



## PATIENT & CAREGIVER EDUCATION

# Deferoxamine

This information from Lexicomp® 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**

Desferal

### **Brand Names: Canada**

Deferoxamine Mesylate for Injection; Desferal; PMS-Deferoxamine

### **What is this drug used for?**

- It is used to get rid of iron when too much is in the body.
- It may be given to you for other reasons. Talk with the doctor.

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

- If you have an allergy to deferoxamine or any other part of this drug.
- If you are allergic to any drugs like this one, any other drugs, foods, or other substances. Tell your doctor about the

allergy and what signs you had, like rash; hives; itching; shortness of breath; wheezing; cough; swelling of face, lips, tongue, or throat; or any other signs.

- If you are not able to pass urine.
- If you have kidney disease.

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 you see how this drug affects you.
- Have an eye exam as you have been told by your doctor.
- Have blood work checked as you have been told by the doctor. Talk with the doctor.
- Have a hearing test before starting this drug and while you

take this drug.

- This drug may affect certain lab tests. Tell all of your health care providers and lab workers that you take this drug.
- If you take vitamin C, talk with your doctor.
- Talk with your doctor before taking multivitamins, natural products, and diet aids. These may have vitamin C in them.
- Very bad and sometimes deadly fungal infections have rarely happened in patients taking this drug. Tell your doctor right away if you have fever, runny nose, eye changes, cough, or shortness of breath.
- This drug may affect growth in children and teens in some cases. They may need regular growth checks. Talk with the doctor.
- If you are 65 or older, use this drug with care. You could have more side effects.
- Tell your doctor if you are pregnant or plan on getting pregnant. You will need to talk about the benefits and risks of using this drug while you are pregnant.
- Tell your doctor if you are breast-feeding. You will need to talk about any risks to your 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 infection like fever, chills, very bad sore throat, ear or sinus pain, cough, more sputum or change in color of sputum, pain with passing urine, mouth sores, or wound that will not heal.
- Signs of liver problems like dark urine, feeling tired, not hungry, upset stomach or stomach pain, light-colored stools, throwing up, or yellow skin or eyes.
- 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.
- Signs of lung or breathing problems like shortness of breath or other trouble breathing, cough, or fever.
- A fast heartbeat.
- Dizziness or passing out.
- Flushing.
- Blue or gray skin color.
- A burning, numbness, or tingling feeling that is not normal.

- Seizures.
- Any unexplained bruising or bleeding.
- Very bad irritation where the shot was given.
- Change in eyesight like loss of eyesight and change in hearing like loss of hearing have rarely happened with this drug. Most of the time, these changes have gone back to normal when this drug was stopped. Call your doctor right away if you have any change in eyesight or hearing.

### **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:

- Change in color of urine to red.
- Headache.
- Upset stomach or throwing up.
- Diarrhea.
- Muscle spasm.
- Muscle or joint pain.
- Belly pain.
- Irritation where the shot is given.

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.

### **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 shot into a muscle or as an infusion into a vein over a period of time.
- It is given as an infusion under the skin over a period of time.

### **What do I do if I miss a dose?**

- Call your doctor to find out what to do.

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

- If you need to store this drug at home, talk with your doctor, nurse, or pharmacist about how to store it.

### **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 a list of all your drugs (prescription, natural products, vitamins, OTC) with you. Give this list to your doctor.
- Talk with the doctor before starting any new drug, including

prescription or OTC, natural products, or vitamins.

- 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.
- 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 information should not be used to decide whether or not to take this medicine or any other medicine. Only the healthcare provider has the knowledge and training to decide which medicines are right for a specific patient. This information does not endorse any medicine as safe, effective, or approved for treating any patient or health condition. This is only a brief summary of general information about this medicine. It does NOT include all information about the possible uses, directions, warnings, precautions, interactions, adverse effects, or risks that may apply to this medicine. This

information is not specific medical advice and does not replace information you receive from the healthcare provider. You must talk with the healthcare provider for complete information about the risks and benefits of using this medicine.

### **Last Reviewed Date**

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If you have any questions, contact a member of your healthcare team directly. If you're a patient at MSK and you need to reach a provider after 5:00 PM, during the weekend, or on a holiday, call 212-639-2000.

For more resources, visit [www.mskcc.org/pe](http://www.mskcc.org/pe) to search our virtual library.

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