PATIENT & CAREGIVER EDUCATION

Ketoconazole (Systemic

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: Canada

APO-Ketoconazole; Ketoconazole-200; TEVA-Ketoconazole

Warning

- This drug is not for use to treat certain types of fungal infections. This includes fungal infections of the skin, nails, or brain. Talk with the doctor.
- This drug must only be used when other drugs cannot be used or have not worked. Talk with your child's doctor to be sure that the benefits of this drug are more than the risks.
- Severe and sometimes deadly liver problems like the need for a liver transplant have happened with this drug. Some people did not have a raised chance of

liver problems before taking this drug. Most of the time, but not always, liver problems have gone back to normal after this drug was stopped. Call your child's doctor right away if your child has signs of liver problems like dark urine, tiredness, decreased appetite, upset stomach or stomach pain, light-colored stools, throwing up, or yellow skin or eyes. Blood tests will be needed to watch for any liver problems. Talk with your child's doctor.

- Taking this drug with certain other drugs may raise the risk of a severe and sometimes deadly abnormal heartbeat (prolonged QT interval). Do not give this drug if your child is taking any of these drugs: Cisapride, disopyramide, dofetilide, dronedarone, lurasidone, methadone, pimozide, quinidine, or ranolazine.

What is this drug used for?

- It is used to treat fungal infections.
- 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 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 liver disease.
- If your child takes any drugs (prescription or OTC, natural products, vitamins) that must not be taken with this drug, like certain drugs that are used for high cholesterol, migraines, mood problems, and others. There are many drugs that must not be taken with this drug.

If your child is breast-feeding a baby:

- Be sure your child does not breast-feed a baby while taking this drug.

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?

- 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.
- Have your child's blood work and other lab tests checked as you have been told by the doctor.
- Do not give to your child longer than you have been told. A second infection may happen.
- Alcohol may interact with this drug. Be sure your child does not drink alcohol.
- High cholesterol has happened with this drug. If you have questions, talk with the doctor.

If your child is pregnant:

- Tell the doctor if your child is pregnant or becomes pregnant. You will need to talk about the benefits and risks of your child using this drug while pregnant.

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 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.
- Dizziness.
- Chest pain.
- A burning, numbness, or tingling feeling that is not normal.
- Swelling in the arms or legs.
- Any unexplained bruising or bleeding.
- If bright lights bother your child's eyes.
- Change in tongue color.
- Fever or chills.
- Muscle pain or weakness.

- Hair loss.
- A type of abnormal heartbeat (prolonged QT interval) can happen with this drug. Call the doctor right away if your child has a fast heartbeat, a heartbeat that does not feel normal, or if your child passes out.
- This drug may lower testosterone levels. This may cause enlarged breasts, not able to get an erection, or low sperm counts. Testosterone levels go back to normal after this drug is stopped. Call the doctor if any of these effects occur.

If your child has menstrual periods:

- Period (menstrual) changes.

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:

- Constipation, diarrhea, stomach pain, upset stomach, or throwing up.
- Headache.
- Appetite changes.

- Trouble sleeping.
- Feeling nervous and excitable.
- Feeling sleepy.
- Feeling tired or weak.
- Dry mouth.
- Change in taste.
- Gas.
- Flushing.

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.

- Give this drug at the same time of day.
- 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.

- Do not give antacids to your child within 1 hour before or 2 hours after giving this drug.
- Talk with the doctor if your child is also taking antacids, cimetidine, dexlansoprazole, esomeprazole, famotidine, lansoprazole, nizatidine, omeprazole, pantoprazole, rabeprazole, or ranitidine. Your child may need to take this drug with an acidic drink like non-diet cola.

What do I do if my child misses a dose?

- Give a missed dose as soon as you think about it.
- If it is close to the time for your child's next dose, skip the missed dose and go back to your child's normal time.
- Do not give 2 doses at the same time or extra doses.

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

- 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.

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

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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.

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