**March 24, 2015**

**PSY3405 D391**

**Guest Lecturer Dr. Gwen Cohen Brown**

**HIV/AIDs: Sexuality, STDs, and HIV Transmission**

Average age of sexual activity in the United States is from15 to 16 years old. Average city youth is around 13 years old.

About 20% of inner city youths engaging in sexual activity are only practicing safe sex and ¼ of new STD of the nation diagnoses ranges from ages 15 to 19 years old.

STD’s are transmittable through the following:

Genital-Genital

Oral-Genital

Genital-Anal

Oral-Anal

Oral-Oral

Sexual Identity: How you identify yourself and yourself to others.

Are you normal?

Answer your comfort level.

HIV status now a chronic disease-not something you can die from at this point if you seek treatment.

Many young men are dying from HIV-reason not talking with partners about other sexual partners whom might have HIV. Not using precaution.

Female and Female death because HIV lower compared to others because of use of some protection. That being said breast and vaginal secretion can carry HIV.

CD4 killer cell count:

When you have less than 200 T-cells (T lymphocytes) that is when HIV becomes AIDs.

Ratio of contracting HIV is 2:4 for woman then for men:

Reason is due to secretion from male to female is easier for HIV to be transmitted then for female to male due to higher concentration of HIV in men’s semen.

More likely to transmit HIV in anal sex then in vaginal sex

HIV positivity won’t be detected until 6 weeks after due this being the window time

HIV testing options:

Walk in clinics

20 minutes rapid test

In home test

\*If positive results for HIV are yielded on initial test a confirmatory test is needed\*

CDC-Center for Disease Control

20%-25% HIV positive in United States do not know there HIV status.

About 40,000 new cases every year at the age of 25 and under (**This is not a throw away disease!**)

7%-26% increase in women of HIV to AIDs from 1985 to 2002, reasons

-drug use

-male partners having sex with male partner then with women partners

African Americans are 51% of new HIV infections cases which is 13% of the United States population cases. Reasons is due to non-discussions with partners and not practicing safe sex.

In NYS 25% AIDs cases are from women. HIV/AIDs cases in NY 2000 was 19%.

HIV still affecting minorities mostly including youths.

Rates among Latino and African American youths are higher

-67% African American, 20% Latino reporting HIV infection for youths

Brooklyn 2001:

About 13,000 HIV/AIDs infected are living with it, about 1,400 new cases are reported. Brooklyn is double the statistics of that of the United States.

Age 25-44 people in 2001 is the leading cause of Death among African due HIV infection due to late diagnosis and late treatment.

Age 15-24 worldwide living with HIV/AIDs

HIV transmissions:

Sexual contact

Vertical transmission-mother to child

Lateral transmission-same age

Passed through blood or sharing of needles.

Not transmitted through mosquitos, casual contact, sharing bathroom.

Probability of transmission is based on how infected person you are in a sexual relationship is and how well are you (health)?

Two people with HIV still need to use protection to prevent health deterioration from HIV strain mutation. (**comorbidity-multiple strains**)

Chances of Transmissions from greatest from left to right

Anal>vaginal>oral 5x more likely to transmitted through anal sex then vaginal sex.

PREP-using a pill (cocktail medication) then engaging in risky sexual behavior, works well but protections should still be used. If not taken regularly they can seroconvert (antibody seen antigen not).

HIV Testing:

Initial Blood Test-no risky behavior

6 weeks after retest but should still use protection if negative.

Testing phase are 6 weeks, 12 weeks, and 3 months. Optional is 6 months but not required.

Symptoms:

Most people don’t associated it with HIV such as flu, swelling of lymph nodes.

Lack of resist to diseases, diarrhea, night sweats.

People die of sickness from other diseases due to weaken immune system causes by AIDs.

Speed-engaging in risky sex behavior and drug use

Ecstasy-causes permanent holes in your brain, should never use, causes memory lost

3 million youths will contract STDs annually, 2/3’s under age of 25 are new cases of STDs, ¼ American’s will be infected in their life time.

United States has highest STD rates of developed countries.

Drug resistant-antigen become strong because people take medication but don’t take it completely though to end

Viral STDs cannot be cured it will stay with you forever.

STD’s increase susceptibility to HIV infection

130 known HIV strains.

Prevention:

Decrease risky behavior (drug use)

Modify biological factors (become healthier)

Look for a supportive environment-eg: spread awareness, go for health care, services