



# 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?** <sup>1,3</sup>

- Routinely given to all children at 2, 4, 6 and 18 months of age.
- This vaccine may also be used for a primary series for those who are late with starting their immunizations.

## **How well does this vaccine work?** <sup>1,3</sup>

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** <sup>1,3</sup>

- Mild pain in muscle
- Redness
- Swelling

## **Less common:**

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

**Rare:**

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

**Who should not receive this vaccine? <sup>1,3</sup>**

- 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? <sup>2</sup>**

| <b>Pediacel®</b>     | <b>Also found in...</b>         |
|----------------------|---------------------------------|
| 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                       |

**We ask you to:**

- Check
  - Your child's yellow immunization card or health record.
- Contact
  - Your child's family physician or health-care provider to obtain records, or to get missing vaccinations.
- Share
  - Visit our website to share your immunization record with us.

**References:**

1. Canadian Immunization Guide. Part 4-Active Vaccines. Ottawa: Public Health Agency of Canada; 2017.
2. 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; 2017.
3. Moore, D. Your Child's Best Shot (4<sup>th</sup> ed.). Canadian Paediatric Society, 2015.