

# DIPHTHERIA, TETANUS, PERTUSSIS, POLIO, HAEMOPHILUS INFLUENZAE TYPE B VACCINE INFORMATION

## (DTaP-IPV-Hib Vaccine - Pentacel®)

**This 5-in-1 vaccine protects against five serious infections: tetanus, diphtheria, pertussis (whooping cough), poliomyelitis (polio) and haemophilus influenzae (Hib).**

- It can be given to children aged six weeks to six years and is routinely given as four doses administered at: two months, four months, six months and 18 months of age
- It does not contain any live bacteria or virus, so it cannot cause any of these diseases

**Mild side effects may occur, such as:**

- Redness, swelling or pain at the injection site are the most common

**People should avoid this immunization if they:**

- Have ever had a severe allergic (anaphylactic) reaction to a previous dose of this vaccine
- Have an allergy to any vaccine component

**People should consult their health care provider before vaccination if they:**

- Have complicated medical issues or previous severe reactions to vaccines

Tetanus	Diphtheria	Polio	Pertussis	Hib
<ul style="list-style-type: none"> <li>• Also known as lockjaw</li> <li>• Caused by toxin produced by the bacteria <i>Clostridium tetani</i> which enter the body through a cut or wound in the skin</li> <li>• Causes painful, prolonged muscle spasms of the jaw, neck, arms, leg and stomach</li> <li>• Can lead to neurological damage and death</li> </ul>	<ul style="list-style-type: none"> <li>• Caused by a toxin produced by a bacteria</li> <li>• Symptoms include fever, sore throat and thick, gray membrane to cover the throat and tonsils which obstructs breathing</li> <li>• Is very rare in Canada because of vaccines but still occurs in developing countries where vaccines are not routinely given</li> </ul>	<ul style="list-style-type: none"> <li>• Is a serious disease that can cause nerve damage or paralysis for life</li> <li>• The virus is spread by contaminated food or water</li> <li>• Canada has been polio-free for 25 years but occurs in other countries and can be imported to Canada</li> </ul>	<ul style="list-style-type: none"> <li>• Is caused by bacteria spread by respiratory droplets</li> <li>• Causes violent coughing fits (can make a whooping sound) that can lead to choking or vomiting and can cause seizures in babies</li> <li>• The cough can last for weeks or months</li> <li>• Infants under six months of age are at the greatest risk</li> </ul>	<ul style="list-style-type: none"> <li>• Is caused by bacteria</li> <li>• Hib disease can lead to infections of the lungs (pneumonia), joints (septic arthritis) and the covering of the brain (meningitis)</li> <li>• Infection is most common in young children</li> </ul>

## PUBLIC HEALTH

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