PATIENT & CAREGIVER EDUCATION

Naloxone

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

FT Naloxone HCl [OTC]; Kloxxado; Narcan [DSC]; Narcan [OTC]; Rextovy; Rezenopy; RiVive [OTC]; Zimhi [DSC]

Brand Names: Canada

Narcan; S.O.S. Naloxone Hydrochloride; TEVA Naloxone

What is this drug used for?

- It is used to avoid side effects from some drugs.
- It is used to treat some overdoses.
- 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.

This drug may interact with other drugs or health problems.

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.
- If your child has opioid use disorder and is given this drug, your child may have signs of opioid withdrawal. Some of these signs are sweating, shaking, fever, chills, diarrhea, upset stomach, throwing up, stomach cramps, goosebumps, body aches, anxiety, feeling irritable,

yawning, or fast heartbeat.

- In infants younger than 4 weeks old who have been getting opioid drugs on a regular basis, sudden withdrawal may be life-threatening if not treated right away. Get medical help right away if your child has a seizure, is crying more than normal, or has increased reflexes.
- Talk with the doctor about which forms of this drug are best to use in children.

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.
- If this drug is used during pregnancy, it may cause withdrawal in the unborn baby. A doctor will need to check on the unborn baby after this drug is used.

Injection products other than auto-injectors and prefilled syringes:

- Very bad side effects have happened when this drug has been given after surgery. This includes high or low blood pressure, abnormal heartbeats, and certain lung or heart problems. Sometimes, these side effects have led to

brain problems, coma, and death. 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 or low blood pressure like very bad headache or dizziness, passing out, or change in eyesight.
- Chest pain or pressure, a fast heartbeat, or an abnormal heartbeat.
- Shortness of breath.
- Seizures.
- A burning, numbness, or tingling feeling that is not normal.

- Mood changes.
- Hallucinations (seeing or hearing things that are not there).

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:

Nose spray:

- Muscle pain.
- Muscle spasm.
- Headache.
- Dry nose.
- Runny or stuffy nose.
- Swelling in the nose.
- Constipation.
- Tooth pain.
- Dry skin.
- Stomach pain.
- Change in taste.

- Dizziness.
- Feeling tired or weak.
- Some people may have signs like sweating, shaking, upset stomach, or feeling angry when they wake up after getting this drug. This is normal.

All injection products:

- Upset stomach or throwing up.
- Dizziness.
- Irritation where the shot is given.
- Hot flashes.
- 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.

Nose spray, auto-injector shot , and prefilled syringes :

- If you will be giving your child the shot, your child's doctor or nurse will teach you how to give the shot.
- Be sure you know the signs of an overdose and when to give this drug. If you are not sure, talk with your child's doctor.
- Be sure you know how to use before an emergency happens. Read the package insert and instructions for use that come with this drug. If you have any questions about how to use this drug, talk with the doctor or pharmacist.
- Someone else may have to give this drug. Be sure others know where this drug is stored and how to give it if needed.
- After using this drug, overdose symptoms may go away and come back. It is important to get medical help right away after using this drug.
- Each device has only 1 dose and cannot be reused. If another dose is needed, you will need to use a new device.
- If this drug expires, get a refill before a dose is needed.

Nose spray:

- For the nose only.
- Use only 1 spray for a dose.
- If using more than 1 dose, switch nostrils with each dose.
- Do not take this drug out of the pouch or blister until you are ready to use it. Do not prime or test the spray before giving it.
- If this drug freezes, some brands may be thawed at room temperature before use. If an emergency happens and this drug is frozen, do not wait for it to thaw. Get medical help right away.

Prefilled syringes and auto-injectors:

- It is given as a shot into a muscle or into the fatty part of the skin.
- Jab straight into the outer thigh as you have been told. This drug may be given through clothes if needed. Inject and hold for as long as you were told.
- Do not use this drug if the solution changes color, is cloudy, or has particles. Get a new one.

All other injection products:

- It is given as a shot into a muscle, vein, or into the fatty part of the skin.

What do I do if my child misses a dose?

- Get medical help right away.

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

Nose spray:

- Store in the original container at room temperature.
- Do not store above 104°F (40°C).
- Do not freeze.
- Protect from heat and light.

Prefilled syringes and auto-injectors:

- Store at room temperature. Do not freeze.
- Protect from heat.
- Store in the case you were given to protect from light.

All other injection products:

- 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.

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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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