HIV.
- If untreated, can lead to Pelvic Inflammatory Disease (PID), ectopic pregnancy and infertility.

Syphilis

- How Many?
  - In 2022, a total of 203,500 cases of Primary and Secondary Syphilis were reported in the United States. That was a 79% increase since 2018. There were 3,755 cases of congenital (newborn) syphilis, a 183.4 percent increase since 2018.
- Symptoms
  - Stage 1: Single painless sore where syphilis entered body. May be multiple sores.
  - Stage 2: Skin rash, flu-like symptoms.
  - Stage 3: Can occur 10-30 years later, internal organ damage, can lead to death.
  - Sores caused by syphilis make it easier to get or spread HIV.

Pelvic Inflammatory Disease (PID)

- Occurs when bacteria (i.e., chlamydia, gonorrhea) move upwards from the vagina/cervix into the uterus and fallopian tubes.
- Symptoms
  - Vaginal discharge, burning during urination, abdominal/pelvic pain, pain during sexual intercourse, bleeding between menstrual cycles.
- Can cause infertility, a pregnancy in the fallopian tube or outside the womb, abscess formation, or chronic pelvic pain.

Viral STIs

These are incurable

Human Immunodeficiency Virus (HIV) can lead to Acquired Immunodeficiency Syndrome (AIDS)

- How Many?
  - In 2022, 31,800 people were newly infected with HIV. An estimated 1.2 million people were living with HIV in the U.S. at the end of 2019.
- Symptoms
  - Frequent diarrhea, fever, aching all over
- Destroys immune system, therefore, over time the body cannot fight off infections and disease.

Herpes

- How Many?
  - Approximately 242,000 new herpes infections each year.
- Symptoms
  - Many have no or mild symptoms. Genital herpes sores usually appear as one or more blisters on or around the genitals, rectum or mouth. The blisters break leaving painful sores that may take weeks to heal. The first outbreak may also have flu-like symptoms such as fever, body aches, or swollen glands.
- Outbreaks can occur for many years.
- Having Herpes makes it easier to get or spread HIV.
- There is no cure for herpes. But medications can prevent or shorten outbreaks.