PATIENT & CAREGIVER EDUCATION

# Tetracycline (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.

## What is this drug used for?

- It is used to treat pimples (acne).
- It is used to treat bacterial infections.

## 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 is taking any of these drugs: Acitretin, isotretinoin, or a penicillin.

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 blood work checked if your child is on this drug for a long time. Talk with your child's doctor.
- Do not give to your child longer than you have been told. A second infection may happen.
- This drug may make your child sunburn more easily. Use care if your child will be in the sun. Tell your child's doctor if your child sunburns easily while taking this drug.
- If your child has lupus, this drug can make your child's lupus active or get worse. Tell the doctor right away if your child gets any new or worse signs.
- This drug may cause a change in tooth color to yellow-gray-brown in children younger than 8 years old. If this

change of tooth color happens, it will not go away. Talk with the doctor.

- Most of the time, this drug is not for use in children younger than 8 years old. However, there may be times when these children may need to take this drug. Talk with the doctor.

### If your child is or may be sexually active:

- Birth control pills may not work as well to prevent pregnancy. Be sure your child uses some other kind of birth control also, like a condom, when taking this drug.

### If your child is pregnant or breast-feeding a baby:

- This drug may cause harm to the unborn baby if your child takes it during pregnancy. If your child is pregnant or gets pregnant while taking this drug, call the doctor right away.
- Tell the doctor if your child is breast-feeding a baby. You will need to talk about any risks to 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 liver problems like dark urine, tiredness, decreased appetite, upset stomach or stomach pain, light-colored stools, throwing up, or yellow skin or eyes.
- Fever, chills, or sore throat; any unexplained bruising or bleeding; or feeling very tired or weak.
- Black, hairy tongue.
- Throat irritation.
- Trouble swallowing.
- Joint pain.
- Shortness of breath.
- Vaginal itching or discharge.
- Diarrhea is common with antibiotics. Sometimes, diarrhea may be caused by a certain bowel infection (C diff). C diff may happen during treatment or within a few months after the last dose. This infection can be severe or even deadly. Call your child's doctor right away if your

child has stomach cramps, fever, long-lasting diarrhea, very loose or watery stools, or bloody stools. Check with your child's doctor before treating diarrhea.

- Raised pressure in the brain has happened with this drug. Most of the time, this will go back to normal after this drug is stopped. Sometimes, loss of eyesight may happen and may not go away even after this drug is stopped. Call the doctor right away if your child has a headache or eyesight problems like blurred eyesight, seeing double, or loss of eyesight.

## 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:

- Diarrhea, stomach pain, upset stomach, throwing up, or decreased appetite.

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.

- Use as you have been told, even if your child's signs get better.
- Talk with your child's doctor or pharmacist about how to give this drug with regard to food.
- Have your child drink enough fluid to wash down this drug. This will lower the risk of throat irritation.
- Do not give your child products that have iron, zinc, or sodium bicarbonate in them or products like antacids that have aluminum, calcium, or magnesium in them at the same time as this drug. Talk with the doctor or pharmacist.
- Do not let your child eat or drink dairy products or give your child calcium at the same time as this drug. They may make this drug not work as well. If you have questions, talk with the doctor or pharmacist.

## 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 protected from light. Store 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 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 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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