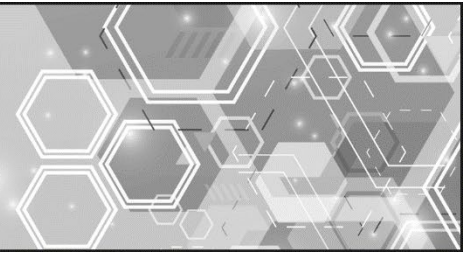




Durham Region Health Department **Facts about...**



Diphtheria, Pertussis, Tetanus, Polio, and Haemophilus Influenza B Vaccines

What is it?

There are many different vaccines that protect against diphtheria, pertussis, tetanus, polio and *Haemophilus influenzae* type b (Hib) diseases. For more information see [Facts About...](#) for each disease. Talk to your health care provider about which vaccine is best for you based on the Publicly Funded Immunization Schedules for Ontario.

How effective are the vaccines?

When the vaccines are given according to the recommended schedule, they protect:

- 97% of children against diphtheria
- 85-90% of children against pertussis
- 99% of children against tetanus
- 95-100% of children against polio and Hib
- 90% of infants less than 3 months of age against pertussis (when Tdap is given in pregnancy)

Who should get the vaccines?

- Everyone should get these vaccines according to Ontario's Immunization Schedules
- Vaccination against diphtheria, pertussis, tetanus, and polio is required by law for all children who attend school or daycare in Ontario (unless they are confirmed as exempt by the Health Department)
- Pregnant people should get a dose of tetanus, diphtheria, pertussis (Tdap) vaccine with each pregnancy between 27 and 32 weeks gestation to protect newborns too young to be vaccinated
- People who have contact with infants and young children should be up to date for pertussis vaccination
- People who have a wound or cut should be up to date with their tetanus vaccine
- People with some high-risk medical conditions may need more doses

What is the schedule for the vaccines?

- Children need a combination vaccine against diphtheria, pertussis, tetanus, polio and Hib diseases all in one injection (DTaP-IPV-Hib, Pentacel®). It is recommended for all children at 2, 4, 6 and 18 months of age.

over...

905-668-2020 or 1-800-841-2729 | durham.ca/health

If you require this information in an accessible format, contact 1-800-841-2729.



- Children between 4 to 6 years old should get a combination vaccine against diphtheria, pertussis, tetanus, and polio diseases (Tdap-IPV, Adacel®-IPV, Boostrix®-IPV).
- Adolescents between 14 and 16 years of age get a vaccine that protects against diphtheria, pertussis, and tetanus diseases (Tdap, Adacel®, Boostrix®). Adults are eligible for one lifetime dose of Tdap after age 18. A dose of Tdap vaccine is also recommended with each pregnancy between 27 and 32 weeks gestation.
- After the one lifetime dose of Tdap vaccine is received in adulthood, a vaccine that protects against diphtheria and tetanus diseases (Td Adsorbed) is given every 10 years.

Are there side effects with the vaccines?

- Diphtheria, pertussis, tetanus, polio and Hib vaccines are safe and well tolerated. Side effects are usually mild and last a short time.
- The most common side effects are redness, pain, and swelling where the needle was given. Other side effects may include fever, chills, headache, irritability, and fatigue.

If you think you are having a serious reaction, see a health care provider right away. Any new or important changes in your health or your child's health after a vaccine should be reported to a health care provider and to the Durham Region Health Department.

Who should **NOT** get the vaccines?

The following people should talk with their health care provider before getting a vaccine:

- Anyone with a severe (anaphylactic) allergy to any vaccine, or to any part of the vaccine.
- Anyone with a history of Guillain-Barré syndrome within 6 weeks of getting any vaccine.
- Anyone with a bleeding disorder, neurologic (brain) disorder or immunocompromising condition.

For more information on contents of the vaccine, refer to the [Canadian Immunization Guide](#).

Don't forget to update your immunization record!

For children in school or childcare, inform the Health Department of your child's vaccine. Health care providers do not report vaccines to the Health Department automatically. Keep your records updated and in a safe place.

After you or your child receives a vaccine, update the Health Department:

- Online at durham.ca/immunizationclinics (you may also attach a photo of your record).
- By calling 1-800-841-2729 or 905-666-6242.
- By faxing your vaccine/immunization record to 905-666-6216.

The [Immunization Connect Ontario \(ICON\)](#) tool allows you to see your child's vaccine/immunization record online anytime.

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