

# SEXUALLY TRANSMITTED INFECTIONS

OBJECTIVE:  
STUDENTS WILL BE  
ABLE TO DESCRIBE  
HOW SEXUALLY  
TRANSMITTED  
INFECTIONS  
INCLUDING HIV  
ARE TRANSMITTED  
AND PREVENTED  
AND DESCRIBE THE  
SIGNS, SYMPTOMS,  
CONSEQUENCES,  
AND TREATMENT  
OF COMMON STIS  
INCLUDING HIV.

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1. Respect the feelings of others.
  2. Use correct vocabulary (no slang words)
  3. Do not ask questions in order to show off or embarrass others.
  4. If you have a serious question that you do not want to ask in class, write it and put it in the question box.
  5. Do not tell personal stories.  
Always say "I know someone who..."
  6. Respect the privacy of everyone in class, including the teacher.
  7. Do not share information (including worksheets) with younger children.
  8. Do not discuss information in a crude or joking manner inside or outside of the classroom.

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# FAMILY LIFE RULES



# WARM-UP:

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- Define the term communicable disease.
- List an example of a communicable disease.

# Communicable Diseases

- a disease that can be passed to a person from another person, animal, or object.
- Examples:
  - Flu
  - Chicken Pox
  - Conjunctivitis
  - Malaria
  - Rabies
  - Sexually Transmitted Infections

# WHAT IS AN STI?

STI's are illnesses that pass from one person to another through sexual contact, but they can be prevented.



# Viral & Bacterial Infections

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What is the difference between **viral** and **bacterial** infections?

- **Viral** Infections – Cannot be cured but symptoms can be treated with medicine
- **Bacterial** Infections – Can be cured and treated with an antibiotic

# HOW STI's ARE SPREAD

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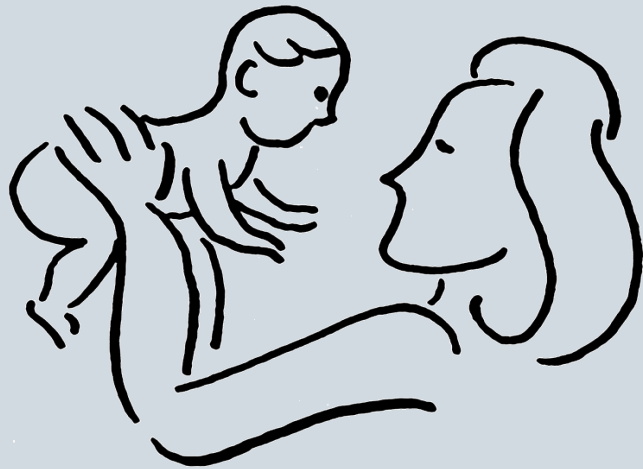
STI's are spread by the exchange of bodily fluids.

**BREAST MILK**  
**BLOOD**  
**VAGINAL FLUIDS**  
**SEMEN**

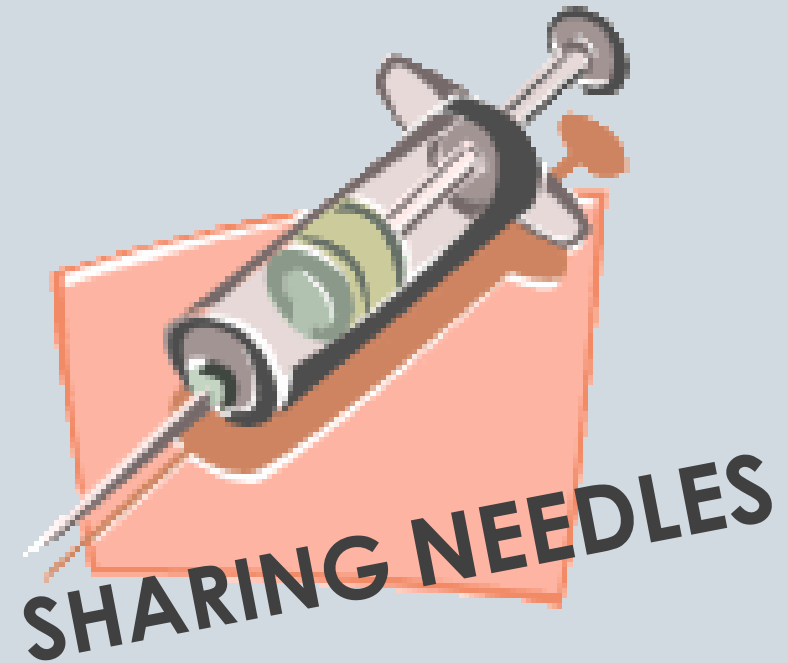
# HOW STI's ARE SPREAD

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## SPREAD BY SEXUAL CONTACT



**MOTHER TO CHILD**





# FACTS ABOUT STI's

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- STI's cause few or no symptoms in the early stages of infection.
- Some STI's, but not all, can be cured by antibiotics.
- STI's are serious risks to your health.



# RISK FACTORS

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Exposure to an STI can  
occur during

**ANY**

type of sexual

**CONTACT**



# Preventing STI's

# Abstinence vs. Condoms

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## ABSTINENCE

- waiting or refraining from all forms of sexual activity
- 100% effective in preventing pregnancy and sexually transmitted infections

## CONDOMS

- a thin latex sheath that is placed over the penis and prevents sperm from entering the vagina
- an over-the-counter product purchased at most stores
- 86-97% effective in preventing pregnancy and sexually transmitted infections



# Barrier Methods

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A method of birth control that puts a physical wall (barrier) between the sperm and egg so they cannot join

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Condoms are an example of a barrier method

# ELIMINATING THE RISK

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## **Abstinence**

The only prevention  
method that is

**100 %**

effective in preventing  
STI's.

