



PATIENT & CAREGIVER EDUCATION

Ipratropium and Fenoterol

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.

What is this drug used for?

- It is used to open the airways in lung diseases where spasm may cause breathing problems.

What do I need to tell my doctor BEFORE I take this drug?

- If you have an allergy to ipratropium, fenoterol, or any other part of this drug.
- If you are allergic to this drug; any part of this drug; or any other drugs, foods, or substances. Tell your doctor about the allergy and what signs you had.
- If you have a fast heartbeat.
- If you have a heartbeat that is not normal.
- If you have heart problems.

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

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

What are some things I need to know or do while I take this drug?

- Tell all of your health care providers that you take this drug. This includes your doctors, nurses, pharmacists, and dentists.
- Avoid driving and doing other tasks or actions that call for you to be alert until you see how this drug affects you.
- Do not take more of this drug or use it more often than you have been told. Deaths have happened when too much of this drug was taken. Talk with your doctor.
- Have blood work checked as you have been told by the doctor. Talk with the doctor.
- This drug may affect certain lab tests. Be sure your

doctor and lab workers know you use this drug.

- Call your doctor right away if your normal dose does not work well, if your signs get worse, or if you need to use this drug more often than normal.
- If you have high blood sugar (diabetes), talk with your doctor. This drug may raise blood sugar.
- Check your blood sugar as you have been told by your doctor.
- Do not give to a child younger than 12 years of age.
- Tell your doctor if you are pregnant or plan on getting pregnant. You will need to talk about the benefits and risks of using this drug while you are pregnant.
- Tell your doctor if you are breast-feeding. You will need to talk about any risks to your baby.

What are some side effects that I need to call my 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 doctor or get medical help right away if you have 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 low potassium levels like muscle pain or weakness, muscle cramps, or a heartbeat that does not feel normal.
- Signs of high blood sugar like confusion, feeling sleepy, unusual thirst or hunger, passing urine more often, flushing, fast breathing, or breath that smells like fruit.
- Chest pain or pressure or a fast heartbeat.
- A heartbeat that does not feel normal.
- If you are not able to get the breathing attack under control. **Get help right away.**
- Peak flow measurement low.
- Very nervous and excitable.
- Very bad dizziness or passing out.
- Very bad headache.
- Change in eyesight, eye pain, or severe eye irritation.
- Seeing halos or bright colors around lights.
- Constipation.

- Trouble passing urine.
- Pain when passing urine.
- This drug can cause very bad breathing problems right after you take a dose. Sometimes, this may be life-threatening. If you have trouble breathing, breathing that is worse, wheezing, or coughing after using this drug, use a rescue inhaler and get medical help right away.

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 doctor or get medical help if any of these side effects or any other side effects bother you or do not go away:

- Feeling nervous and excitable.
- Headache.
- Dizziness.
- Shakiness.
- Dry mouth.
- Sore throat.
- Upset stomach or throwing up.
- Sweating a lot.

- Bad taste in your mouth.
- Change in voice.
- Cough.

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

You may report side effects to your national health agency.

You may report side effects to the FDA at 1-800-332-1088. You may also report side effects at <https://www.fda.gov/medwatch>.

How is this drug best taken?

Use this drug as ordered by your doctor. Read all information given to you. Follow all instructions closely.

- Keep out of your eyes.
- Keep using this drug as you have been told by your doctor or other health care provider, even if you feel well.
- For breathing in only as a liquid (solution) by a special machine (nebulizer) into the lungs.
- Do not use if the solution is cloudy or has particles.
- Do not use if solution changes color.

- Do not mix other drugs in nebulizer.

What do I do if I miss a dose?

- Skip the missed dose and go back to your normal time.
- Do not use 2 doses at the same time or extra doses.
- Many times this drug is used on an as needed basis. Do not use more often than told by the doctor.

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

- Store at room temperature.
- Protect from heat.
- Protect from light.
- Store in a dry place. Do not store in a bathroom.
- Throw away any part not used after use.
- 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 symptoms or health problems do not get better or if they become worse, call your doctor.
- Do not share your drugs with others and do not take anyone else's drugs.
- Some drugs may have another patient information leaflet. If you have any questions about this drug, please talk with your doctor, nurse, pharmacist, or other health care provider.
- Some drugs may have another patient information leaflet. Check with your pharmacist. If you have any questions about this drug, please talk with your 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.

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This generalized information is a limited summary of diagnosis, treatment, and/or medication information. It is not meant to be comprehensive and should be used as a tool to help the user understand and/or assess potential diagnostic and treatment options. It does NOT

include all information about conditions, treatments, medications, side effects, or risks that may apply to a specific patient. It is not intended to be medical advice or a substitute for the medical advice, diagnosis, or treatment of a health care provider based on the health care provider's examination and assessment of a patient's specific and unique circumstances. Patients must speak with a health care provider for complete information about their health, medical questions, and treatment options, including any risks or benefits regarding use of medications. This information does not endorse any treatments or medications as safe, effective, or approved for treating a specific patient. UpToDate, Inc. and its affiliates disclaim any warranty or liability relating to this information or the use thereof. The use of this information is governed by the Terms of Use, available at

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

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

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