Memorial Sloan Kettering Cancer Center

PATIENT & CAREGIVER EDUCATION

Fluticasone and Salmeterol

This information from UpToDate® Lexidrug™ 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

Advair Diskus; Advair HFA; AirDuo RespiClick 113/14 [DSC]; AirDuo RespiClick 232/14 [DSC]; AirDuo RespiClick 55/14 [DSC]; Wixela Inhub

Brand Names: Canada

Advair; Advair 100 Diskus; Advair 250 Diskus; Advair 500 Diskus; PMS-Fluticasone/Salmeterol DPI; Wixela Inhub

What is this drug used for?

- It is used to treat asthma.
- Some brands are used to treat COPD (chronic obstructive pulmonary disease).
- Do not use this drug to treat intense flare-ups of shortness of breath. Use a rescue inhaler (quick relief inhaler). If you have questions, talk with the doctor.

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

All products:

- 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 are using another drug like this one. If you are not sure, ask your doctor or pharmacist.
- If you take any drugs (prescription or OTC, natural products, vitamins) that must not be taken with this drug, like certain drugs that are used for HIV, infections, depression, and others. There are many drugs that must not be taken with this drug. Your doctor or pharmacist can tell you if you are taking a drug that must not be taken with this drug.

Inhaler (powder):

- If you have a milk allergy.

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?

For all uses of this drug:

- Tell all of your health care providers that you take this drug. This includes your doctors, nurses, pharmacists, and dentists.
- It may take 1 week to see the full effect.
- If you have high blood sugar (diabetes), talk with your doctor. This drug may raise blood sugar.
- To help control and improve your breathing problem, it is important that you do not run out of this drug. Be sure to get a refill before you run out.
- Call your doctor right away if your breathing problems get worse, if your rescue inhaler (quick relief inhaler) does not work as well, or if you need to use your rescue inhaler more often.

- 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 type of drug has been taken. Talk with your doctor.
- When changing from an oral steroid to another form of a steroid, there may be very bad and sometimes deadly side effects. Signs like weakness, feeling tired, dizziness, upset stomach, throwing up, not thinking clearly, or low blood sugar may happen. Call your doctor right away if you have any of these signs. If you have a bad injury, have surgery, or any type of infection, you may need extra doses of oral steroids. These extra steroids will help your body deal with these stresses. Carry a warning card saying that there may be times when you may need extra steroids.
- Long-term use may raise the chance of cataracts or glaucoma. Talk with the doctor.
- Have an eye exam as you have been told by your doctor.
- This drug may cause weak bones (osteoporosis) with long-term use. Talk with your doctor to see if you have a higher chance of weak bones or if you have any questions.
- Have a bone density test as you have been told by your doctor. Talk with your doctor.
- You may have more chance of getting an infection. Wash hands often. Stay away from people with infections, colds, or flu.
- Chickenpox and measles can be very bad or even deadly in some people taking steroid drugs like this drug. Avoid being near anyone with chickenpox or measles if you have not had these health problems before. If you have been exposed to chickenpox or measles, talk with your doctor.
- If you are 65 or older, use this drug with care. You could have more side effects.
- This drug may affect growth in children and teens in some cases. They may need regular growth checks. Talk with the doctor.
- Tell your doctor if you are pregnant, plan on getting pregnant, or are breast-feeding. You will need to talk about the benefits and risks to you and the

baby.

COPD:

- The chance of getting pneumonia is higher in people with COPD. This drug may raise the chance of getting pneumonia. Talk with the doctor.

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 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.
- 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.
- Signs of low potassium levels like muscle pain or weakness, muscle cramps, or a heartbeat that does not feel normal.
- Signs of a weak adrenal gland like a severe upset stomach or throwing up, severe dizziness or passing out, muscle weakness, feeling very tired, mood changes, decreased appetite, or weight loss.
- Signs of high or low blood pressure like very bad headache or dizziness, passing out, or change in eyesight.
- Chest pain or pressure.
- Fast or abnormal heartbeat.

- Shakiness.
- Feeling nervous and excitable.
- Change in how you act.
- Change in eyesight, eye pain, or severe eye irritation.
- A burning, numbness, or tingling feeling that is not normal.
- Choking.
- Change in voice.
- Seizures.
- Bone pain.
- Trouble sleeping.
- Feeling very tired or weak.
- Vaginal itching or discharge.
- Weight gain.
- Mouth irritation or mouth sores.
- Redness or white patches in mouth or throat.
- 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 (quick relief 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:

- Headache.
- Upset stomach or throwing up.
- Throat irritation.
- Signs of a common cold.

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.

All products:

- For breathing in only.
- Keep using this drug as you have been told by your doctor or other health care provider, even if you feel well.
- Use this drug at the same time of day.
- Rinse out mouth after each use. Do not swallow the rinse water. Spit it out.
- If you are using more than 1 inhaled drug, ask the doctor which drug to use first.

Inhaler (aerosol):

- Shake well before use.
- Prepare the inhaler before first use, by spraying 4 test sprays into the air away from the face. If the inhaler has not been used for more than 4 weeks or if it is dropped, spray 2 sprays into the air away from the face. Shake well before each test spray.
- Put the cap back on after you are done using your dose.
- This drug may catch on fire. Do not use near an open flame or while smoking.
- Some inhalers have a dose counter to keep track of how many doses are left. If your inhaler has a dose counter, throw the inhaler away when the dose

counter reaches “0.”

Inhaler (powder):

- Do not prepare a dose until you need to take it. If you prepare a dose and close the inhaler without taking a dose, it will waste the drug and may damage the inhaler.
- Do not breathe out into the inhaler. Close the inhaler after you use your dose.
- Do not take an extra dose, even if you did not taste or feel the powder.
- Do not take the device apart or wash it. Do not use it with a spacer. Do not breathe out into the device.
- Clean mouthpiece by wiping with a dry tissue or cloth. Do not wash or put in water.
- This inhaler has a dose counter to keep track of how many doses are left. Throw away the inhaler when the dose counter reaches “0,” 1 month after opening the foil pouch, or after the expiration date, whichever comes first.

What do I do if I miss a dose?

- Skip the missed dose and go back to your normal time.
- Do not take 2 doses at the same time or extra doses.

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

All products:

- Store at room temperature in a dry place. Do not store in a bathroom.
- 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.

Inhaler (aerosol):

- Store with the mouthpiece down.
- Protect from heat or open flame. Do not puncture or burn even if it seems empty.

Inhaler (powder):

- Store in foil pouch until ready for use.
- Protect from heat, cold, and light.

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.

Consumer Information Use and Disclaimer

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 https://www.wolterskluwer.com/en/know/clinical-effectiveness-terms.

Last Reviewed Date

2024-02-16

Copyright

© 2026 UpToDate, Inc. and its affiliates and/or licensors. All rights reserved.

If you have questions or concerns, contact your healthcare provider. A member of your care team will answer Monday through Friday from 9 a.m. to 5 p.m. Outside those hours, you can leave a message or talk with another MSK provider. There is always a doctor or nurse on call. If you're not sure how to reach your healthcare provider, call 212-639-2000.

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

Fluticasone and Salmeterol - Last updated on December 12, 2022
All rights owned and reserved by Memorial Sloan Kettering Cancer Center