Memorial Sloan Kettering Cancer Center

PATIENT & CAREGIVER EDUCATION

Desflurane

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

Suprane

What is this drug used for?

- It is used to put you to sleep for surgery.
- It is used to cause sleep during a procedure.

What do I need to tell my doctor BEFORE I take this drug?

- If you are allergic to this drug; any part of this drug; or any other drugs, foods, or substances. Tell your doctor about the allergy and what signs you had.
- If you or a family member have had muscle problems or a certain health problem called malignant hyperthermia. Signs of malignant hyperthermia include a very high fever, a fast heartbeat, muscle stiffness, and trouble breathing.
- If you have had liver problems after getting an anesthetic.

This is not a list of all drugs or health problems that interact with this drug.

Tell your doctor and pharmacist about all of your drugs (prescription or OTC, natural products, vitamins) and health problems. You must check to make sure that it is safe for you to take this drug with all of your drugs and health problems. Do not start, stop, or change the dose of any drug without checking

with your doctor.

What are some things I need to know or do while I take this drug?

- Tell all of your health care providers that you take this drug. This includes your doctors, nurses, pharmacists, and dentists.
- Avoid driving and doing other tasks or actions that call for you to be alert until the effects of this drug wear off and you feel fully awake.
- Talk with your doctor before you use alcohol, marijuana or other forms of cannabis, or prescription or OTC drugs that may slow your actions.
- High potassium levels have rarely happened with inhaled anesthesia drugs. This has led to abnormal heartbeats and death in some children after surgery. The chance may be raised in people with certain muscle problems. Talk with the doctor.
- If you have high blood sugar (diabetes), you will need to watch your blood sugar closely.
- Studies in young animals and children have shown that frequent or long-term use of anesthesia drugs or drugs used for sleep in children younger than 3 years of age may lead to long-term brain problems. This may also happen in unborn babies if the mother uses this drug during the third trimester of pregnancy. Talk with the doctor.
- If the patient is a child, use this drug with care. The risk of some side effects may be higher in children.
- If you are 65 or older, use this drug with care. You could have more side effects.
- Tell your doctor if you are pregnant, plan on getting pregnant, or are breast-feeding. You will need to talk about the benefits and risks to you and the baby.

What are some side effects that I need to call my 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 doctor or get medical help right away if you have 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 potassium levels like a heartbeat that does not feel normal; feeling confused; feeling weak, lightheaded, or dizzy; feeling like passing out; numbness or tingling; or shortness of breath.
- Signs of high or low blood pressure like very bad headache or dizziness, passing out, or change in eyesight.
- Trouble breathing, slow breathing, or shallow breathing.
- Slow heartbeat.
- Muscle stiffness.
- Blue or gray color of the skin, lips, nail beds, fingers, or toes.
- Not able to pass urine or change in how much urine is passed.
- Feeling agitated.
- This drug may cause a severe and sometimes deadly problem called malignant hyperthermia. Call your doctor right away if you have a fast or abnormal heartbeat, fast breathing, fever, spasm or stiffness of the jaw muscles, blue or gray skin, patchy skin, or unexplained bruising or bleeding. Call your doctor right away if you have signs of kidney problems like unable to pass urine, change in how much urine is passed, blood in the urine, or a big weight gain.
- A type of abnormal heartbeat (prolonged QT interval) has happened with this drug. Sometimes, this has led to another type of unsafe abnormal

heartbeat (torsades de pointes). Call your doctor right away if you have a fast or abnormal heartbeat, or if you pass out.

- Liver problems have rarely happened with this drug. Sometimes, this has been deadly. Call your doctor right away if you have 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.

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 doctor or get medical help if any of these side effects or any other side effects bother you or do not go away:

- Upset stomach or throwing up.
- Headache.
- Cough.
- More saliva.
- Throat irritation.

These are not all of the side effects that may occur. If you have questions about side effects, call your doctor. Call your doctor for medical advice about side effects.

You may report side effects to your national health agency.

You may report side effects to the FDA at 1-800-332-1088. You may also report side effects at https://www.fda.gov/medwatch.

How is this drug best taken?

Use this drug as ordered by your doctor. Read all information given to you. Follow all instructions closely.

- It is given as a liquid for breathing into the lungs by a doctor.
- Other drugs may be given before this drug to help avoid side effects.

What do I do if I miss a dose?

- This drug will be given on an as needed basis in a health care setting.

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

- This drug will be given in a hospital or doctor's office. You will not store it at home.

General drug facts

- If your symptoms or health problems do not get better or if they become worse, call your doctor.
- Do not share your drugs with others and do not take anyone else's drugs.
- 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.
- Some drugs may have another patient information leaflet. If you have any questions about this drug, please talk with your doctor, nurse, pharmacist, or other health care provider.
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- 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.

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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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