Let's Review

# Viral Infections



# Genital Herpes

How It Is Spread	Cause	Symptoms	Treatment	Complications	Prevention
Sexual Contact	Virus (Herpes simplex type 2)	<ul style="list-style-type: none"><li>▪ Painful, itchy blisters in the genital area, fever, burning when urinating during outbreak.</li><li>▪ May experience flu-like symptoms and swollen lymph nodes.</li></ul>	No cure and medicines to treat symptoms	<ul style="list-style-type: none"><li>▪ Increased risk of HIV.</li><li>▪ Brain damage or death of newborn if mother is infected during pregnancy.</li></ul>	<ul style="list-style-type: none"><li>▪ Abstinence from sexual contact.</li><li>▪ Condom use.</li></ul>

# Genital Warts

How It Is Spread	Cause	Symptoms	Treatment	Complications	Prevention
Sexual Contact	Virus (HPV)	<ul style="list-style-type: none"><li>▪ Painless warts in genital area.</li><li>▪ Warts can itch and burn.</li></ul>	<ul style="list-style-type: none"><li>▪ No cure.</li><li>▪ Topical medication, or freezing or surgery to remove the warts.</li></ul>	Cervical Cancer	<ul style="list-style-type: none"><li>▪ Abstinence from sexual contact</li><li>▪ HPV Vaccine</li><li>▪ Condom Use</li></ul>

# HIV – AIDS

How It Is Spread	Cause	Symptoms	Treatment	Complications	Prevention
<ul style="list-style-type: none"><li>▪ Sexual Contact</li><li>▪ IV Drug Use</li><li>▪ Bodily Fluids</li><li>▪ From mother to child</li></ul>	Virus	<ul style="list-style-type: none"><li>▪ Flu-like symptoms</li><li>▪ Most have no symptoms</li><li>▪ AIDS- swollen lymph nodes, fever, night sweats</li></ul>	<ul style="list-style-type: none"><li>▪ No cure.</li><li>▪ AZT will slow the progress of the illness.</li></ul>	Destruction of the immune system	<ul style="list-style-type: none"><li>▪ Abstinence from sexual contact</li><li>▪ Avoid drug use</li><li>▪ Condom use</li></ul>

Let's Review

# Parasitic Infections

# Pubic Lice

How It Is Spread	Symptoms	Treatment	Complications	Prevention
<ul style="list-style-type: none"><li>▪ Sexual Contact</li><li>▪ Bed linens</li><li>▪ Towels</li><li>▪ Clothing</li></ul>	<ul style="list-style-type: none"><li>▪ Itching in the genital area</li><li>▪ Visible nits (lice eggs)</li><li>▪ Crawling lice</li></ul>	<ul style="list-style-type: none"><li>▪ Over-the-Counter lotion containing 1% Permethrin, prescription Lindane shampoo (use ONLY as a last resort).</li><li>▪ Machine wash and dry items that infested person used during the 2-3 days prior to treatment. You MUST use HOT water and the hot dryer cycle. Items that cannot be laundered can be dry-cleaned or stored in a sealed plastic bag for 2 weeks.</li></ul>	Difficult to see	Abstinence

# Bacterial Infections

# Syphilis

How It Is Spread	Cause	Symptoms	Treatment	Complications	Prevention
Sexual Contact	Bacteria	<ul style="list-style-type: none"><li>▪ Stage one- painless lesions</li><li>▪ Stage two- body rash and flu-like symptoms</li><li>▪ Stage three- rash, fever</li></ul>	Antibiotics	If left untreated my cause blindness, paralysis, insanity and death.	<ul style="list-style-type: none"><li>▪ Abstinence from sexual contact</li><li>▪ Condom use</li></ul>



# Gonorrhea

How It Is Spread	Cause	Symptoms	Treatment	Complications	Prevention
Sexual contact	Bacteria	<ul style="list-style-type: none"><li>▪ Men may notice a discharge and painful urination.</li><li>▪ Women no early symptoms. Will eventually develop discharge, pain and fever.</li><li>▪ Swollen lymph nodes.</li></ul>	Antibiotics	<ul style="list-style-type: none"><li>▪ If untreated may affect fertility, permanent damage to joints and body organs.</li><li>▪ Infections of the unborn baby.</li><li>▪ Pelvic inflammatory disease.</li></ul>	<ul style="list-style-type: none"><li>▪ Abstinence from sexual contact.</li><li>▪ Condom use.</li></ul>

# Chlamydia

How It Is Spread	Cause	Symptoms	Treatment	Complications	Prevention
Sexual contact	Bacteria	<ul style="list-style-type: none"><li>▪ Burning during urination</li><li>▪ Discharge</li><li>▪ Females may have mild or no symptoms.</li></ul>	Antibiotics	<ul style="list-style-type: none"><li>▪ Problems with fertility from scarring of the reproductive system</li><li>▪ Untreated can cause PID in females</li></ul>	<ul style="list-style-type: none"><li>▪ Abstinence from sexual contact</li><li>▪ Condom use</li></ul>

Let's Review

CLOSURE:

# **Complete STI Review Assignment**