

GRADE 9 VACCINATION PROGRAM



Vaccinations

For Grade 9:

Diphtheria, Tetanus, & Pertussis
Meningitis Groups A,C, W-135, Y

Catch up:

Measles, Mumps & Rubella
Hepatitis B
Polio
Varicella
Human Papilloma Virus (HPV)



Diphtheria

WHAT IS IT?

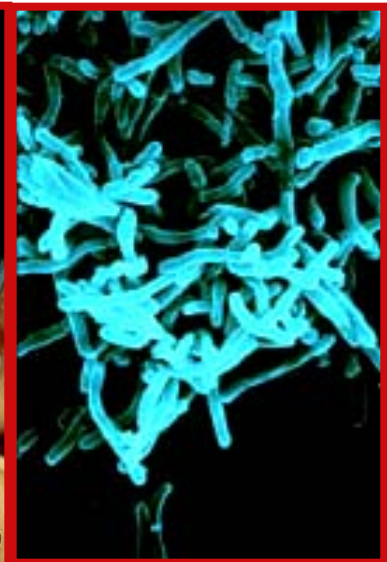
- A disease caused by BACTERIA
- Infects nose and throat.

HOW DO YOU GET IT?

Direct contact with DROPLETS from infected person's nose & throat.

SYMPTOMS?

- Grey spots may appear on tonsils
- Breathing becomes difficult
- Sore throat/headache
- The bacteria may produce TOXIN
- Can cause paralysis or heart damage



DEATH RATE
1 in every 10 who
gets diphtheria dies

Tetanus

WHAT IS IT? (LOCKJAW)

- A disease that causes BACTERIA to grow at the site of an injury

HOW DO YOU GET IT?

- ✓ By stepping on a RUSTY NAIL
- ✓ By getting a CUT /LACERATION
- ✓ By getting a dog or cat BITE

SYMPTOMS?

- ✓ The bacteria make a TOXIN, absorbed by the body's muscles
- ✓ Causes spasms that make it difficult to breathe



DEATH RATE
6 out of 10
people who get
tetanus die

Pertussis (Whooping Cough)

WHAT IS IT?

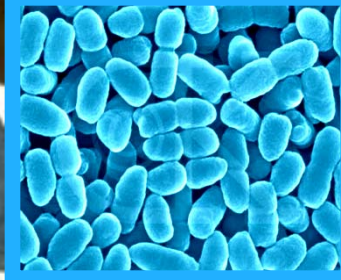
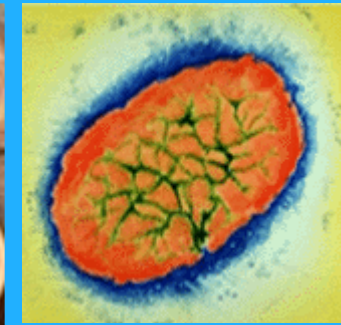
- A BACTERIAL disease
- Infects the lining of the airways.

HOW DO YOU GET IT?

- Direct contact with DROPLETS from infected person's nose & throat.

SYMPTOMS?

- Attacks of VIOLENT coughing
- Lasting 2 - 3 weeks or more
- Children may have difficulty breathing
- Babies with whooping cough may have fits (seizures)
- Coma due to lack of oxygen to their brain.



1 out of 400 babies under 1 year of age with whooping cough will end up with brain damage

Meningitis

WHAT IS IT?

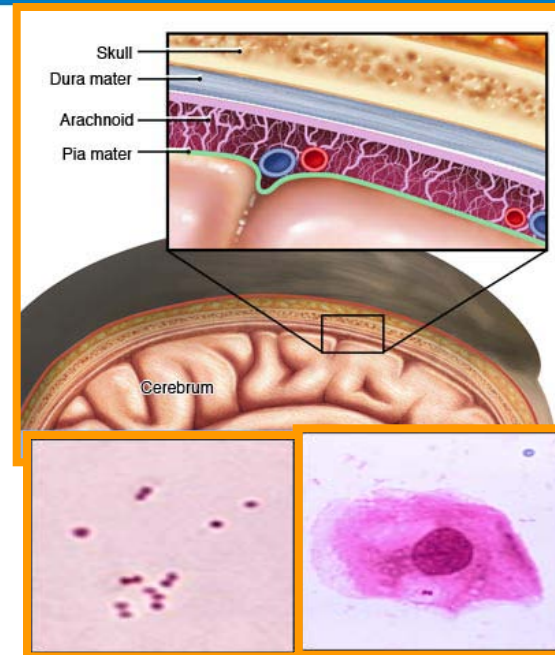
- Infection caused by a bacteria or virus
- Infection of the covering of the brain & spinal cord
- Infection of the blood.

