PATIENT & CAREGIVER EDUCATION

Nifedipine

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

Procardia XL

Brand Names: Canada

Adalat XL; AG-Nifedipine ER; DOM-NIFEdipine [DSC]; JAMP-Nifedipine ER; M-Nifedipine ER; MYLAN-NIFEdipine; PMS-NIFEdipine ER; PMSC-Nifedipine ER; PRO-Nifedipine ER

What is this drug used for?

- It is used to treat high blood pressure.
- It may be given to your child for other reasons. Talk with the doctor.
- 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?

- 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 you have been told that your child's body has problems with certain sugars (lactose, glucose, galactose). Some products have lactose.
- If your child has had a recent heart attack.
- 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 HIV, infections, seizures, and others. There are many drugs that must not be taken with 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?

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.
- 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.
- To lower the chance of feeling dizzy or passing out, have your child rise slowly if your child has been sitting or lying down. Have your child be careful going up and down stairs.
- It is rare, but chest pain that is new or worse can happen after this drug is first started or after the dose is raised. Heart attack can also happen. The risk may be greater in people who have very bad heart blood vessel disease. Talk with the doctor.
- Have your child's blood pressure checked as you have been told.

- Have blood work checked as you have been told by the doctor. Talk with the doctor.
- Avoid giving your child grapefruit and grapefruit juice.
- If your child is taking this drug and has high blood pressure, talk with the doctor before giving OTC products that may raise blood pressure. These include cough or cold drugs, diet pills, stimulants, non-steroidal anti-inflammatory drugs (NSAIDs) like ibuprofen or naproxen, and some natural products or aids.
- Very bad stomach and bowel problems like blockage and ulcers have happened with a long-acting form of this drug. Sometimes, these problems have led to the need to go to the hospital. Talk with the doctor.

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.

Capsules:

- This form of this drug is not approved to treat high blood pressure. Very low blood pressure, heart attack, and death have happened when this form of this drug was used to lower high blood pressure quickly. However, your child's doctor may decide the benefits of taking this drug may outweigh the risks. If your child has been given this drug to treat high blood pressure, talk with your child's doctor about the benefits and risks.

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.

- Very bad dizziness or passing out.
- Chest pain that is new or worse.
- A heartbeat that does not feel normal.
- Mood changes.
- Shortness of breath, a big weight gain, or swelling in the arms or legs.
- Muscle pain or cramping.
- Shakiness.
- Severe constipation or stomach pain. These may be signs of a severe bowel problem.
- Black, tarry, or bloody stools.
- Throwing up blood or throw up that looks like coffee grounds.

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:

All products:

- Feeling dizzy, tired, or weak.
- Headache.
- Upset stomach.
- Flushing.
- Heartburn.
- Feeling nervous and excitable.

Extended-release tablets:

- For some brands, you or your child may see the tablet shell in your child's stool. For these brands, this is normal and not a cause for concern. If you have questions, talk with the doctor.

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.

All products:

- Have your child swallow whole. Do not let your child chew, break, or crush.
- 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 stop giving this drug to your child all of a sudden without calling the doctor. Your child may have a greater risk of side effects. If your child needs to stop this drug, you will want to slowly stop it as told by the doctor.

Extended-release tablets:

- Some drugs may need to be given with food or on an empty stomach. For some drugs, it does not matter. Check with your pharmacist about how to give this drug to your child.

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

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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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