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PATIENT & CAREGIVER EDUCATION

# Anakinra

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

Kineret

## Brand Names: Canada

Kineret

## What is this drug used for?

- It is used to treat Neonatal-Onset Multisystem Inflammatory Disease (NOMID).
- It is used to treat rheumatoid arthritis.
- It may be given to your child for other reasons. Talk with the doctor.

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

- If your child has an allergy to this drug or any part of this drug.
- If your child is allergic to any drugs like this one or any other drugs, foods, or other substances. Tell the doctor about the allergy and what signs your child had, like rash; hives; itching; shortness of breath; wheezing; cough; swelling of face, lips, tongue, or throat; or any other signs.
- If your child has an infection.
- If your child is taking any of these drugs: Adalimumab, certolizumab, etanercept, golimumab, or infliximab.

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?**

- 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.
- If your child has asthma, talk with the doctor. Your child may have a chance of a very bad infection.
- Have blood work checked as you have been told by the doctor. Talk with the doctor.
- Talk with the doctor before your child gets any vaccines. Use of some vaccines with this drug may either raise the chance of very bad infection or make the vaccine not work as well.
- Your child may have more chance of getting infections. Have your child wash hands often. Avoid crowds and people with infections, colds, or flu.
- Very bad infections have been reported with use of this drug. If your child has any infection, has many infections, or is taking antibiotics, talk with the doctor.
- TB (tuberculosis) has been seen in patients started on this drug. These patients were exposed to TB in the past, but never got the infection. Your child may be tested to see if he/she has been exposed to TB before starting this drug.
- The chance of lymphoma may be raised in people with rheumatoid arthritis. It is not known if this drug may also raise the chance. Talk with the 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.

## **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:

- 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.
- Signs of infection like fever, chills, very bad sore throat, ear or sinus pain, cough, more sputum or change in color of sputum, pain with passing urine, mouth sores, or wound that will not heal.
- Very bad irritation where the shot was given.
- Dizziness or passing out.
- A fast heartbeat.
- A heartbeat that does not feel normal.
- Sweating a lot.

## **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:

- Redness or swelling where the shot is given.
- Itching where the shot is given.
- Bruising where the shot is given.
- Stinging.
- Headache.
- Upset stomach or throwing up.

- Diarrhea.
- Joint pain.
- Nose or throat irritation.
- Sore throat.
- Runny nose.
- Flu-like signs.
- Sinus pain.
- Stomach pain.

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 the fatty part of the skin.
- To gain the most benefit, do not miss giving your child doses.
- Keep giving this drug to your child as you have been told by your child's doctor or other health care provider, even if your child feels well.
- If you will be giving your child the shot, your child's doctor or nurse will teach you how to give the shot.
- Follow how to use as you have been told by the doctor or read the package insert.
- Give this drug at the same time of day.
- Before using this drug, take it out of the refrigerator and leave it at room temperature for 30 minutes.
- Wash your hands before and after use.
- Move the site where you give the shot with each shot.

- Do not give into red or irritated skin.
- Do not use this drug if it has been dropped or if it is broken.
- Do not shake.
- Throw away any part left over after the dose is given.
- Throw syringe away after use. Do not use the same syringe more than one time.
- This product may contain small white particles. Do not use if the solution is cloudy, leaking, or has large lumps, flakes, or other particles.
- Do not use if solution changes color.
- Throw away needles in a needle/sharp disposal box. Do not reuse needles or other items. When the box is full, follow all local rules for getting rid of it. Talk with a doctor or pharmacist if you have any questions.

## **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?**

- Store in a refrigerator. Do not freeze.
- Store in the carton to protect from light.
- 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.

## **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 a list of all your child's drugs (prescription, natural products, vitamins, OTC) with you. Give this list to your child's doctor.
- Talk with your child's doctor before giving your child any new drug, including prescription or OTC, natural products, or vitamins.
- 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.

## **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**

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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](http://www.mskcc.org/pe) to search our virtual library.

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