HOW DO YOU GET IT?

- By sharing food, drinks, lipstick, lip gloss, water bottles, kissing

SYMPTOMS?

- Fever, headache, nausea, vomiting, generally feeling unwell
- Progresses to a bad headache, stiff neck and/or a reddish-purple tiny bruise-like skin rash



DEATH RATE

Up to 10% of cases are fatal, even with treatment

Human Papilloma Virus (HPV)

WHAT IS IT?

- The most common sexually transmitted infection (STI)
- Most people will become infected with HPV & not have any signs or symptoms



HOW DO YOU GET IT?

- Anyone who has ever taken part in sexual activity can contract HPV
- At least 70% of sexually active women & men will get HPV infection over their lifetime
- HPV is easily passed through sexual touching and intercourse.

Human Papilloma Virus (HPV)

WHAT ARE THE RISKS?

- Over 40 types of the HPV virus can infect genital area
- “High risk” types can cause pre-cancerous lesions
- Can lead to cancer of the cervix and other genital areas
- No cure for HPV disease
- “Low risk” types can cause genital warts



Human Papilloma Virus (HPV)

- Who should get the vaccine?
- HPV vaccine: **free** to all girls & boys in Grade 5 and Grade 9
- HPV vaccine costs AHS \$175.00 per dose
- Vaccine requires 3 doses within 1 year
- Total of \$525.00



Measles

WHAT IS IT?

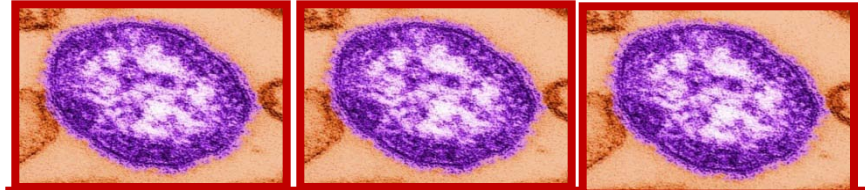
- Highly contagious viral disease.

HOW DO YOU GET IT?

- Direct contact with droplets from infected person's nose and throat.

SYMPTOMS?

- A red blotchy rash/high fever.
- Watery sore eyes.
- May cause pneumonia
- Inflammation of the brain leading to convulsions.



DEATH RATE

1 person dies in every 3000 who gets measles

Mumps

WHAT IS IT?

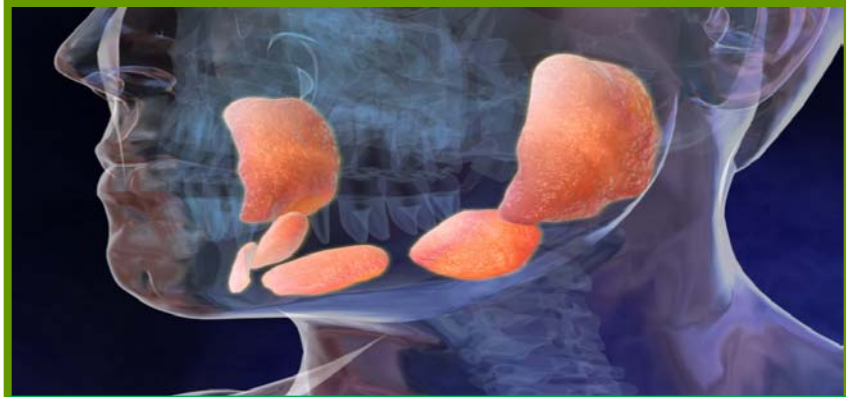
- A communicable viral disease

HOW DO YOU GET IT?

- Direct contact with droplets from infected persons nose and throat

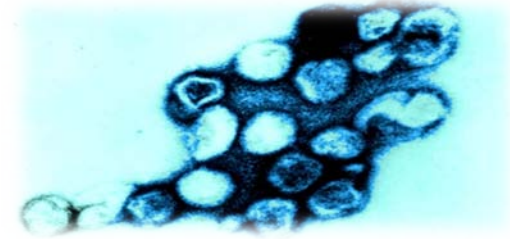
SYMPTOMS?

