

School-Based Vaccines

Information Sheet:

Meningococcal C-ACYW-135,
Hepatitis B and Human Papillomavirus



Three vaccines are offered to grade 7 students free of charge. These vaccines have been used for many years. You cannot get the disease from the vaccine. Every dose is monitored for reactions and any reactions are reported through vaccine reporting systems. Please read the information provided in this document before signing the consent form.

	Meningococcal C-ACYW-135	Hepatitis B	Human Papillomavirus
What does the disease look like?	Many people carry the meningococcal bacteria in their nose or throat without feeling sick. The bacteria are spread through close, direct contact. It can spread through kissing, coughing, and sharing drinks or food. The bacteria can lead to meningitis, which is a serious infection of the brain and spinal cord. Meningitis causes death in 10 percent of people and can cause brain damage in survivors.	Hepatitis B is a virus that spreads easily through blood and other bodily fluids. The virus can live on surfaces such as razors and toothbrushes for as long as one week. It can cause damage to and/or cancer of the liver.	HPV is a virus that infects both males and females that is spread through skin-to-skin contact. It can cause genital warts and lead to certain types of cancer of the cervix, vagina, penis, anus, head, and neck. If not immunized, it is estimated that 75% of Canadians will have an HPV infection at some time in their lives.
What is the benefit of the vaccine?	Most Ontarians received a meningococcal vaccine as an infant. That vaccine protected against one type of bacteria. The grade 7 vaccine is different. It protects 80 – 85% of teens against four types of bacteria that cause meningococcal disease.	If all doses are received, the vaccine protects more than 95% of people against hepatitis B. The protection can last 30 years or more for most people.	The HPV vaccine is very effective in preventing genital warts and cancers of the cervix, vagina, penis, anus, head, and neck. The vaccine has been shown to prevent approximately 70% of cervical cancers and 60% of high-risk precancerous cervical lesions, as well as 90% of genital warts when you receive a complete series.
Is this vaccine required for school?	Yes. It is REQUIRED under the <i>Immunization of School Pupils Act</i> . Those who choose not to receive this vaccine must contact their local health unit.	Not required, but highly recommended.	Not required, but highly recommended.

School-Based Vaccines

Information Sheet:

Meningococcal C-ACYW-135,
Hepatitis B and Human Papillomavirus



	Meningococcal C-ACYW-135		Hepatitis B		Human papillomavirus	
	Vaccine Contents	Where else can they be found?	Vaccine Contents	Where else can they be found?	Vaccine Contents	Where else can they be found?
What are the vaccine components and where else can they be found?	Parts of meningococcal bacteria	Meningococcal bacteria	Parts of HB virus	Hepatitis B virus	HPV proteins	Human papillomavirus
	Diphtheria Toxoids Tetanus Toxoids	Other childhood vaccines	Aluminum	Vegetables, cereal, deodorant	Sodium chloride	Human body, salt
	Sodium chloride	Human body, salt	Sodium chloride	Human body, salt	Aluminum	Vegetables, cereal, deodorant
	Trometamol	Cosmetics, personal care products, water treatment products	Sodium borate	Water, soil	L-histidine	Human body, beans, fish, milk
	Sucrose	Fruits and vegetables, sugar cane and sugar beets, dates and honey	Yeast	Human body, bread	Polysorbate 80	Ice cream, cottage cheese
	Sodium phosphate	Laxatives	Formaldehyde Latex (vial stopper)	Human body, fruits, fish Clothing, gum, glues	Yeast	Human body, bread
How many doses are needed?	One dose		Two doses for healthy individuals who are 11 to 15 years old. Three doses for individuals between 16 to 19 years of age. Those who are immunocompromised, on renal dialysis, or who have chronic renal failure may require additional doses. Publicly funded until the end of high school.		Two doses for healthy individuals who are under 15 years of age. Three doses for individuals who start the series at 15 years of age or older. Those who are immunocompromised or immunocompetent-HIV infected require three doses. Publicly funded until the end of high school.	

School-Based Vaccines

Information Sheet:

Meningococcal C-ACYW-135,
Hepatitis B and Human Papillomavirus



What are the side effects for all three vaccines?	<p>Most common: redness, pain and/or swelling at the site (especially during the first 24 hours)</p> <p>To minimize common side effects, apply a cold pack to vaccine area and/or take something for pain according to product instructions.</p> <p>Less common: tiredness, muscle aches, headache and/or slight fever</p> <p>Very rare and serious: allergic reaction leading to trouble breathing, swelling of the face or mouth, hives</p> <p>Nurses are trained to treat serious side effects on site.</p>
Who should NOT receive these vaccine(s)?	<ul style="list-style-type: none"> Those who have had a <u>serious</u> reaction to any of the vaccine components or latex (refer to product monograph online or call the Health Unit). Those who have a moderate or severe acute illness should postpone vaccination (those with minor acute illness such as the common cold with or without fever may be vaccinated) Those who have a weak immune system or are taking a medication that increases the risk of infection (e.g. corticosteroids) may want to consult with their doctor prior to receiving the vaccines.
How to prepare for the vaccine?	<p>Talk to your child about the vaccine(s). If they are nervous about the needle, you can suggest they try to focus on their breathing, look away from the needle and/or bring something to distract them. The nurse can support your child with this.</p> <p>It is important that your child has had something to eat prior to the clinic. Pack a lunch and snacks.</p> <p>The vaccine will go in the upper arm so please ensure that your child wears a loose-fitting short sleeve shirt on clinic day.</p>
Where can I get more Information including clinic dates?	<ul style="list-style-type: none"> Haliburton, Lindsay or Port Hope offices – 1-866-888-4577 ext. 1507 or www.hkpr.on.ca Peterborough Office – 705-743-1000 ext. 242 or www.peterboroughpublichealth.ca Immunize Canada – www.immunize.ca Ontario Ministry of Health – www.ontario.ca/vaccines Your health care provider