MSK Kids

PATIENT & CAREGIVER EDUCATION

Ephedrine (Systemic

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

Akovaz; Bronkaid Max [OTC]; Emerphed; Primatene [OTC]; Rezipres

What is this drug used for?

Tablets:

- It is used to treat asthma.

Injection:

- It is used to treat low blood pressure.
- This drug is not approved for use in children. However, the doctor may decide the benefits of taking this drug outweigh the risks. If your child has been given this drug, ask the doctor for information about the benefits and risks. Talk with the doctor if you have questions about giving this drug to your child.

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

All products:

- 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 taken certain drugs for depression or certain other health problems in the last 14 days. This includes isocarboxazid, phenelzine, or tranylcypromine. Very high blood pressure may happen.
- If your child is taking any of these drugs: Linezolid or methylene blue.
- If your child is taking any other drugs for nose stuffiness, weight loss, or ADHD.

Tablets:

- If the patient is a child younger than 12 years of age. Do not give this drug to a child younger than 12 years of age.

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 to give this drug with all of your child's other 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?

All products:

- 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.
- High blood pressure or fast heartbeat may happen with this drug. This could raise the chance of heart attack or stroke. These could be deadly. If you have questions, talk with the doctor.
- Have your child's blood pressure checked as you have been told.

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.

Tablets:

- Do not give more than the doctor told you to give. Giving more than you are told may raise the chance of very bad side effects.
- Do not give this drug to your child for longer than you were told by the doctor.
- Call the doctor right away if your child’s normal dose does not work well, if your child’s signs get worse, or if your child needs to use this drug more often than normal.
- Have your child avoid tasks or actions that call for alertness until you see how this drug affects your child. These are things like riding a bike, playing sports, or using items such as scissors, lawnmowers, electric scooters, toy cars, or motorized vehicles.
- Have your child avoid use of caffeine (for example, tea, coffee, cola) and chocolate. Use with this drug may cause high blood pressure, nervousness, shakiness, a fast heartbeat, and anxiety.
- Alcohol may interact with this drug. Be sure your child does not drink alcohol.
- Talk with your child’s doctor before giving your child other drugs and natural products that may slow your child’s actions.

Injection:

- Very high blood pressure after delivering a baby has happened in some people who got this drug with some other drugs like ergonovine and methylergonovine. Some people had a stroke. If you have questions, talk with the doctor.

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 high blood pressure like very bad headache or dizziness, passing out, or change in eyesight.
- Chest pain or pressure.
- Fast, slow, or abnormal heartbeat.

- Weakness on 1 side of the body, trouble speaking or thinking, change in balance, drooping on one side of the face, or blurred eyesight.
- Trouble passing urine.
- Shortness of breath.
- Seizures.

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:

- Dizziness or headache.
- Feeling nervous and excitable.
- Trouble sleeping.
- Upset stomach or throwing up.
- Decreased appetite.
- Restlessness.
- Sweating a lot.

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.

Tablets:

- Give this drug with or without food. Give with food if it causes an upset stomach.

Injection:

- It is given into a vein for a period of time.

What do I do if my child misses a dose?
Tablets:

- This drug is given on an as needed basis. Do not give to your child more often than told by the doctor.

Injection:

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

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

Tablets:

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

Injection:

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

All products:

- 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.

- 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 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

2024-02-28

Copyright

© 2024 UpToDate, Inc. and its affiliates and/or licensors. All rights reserved.

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.

Ephedrine (Systemic - Last updated on December 12, 2022
All rights owned and reserved by Memorial Sloan Kettering Cancer Center