- Pain/soreness in the jaw/neck
- Swelling of the salivary glands (under the jaw)
- May cause permanent hearing loss
- May cause inflammation of the testicles



1 in 10 people with mumps can get meningitis. Today, most outbreaks occur in adolescents/young adults.

Rubella



WHAT IS IT?

- A mild viral disease
- During pregnancy there is a high risk to the unborn fetus
- Rubella within first 20 weeks of pregnancy
- >80% chance of miscarriage or baby borne with serious disability

HOW DO YOU GET IT?

- Direct contact with droplets from infected person's nose & throat

SYMPTOMS?

Rash of small pink spots all over the body
Fever/sore achy joints
Swollen lymph nodes in the back of the neck



Hepatitis B

WHAT IS IT?

A viral disease that infects the liver

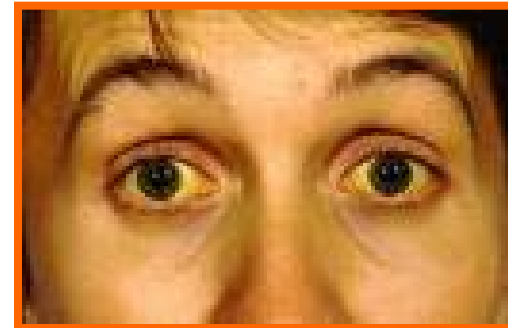
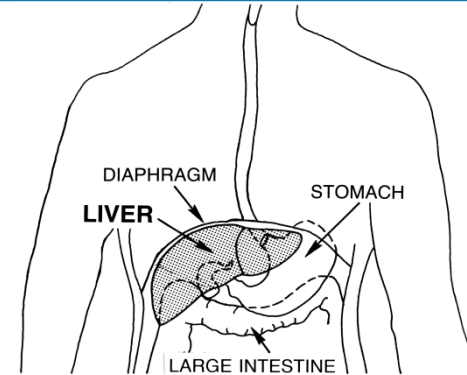
HOW DO YOU GET IT?

Transmitted through blood and body fluids

- Sharing personal items (i.e. razors, toothbrushes)
- Using non-sterile needles when getting a tattoo or body piercing
- Sharing needles when injecting drugs, steroids etc.

SYMPTOMS?

- Jaundice (yellowing of the skin)
- Abdominal pain
- Nausea & Vomiting
- Liver Cancer
- 5-10% chronic carriers



DEATH RATE

Each year, approximately 1,000,000 people worldwide, die from the Hepatitis B virus

Polio

WHAT IS IT?

- A viral infection.

HOW DO YOU GET IT?

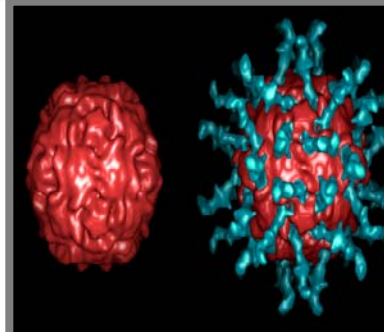
- From throat secretions & contaminated feces

SYMPTOMS?

- Fever
- Headache
- Stiffness of the back
- Paralysis may occur

DEATH RATE

1 out of 10 people who get Polio die from the disease



Chicken Pox (Varicella)

WHAT IS IT?

- Common childhood disease
- Varicella virus
- Can develop further complications.

HOW DO YOU GET IT?

- Easily spread from person to person through air or direct contact with fluid from the blisters.
- Can be spread before the rash appears.

WHAT HAPPENS?

- Infected blisters can leave scars.
- Can lead to pneumonia or problems with other organs (i.e. brain, liver, heart)

Death Rate

- Average of 5.8 deaths /year in Canada
- 90% deaths in previously healthy persons



What to Expect After Vaccination...



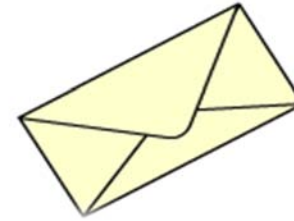
Possible Sides Effects:

- Slight fever, decreased energy, headache, or general body ache, nausea, vomiting, dizziness
- Some redness, swelling or tenderness at the injection site, lasting up to 48 hrs

Comfort Measures:

- You may use **Tylenol** for fever or discomfort
- Apply a **cold cloth/ice pack** to the injection site
- **Move your arm** frequently to relieve stiffness

