Summarize the risks of IV drug use, including blood borne diseases.
Objective

• Today you will learn and understand that drug use can lead to unprotected sex and other risky behaviors.

• You will know why you should avoid touching body fluids and the dangers if injection drug use and unprotected sex.

• You will understand the risk associated with injection drug use in regard to personal health including the spread of HIV, Hepatitis B and C, and the addiction of infants born to drug addicted mothers.
Country Comparison for HIV

1. South Africa: 5.6 million
2. Nigeria: 3.3 million
3. India: 2.4 million
4. Kenya: 1.5 million
5. Mozambique: 1.4 million
6. Tanzania: 1.4 million
7. United States: 1.2 million
8. Uganda: 1.1 million
9. Zimbabwe: 1.1 million
10. Russia: 980 thousand
North Carolina HIV Infection

- CDC FACTS
Body Fluids that transmit HIV

- Blood
- Semen
- Vaginal Fluids
- Breast milk
Behaviors that pose risk for HIV

- Unprotected oral
- Anal and vaginal intercourse
- Breastfeeding by an HIV infected mother
- Sharing of needles
Intravenous Drug use and Blood borne Pathogens
Drugs most likely injected

- Heroin
- Cocaine/Crack Cocaine
- Amphetamines (Meth.)
- Anabolic steroids
- Bath Salts
IDU Facts

• Approximately 1/10 of all new HIV infections are the result of injection drug use.

• Bacterial infections are likely transmitted through the use of infected needles and the injection site may also become infected due to lack of hygiene and unsterile injection
• The effect of injection drug use is quick and intensive increasing the chance for addiction.

• Scarring and collapsed veins are very common with ID users.

• They may have “track marks” which is the result of discoloration of the veins due to scarring and build up of toxins.
Risks of substance abuse

Increases:

• car accidents
• Premature deaths
• Health care costs
• Insurance costs
• Responsible for countless lost work hours
• Robbery
• Murder
Diseases associated with IDU

- Chronic liver disease
- Hepatitis C (most common virus spread through IDU)
- Hepatitis B
- HIV
MRSA

• One of the emerging infectious diseases in the United States.

• Type of staph infection that is resistant to antibiotics.

• IUD id the number one risk factor to contract this infection.
Injection drug use Infections

- cellulitis-staph under the skin
- Abcess
- Skin ulcers
- Necrotising Facilitis- a dengenerative skin disorder
- Botulism
- Tetanus
- Endocarditis- heart valve infection
What are the effects of babies born to drug addicted mothers?

• Babies can suffer a lifetime from the risky behaviors of their parents.

• They can be born carriers of HIV or Hepatitis B or C

• They can have disabilities or withdrawal
Struggles of Drug Addicted Babies

- Doctors
We all have a responsibility to not use drugs ourselves and to discourage substance abuse by others.

Recent estimates for the cost of treatment for substance abuse is $250 billion per year.

This does not take into account other affected by the ripple effect of drug use (HIV, Hepatitis B or C as well as effects on children)
• You will become an advocate for others to refuse to use injection drugs or seek help for injection drug use.

• You will write a letter to the local newspaper addressing the following:

  • Background information on injection drugs
  • Describe risks associated with injection drug use, specifically bloodborne diseases
  • Encourage parents, community organizations and public officials to provide resources and support to those who need assistance.