



Renfrew County and District Health Unit

# FACT SHEET

## DIPHTHERIA, TETANUS, ACELLULAR PERTUSSIS AND POLIO



DTaP-IPV is a combined vaccine that protects children against four diseases - diphtheria, tetanus, acellular pertussis and polio. **It is a required vaccine for all children attending school and licensed childcare centers in Ontario.**

### When is this vaccine given?

Part of [Ontario's Routine Immunization schedule](#), this vaccine is a "booster dose" and should be given between 4 to 6 years of age, around the time of school entry.

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 is one needle (4 in 1 vaccine).

Common brand used at RCDHU: Adacel-polio or Boostrix Polio.

(This is subsequently administered after a four-doses series of the DTaP-IPV-Hib given in infancy at 2, 4, 6 and 18 months of age.)

A missed dose should be given as soon as possible. Catch-up schedule is available according to the age and time of last vaccine received.

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

- **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%) people infected.

*Continued on reverse*

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- **Pertussis** (aka whooping cough) is a bacterial infection affecting the airways and lungs. It is easily passed through coughing or sneezing and touching dirty surfaces. 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.

### 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. Some children get a fever or rash, lose their appetite, and may be fussy or drowsy for a day or two after the vaccine.

### 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 (lethargy)
- high fever (over 40°C or 104°F)
- convulsions or seizures
- For any other concerns.

### Who should not get the vaccine?



Anyone who:

- is ill with a fever or infection worse than a common cold.
- has had a serious allergic reaction to the vaccine or any component
- had anaphylaxis reaction 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?

<b>Ways to report Immunization Records</b>	
	Visit <a href="http://www.rcdhu.com">www.rcdhu.com</a> 📍 Immunization
	📍 Report Immunization here accordion
📺 Online	Immunization Connect Ontario <b>(ICON)</b>
✉ Email	<a href="mailto:immunization@rcdhu.com">immunization@rcdhu.com</a>
📠 Fax	613-735-3067
✉ mail	141 Lake Street, Pembroke, ON K8A 5L8
<b>For More Information</b>	
📞 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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