Vaccine FACTS

Diphtheria, Tetanus, Pertussis, Polio and Haemophilus Influenzae B (DTaP-IPV-Hib) Pediacel®

The DTaP-IPV-Hib vaccine protects against five diseases in one needle: diphtheria, tetanus, pertussis, polio and haemophilus influenzae b.

Who should get this vaccine? [1, 2, 3, 4, 5]

- Routinely given to all children at 2, 4, 6 and 18 months of age.

How well does this vaccine work? [1, 2, 3, 4, 5]

When given on the recommended schedule:

- 99% of those fully vaccinated are protected against tetanus.
- 97-100% of those fully vaccinated are protected against diphtheria.
- 85-90% of those fully vaccinated are protected against pertussis.
- 95-100% of those fully vaccinated are protected against polio.
- 95-100% of those fully vaccinated are protected from Hib.

Is there an alternative to this vaccine?

At this time there are no other ways to prevent these diseases.
Hand washing and covering the mouth and nose while coughing/sneezing can help reduce the spread of disease.

Is this vaccine safe?

The risk of a serious reaction or side effect from this vaccine is much less than the risk of tetanus, diphtheria, pertussis, polio or Hib. If you experience any side effect worse than what is listed below, please seek medical advice and notify the health unit.

Common side effects of this vaccine [1, 2, 3, 4, 5]

- Mild pain in muscle
- Redness
- Swelling

Less common:

- Headache
- Mild fever
- Body aches
- Rash
- Feeling tired

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www.simcoemuskokahealth.org
Your Health Connection

- Arthus-like reaction (severe pain, swelling, hard lump where needle was given).

Who should <u>not</u> receive this vaccine? [1, 2, 3, 4, 5]

- Anyone with an allergy to any of the vaccine components or who has had an allergic or anaphylactic reaction to this vaccine.
- Anyone who has developed neurological symptoms within 7 days of a previous dose of a pertussis containing vaccine with the cause not yet identified.
- Anyone who has developed Guillain Barré Syndrome (GBS) within 6 weeks of receiving tetanus containing vaccine.

What is in this vaccine? [6, 7]

Pediacel®	**Also found in…**
Streptomycin	Antibiotics
Polymyxin B	Antibiotics
Neomycin	Antibiotics
Bovine Serum Albumin	Antibiotics/Anti-inflammatories
Aluminum phosphate	Breast milk, antacids
Glutaraldehyde	Water treatment
2-Phenoxyethanol	Cosmetics, toothpaste
Formaldehyde	Mushrooms, Pears, Apples
Tetanus toxoid	Other vaccines
Polysorbate 80	Ice Cream

What else do I need to know?
It is important for you to keep a current record of your child's vaccines. When your child begins school you will be asked to provide a copy of this record to the school, who will forward it onto the health unit.

The health unit is required by law to keep immunization records for all children attending a day nursery or school. Health care providers do not share immunization records with the health unit. This is the parent's responsibility. You can share/update your child's record in the following ways:

Use the secure on-line form on our website – www.simcoemuskokahealth.org/immsonline
Fax a copy to 705-721-1495
Mail a copy to: VPD Program, Simcoe Muskoka District Health Unit, 15 Sperling Drive, Barrie, ON, L4M 6K9.
Call Your Health Connection at 705-721-7520.

References:
Canadian Immunization Guide. Part 4-Active Vaccines: Tetanus Toxoid. Ottawa: Public Health Agency of Canada; 2015.
Canadian Immunization Guide. Part 4-Active Vaccines: Diphtheria Toxoid. Ottawa: Public Health Agency of Canada; 2015.
Canadian Immunization Guide. Part 4-Active Vaccines: Pertussis Vaccine. Ottawa: Public Health Agency of Canada; 2015.
Canadian Immunization Guide. Part 4-Active Vaccines: Polio Vaccine. Ottawa: Public Health Agency of Canada; 2015.
Canadian Immunization Guide. Part 4-Active Vaccines: Haemophilus Influenzae B Vaccine. Ottawa: Public Health Agency of Canada; 2015.

Canadian Immunization Guide. Part 1-Key Immunization Information 2013. Table 1: Types and contents of vaccines available for use in Canada. Ottawa: Public Health Agency of Canada; 2015.
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