CONSENTS



Consent form will be sent home to your parents



- Will indicate which **vaccinations you require**
 - **Must be signed by your parent or guardian**
 - **Must be returned** to your Home Room Teacher or School office
- Bring your **signed** consent form **back by the deadline** given by your school nurse
- **NO EXCEPTIONS!**

Vaccination Day



Other Facts:

- ✓ Not everyone will be getting the same vaccines.
- ✓ If you were born in a different country or even a different province you may need other vaccines
- ✓ Some students may be away on vaccination day.
- ✓ If this happens to you, the school nurse will come back to the school on another day to make sure you get vaccinated

Tips for Vaccination Day

- ✓ Ask your vaccinating nurse or school nurse any questions you might have
- ✓ **REMEMBER TO HAND IN YOUR CONSENT FORM!**
- ✓ Get a good night's sleep
- ✓ If possible, wear a **short sleeved shirt.**
- ✓ Eat breakfast
or at least have
a **glass of 100% fruit juice**
before you come to school



Tips for Vaccination Day

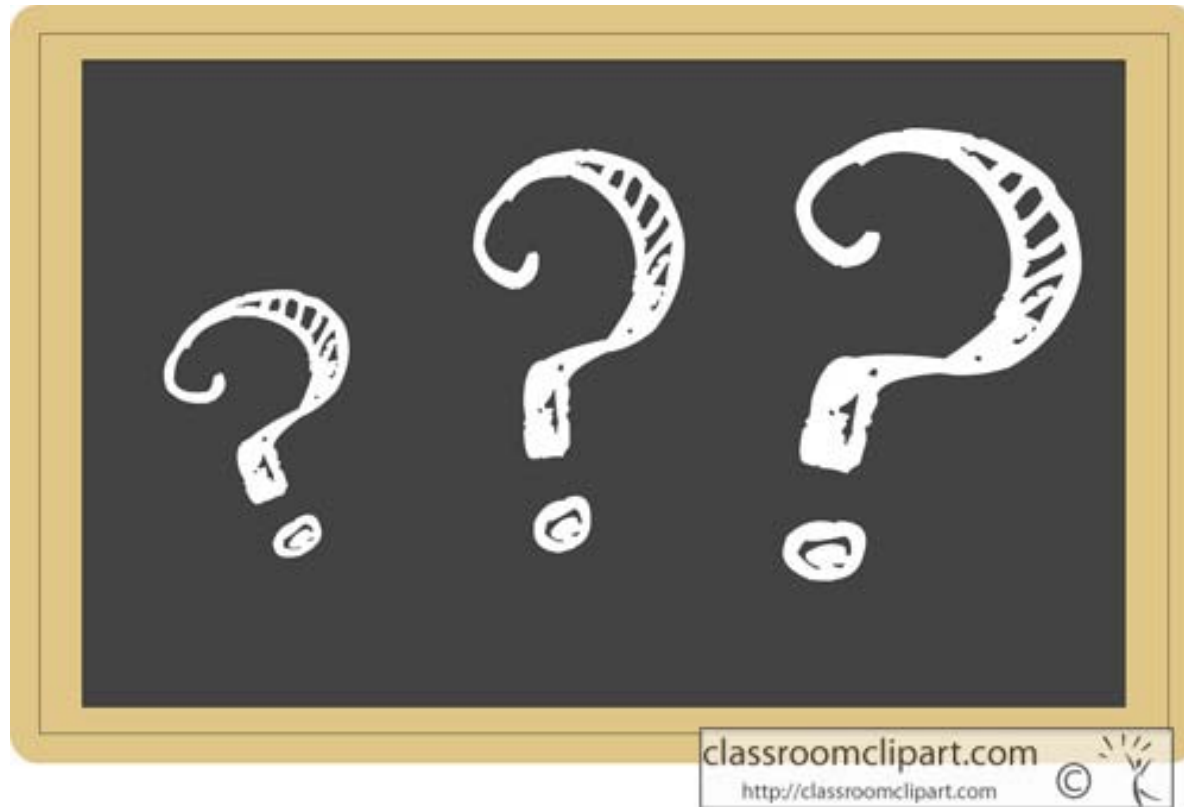
- If you are feeling nervous, try:
 - Deep breathing and visualization
 - Think of something positive
 - Your favorite color/sound/smell
 - That makes you feel peaceful, calm, relaxed
 - Focus on that feeling or image while breathing

- Try not to worry, you will be surprised how quickly it is over

- Helpful for students to return to class in pairs



Questions?



Thank You!

