

Sexually Transmitted Infections

Viral Infections!

Journal #1

What would you do if you found out your best friend has HIV? Would your relationship change? Would you do anything differently?

HIV

- First reported in the U.S. in 1981
- Aids is caused by HIV
- HIV destroys the body's ability to fight infections and certain cancers
- About 1 million cases of AIDS have been reported in the U.S. since 1981
- As many as 950,000 Americans currently are infected with HIV
 - 1/4 of whom are unaware that they have it
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WHAT IS
HIV?



HIV

- Human Immunodeficiency Virus
- The virus multiplies in human cells making them highly susceptible to disease
- Cd4 count below 500

AIDS

- Acquired Immune Deficiency Syndrome
- An obtained failure to resist disease
- Opportunistic infections develop
- Cd4 count below 200

AIDS is the most advanced stages of HIV!

Transmission Fluids

- Blood
- Vaginal Fluids
- Semen
- Breast Milk
- Pre-ejaculatory
Fluids

Risky Behaviors

- Sharing needles
- Having sexual contact (including oral) with an infected person
- Having sexual contact with multiple partners
- Having sexual contact without the use of a condom
- Being born to a mother who has HIV

The WINDOW period



- It can take up to three months after you are infected to develop antibodies
- HIV can be passed to others during this time
- **ARV's**- *Anti-retro viral drugs* help stop HIV from reprogramming the CD4 cells.

Testing: testing can be done in a Dr's office or at home

- Long Island (Suffolk/Nassau) Regional Anonymous HIV counseling and Testing Program
 - Clinics are available on a walk-in or a scheduled appointment basis; some evening clinics are available (1-800-462-6786)
- Pride for Youth- Coffee House
 - Friday Nights 7:30-11:30 pm
 - 2050 Bellmore Ave. (516) 679-9000
- Planned Parenthood
 - 35 Carmans Road
 - Massapequa, NY 11758
 - Phone # 516.750.2500

Confidential vs. Anonymous

- Confidential testing means that your name and other identifying information is attached to your test results. The results go in your medical record and may be shared with your insurance company
- Anonymous testing means that your name is NEVER used- just an ID number- Usually the results aren't written down they are just told to you either over the phone or in person.

HPV: Human Papillomavirus

HPV is most common STI!

- 79 million Americans, most are late teens & early 20's are infected
- Over 100 strains
 - 30 transmitted sexually
 - Few strains “High risk” for Cervical Cancer
 - “Low risk” = Genital Warts



How is HPV transferred?



- Vaginal, anal or oral sex with someone who has the virus
- Can be passed even when the infected person has NO signs or symptoms
 - Symptoms can take years to show

HPV can
cause
other
health
problems!

- Some forms of HPV go away on their own
- However some strains cause certain kinds of cancer (cervical cancer/ reproductive cancers) or genital WARTS

Genital Warts: form of HPV

**CAN BE
TREATED
NOT CURED**

- One in 100 sexually active adults in the U.S. has genital warts at any given time.
- Small bumps or group of bumps in the genital area
 - They can be small or large, raised or flat, or shaped like a cauliflower

Risk factors for getting HPV

- Having higher number of intimate partners
- Having sex with someone who has several intimate partners
- Having a weakened immune symptom, due to HIV or having an organ transplant
- Having areas of damaged skin

There are vaccines to protect against HPV



- All boys and girls ages 11 or 12 years should get vaccinated.
- Catch-up vaccines are recommended for boys and men through age 21 and for girls and women through age 26, if they did not get vaccinated when they were younger.

HPV vaccine is also recommended for the following people, if they did not get vaccinated when they were younger:

- young men who have sex with men, including young men who identify as gay or bisexual or who intend to have sex with men through age 26;
- young adults who are transgender through age 26; and
- young adults with certain immunocompromising conditions (including HIV) through age 26.

HERPES (1 & 2)



❖ **HSV-1 (oral)- “Cold Sores” “Fever Blisters”**

- Transmission can occur from contact with a sore or can even happen if a person shows no outward symptoms.
- Transmission can occur from oral-genital contact as well as through vaginal sex.

❖ **HSV-2 (genital)**

- Most people do not know that they have it.
- First outbreak happens 2-3 weeks after infection.
- Can also have flu-like symptoms.
- These sores can be painful.

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NOT
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HIV

HPV

HERPES