



Tetanus, Diphtheria, Pertussis and Polio (Tdap-IPV)

Adacel ®-Polio or Boostrix®- Polio

The Tdap-IPV vaccine protects against four diseases in one needle: tetanus, diphtheria, pertussis and polio.

Who should get this vaccine? ^{1,3}

- Routinely given to children 4-6 years of age as a booster to the immunizations received as a baby.
- This vaccine may also be used as part of a primary series for those who are behind with their immunizations.

How well does this vaccine work? ^{1,3}

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.

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 or polio. 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 ^{1,3}

- 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, edema, haemorrhage and occasionally dead tissue).

Who should not receive this vaccine? ^{1, 3}

- 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? ²

Adacel®-Polio	Boostrix®-Polio	Also found in...
Streptomycin		Antibiotics
Polymyxin B	Polymyxin B	Antibiotics
Neomycin	Neomycin	Antibiotics
Bovine Serum Albumin		Antibiotics/Anti-inflammatories
Aluminum phosphate	Aluminum phosphate	Breast milk, antacids
Glutaraldehyde		Water treatment
2-Phenoxyethanol		Cosmetics, toothpaste
Formaldehyde	Formaldehyde	Mushrooms, Pears, Apples
	Medium 199	Cell culture
Polysorbate 80		Ice Cream
	Sodium Chloride	Table salt
	Latex	Balloons
Tetanus toxoid	Tetanus toxoid	Other vaccines



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 (4th Edition). Canadian Paediatric Society; 2018.