

Diphtheria and Tetanus Toxoids, and Acellular Pertussis Vaccine

This information from Lexicomp® explains what you need to know about this medication, including what it's used for, how to take it, its side effects, and when to call your healthcare provider.

Brand Names: US

Adacel; Boostrix; Daptacel; Infanrix

Brand Names: Canada

Adacel; Boostrix

What is this drug used for?

- It is used to prevent diphtheria, tetanus, and pertussis.

What do I need to tell the doctor **BEFORE** my child takes this drug?

- If your child has an allergy to any part of this drug.
- If your child is allergic to this drug; any part of this drug; or any other drugs, foods, or substances. Tell the doctor about the allergy and what signs your child had.
- If your child has seizures or any other brain or nervous system problem.
- If your child has had a brain problem like coma, lowered level of awareness, or seizures from an unknown cause within 7 days of a previous vaccine that has pertussis.

This is not a list of all drugs or health problems that interact with this drug.

Tell the doctor and pharmacist about all of your child's drugs (prescription or OTC, natural products, vitamins) and health problems. You must check to make sure that it is safe for your child to take this drug with all of his/her drugs and health problems. Do not start, stop, or change the dose of any drug your child takes without checking with the doctor.

What are some things I need to know or do while my child takes this drug?

For all patients taking this drug:

- Tell all of your child's health care providers that your child is taking this drug. This includes your child's doctors, nurses, pharmacists, and dentists.
- This drug may not protect all people who use it. Talk with the doctor.
- If your child has a latex allergy, talk with the doctor. Some products have latex.
- Not all brands of vaccines are for children. Talk with your child's doctor.

If your child is pregnant or breast-feeding a baby:

- Talk with the doctor if your child is pregnant, becomes pregnant, or is breast-feeding a baby. You will need to talk about the benefits and risks to your child and the baby.

Infants:

- If your child was born premature, talk with the doctor. Trouble breathing has happened in these children after getting some vaccines.

What are some side effects that I need to call my child's doctor about right away?

WARNING/CAUTION: Even though it may be rare, some people may have very bad and sometimes deadly side effects when taking a drug. Tell your child's doctor or get medical help right away if your child has any of the following signs or symptoms that may be related to a very bad side effect:

For all patients taking this drug:

- Signs of an allergic reaction, like rash; hives; itching; red, swollen, blistered, or peeling skin with or without fever; wheezing; tightness in the chest or throat; trouble breathing, swallowing, or talking; unusual hoarseness; or swelling of the mouth, face, lips, tongue, or throat.
- Feeling confused.
- Very bad dizziness or passing out.
- Change in eyesight.
- Seizures.
- A burning, numbness, or tingling feeling that is not normal.
- Weakness.
- Trouble controlling body movements.
- High fever.

Young children:

- Crying that lasts.

What are some other side effects of this drug?

All drugs may cause side effects. However, many people have no side effects or only have minor side effects. Call your child's doctor or get medical help if any of these side effects or any other side effects bother your child or do not go away:

For all patients taking this drug:

- Pain, redness, or swelling where the shot was given.
- Headache.
- Feeling tired or weak.
- Mild fever.
- Chills.

- Upset stomach or throwing up.
- Stomach pain or diarrhea.
- Joint pain or swelling.
- Swollen gland.

Young children:

- Feeling fussy.
- Not hungry.
- Feeling sleepy.
- Crying that is not normal.

These are not all of the side effects that may occur. If you have questions about side effects, call your child's doctor. Call your child's doctor for medical advice about side effects.

You may report side effects to your national health agency.

How is this drug best given?

Give this drug as ordered by your child's doctor. Read all information given to you. Follow all instructions closely.

- It is given as a shot into a muscle.

What do I do if my child misses a dose?

- Call your child's doctor to find out what to do.

How do I store and/or throw out this drug?

- If you need to store this drug at home, talk with your child's doctor, nurse, or pharmacist about how to store it.

General drug facts

- If your child’s symptoms or health problems do not get better or if they become worse, call your child’s doctor.
- Do not share your child’s drug with others and do not give anyone else’s drug to your child.
- Keep all drugs in a safe place. Keep all drugs out of the reach of children and pets.
- Throw away unused or expired drugs. Do not flush down a toilet or pour down a drain unless you are told to do so. Check with your pharmacist if you have questions about the best way to throw out drugs. There may be drug take-back programs in your area.
- Some drugs may have another patient information leaflet. If you have any questions about this drug, please talk with your child’s doctor, nurse, pharmacist, or other health care provider.
- If you think there has been an overdose, call your poison control center or get medical care right away. Be ready to tell or show what was taken, how much, and when it happened.

CDC Information

Vaccine Information Statements (VIS) are made by the staff of the Centers for Disease Control and Prevention (CDC). Each VIS gives information to properly inform the adult receiving the vaccine or, in the case of a minor, the child’s parent or legal representative about the risks and benefits of each vaccine. Before a doctor vaccinates a child or an adult, the provider is required by the National Childhood Vaccine Injury Act to give a copy of the VIS. You can also get foreign language versions.

<https://www.cdc.gov/vaccines/hcp/vis/vis-statements/tdap.html>

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Consumer Information Use and Disclaimer

This information should not be used to decide whether or not to take this medicine or any other medicine. Only the healthcare provider has the knowledge and

training to decide which medicines are right for a specific patient. This information does not endorse any medicine as safe, effective, or approved for treating any patient or health condition. This is only a brief summary of general information about this medicine. It does NOT include all information about the possible uses, directions, warnings, precautions, interactions, adverse effects, or risks that may apply to this medicine. This information is not specific medical advice and does not replace information you receive from the healthcare provider. You must talk with the healthcare provider for complete information about the risks and benefits of using this medicine.

Last Reviewed Date

2019-07-18

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If you have any questions, contact a member of your healthcare team directly. If you're a patient at MSK and you need to reach a provider after 5:00 PM, during the weekend, or on a holiday, call 212-639-2000.

For more resources, visit www.mskcc.org/pe to search our virtual library.

Diphtheria and Tetanus Toxoids, and Acellular Pertussis Vaccine - Last updated on April 7, 2020

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