



FACT SHEET

DIPHTHERIA, TETANUS, ACCELLULAR PERTUSSIS, POLIO AND HAEMOPHILUS INFLUENZAE TYPE B

When is this vaccine given?

Part of [Ontario's Routine Immunization schedule](#), this vaccine is given at 2 ,4, 6 and 18 months.

See below age schedule:

Visit	Age	Vaccine schedule
1	2 months	DTaP-IPV-Hib, Pneu-C-13, Rot-1
2	4 months	DTaP-IPV-Hib, Pneu-C-13, Rot-1
3	6 months	DTaP-IPV-Hib
4	12 months	MMR, Pneu-C-13, Men-C-C
5	15 months	Var
6	18 months	DTaP-IPV-Hib
7	4 to 6 years	Tdap-IPV, MMR-V

DTaP-IPV-Hib is one needle. (5 in 1 vaccine).

Common vaccine brand used at RCDHU: Pediacel

A missed dose should be given as soon as possible. A nurse will assess, and a catch-up schedule will be available according to the age and time of the last vaccine received.

What is diphtheria, tetanus, pertussis, polio and Hib?

- **Diphtheria** is a bacterial infection of the nose, throat, and skin, producing a thick coat of mucous in the back of the nose or throat making it hard to breathe or swallow. It is easily spread through coughing, sneezing or touching infected objects or surfaces. It can cause complications such as heart failure and nerve damage.
- **Tetanus** (aka lockjaw) is a bacterial infection that enters your body through a cut in your skin. The bacteria are found in the soil, dust, manure/ human feces. The infection affects the nerves that control your muscles. It causes muscle cramps and even seizures that are strong enough to break bones. Death can occur in 2 out of 10 (20%) infected people.
- **Pertussis** (aka whooping cough) is a bacterial infection affecting the airways and lungs. It is easily passed through coughing or sneezing and dirty surfaces.

Continued on reverse



DTaP-IPV-Hib is a 5 in 1 combined vaccine that protects children against five diseases - diphtheria, tetanus, acellular pertussis, polio and haemophilus influenzae type b. **It is a required vaccine for all children attending a licensed childcare center and school in Ontario.**

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- It causes violent coughing spells that ends in a "whooping" sound making it hard to breathe. It can cause serious complications such as pneumonia, brain damage, seizures. It can be fatal especially in babies and young children.
- **Polio** is a viral infection that causes nerve damage to paralysis for life. It is passed from person to person, or from contaminated water or food from human feces. It can paralyze many parts of the body including muscles used for breathing and can be fatal. It is rare disease in Canada, due to worldwide immunization campaign.
- **Haemophilus influenzae type b (Hib)** is NOT the same as the seasonal flu (influenza). It is a germ causing bacterial meningitis. Meningitis is a serious infection of the fluid and lining of the spinal cord. It is spread through coughing, sneezing, and touching contaminated surfaces. Meningitis can also cause infection of the lungs, bone and joints and could cause brain damage, learning and developmental problems as well as deafness, blindness, and death.

Is the vaccine safe?

Yes. Serious side effects are rare. Mild pain, swelling and redness are common at the spot where the needle was given. Fever or rash, poor appetite, fussiness, drowsiness may occur for a couple of days.

When do I call my health care provider?

Seek immediate medical help if any of the following symptoms develop within 3 days of getting the vaccine:

- hives
- swelling of the face or mouth
- trouble breathing
- very pale colour and serious drowsiness
- high fever (over 40°C or 104°F)
- convulsions or seizures
- For any other concerns.

Who should not get the vaccine?

Anyone who:

- Is feeling ill with a fever or infection worse than a common cold.
- Children who have had a serious allergic reaction to the vaccine or of a component (preservatives, antibiotics)
- Anaphylaxis to a previous dose of the vaccine

Why is it important to keep a record?

Vaccination is the best way to protect you child from serious diseases. Every year, RCDHU reviews immunization records for each child who attends a licensed daycare or school. As required by the [Immunization of School Pupils Act, 1990 \(ISPA\)](#) and the [Child Care and Early Years Act, 2014 \(CCEYA\)](#), families need to report immunization records to their local public health unit to ensure that all children have the required vaccines.

After any vaccination, make sure your personal immunization record, your "[Yellow Card](#)", is updated. Keep it in a safe place!

How do I report my vaccination to RCDHU?

Ways to report Immunization Records	
Visit www.rcdhu.com 📍 Immunization	
📍 Report Immunization here accordion	
🖥️ Online	Immunization Connect Ontario (ICON)
✉️ Email	immunization@rcdhu.com
📠 Fax	613-735-3067
✉️ mail	141 Lake Street, Pembroke, ON K8A 5L8
For More Information	
📞 call	613-732-9436 or 1-833-773-0004
 	@RCDHealthunit

Always include Client's legal name and date of birth on the records you are submitting. The health card number is highly recommended to help us identify the right client file.

Source: Adapted from the Ministry of Health.

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