PATIENT & CAREGIVER EDUCATION

Satralizumab

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

Enspryng

Brand Names: Canada

Enspryng

What is this drug used for?

- It is used to treat an autoimmune disease called neuromyelitis optica spectrum disorder (NMOSD).
- If your child has been given this drug for some other reason, talk with the doctor about the benefits and risks. Talk with the doctor if you have questions or concerns 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 your child has any of these health problems: Hepatitis B, TB (tuberculosis), or any other infection.

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.
- If your child feels dizzy, have your child avoid tasks or actions that call for alertness. These are things like riding a bike, playing sports, or using items such as scissors, lawnmowers, electric scooters, toy cars, or motorized vehicles.
- Do not stop giving this drug without calling the doctor who ordered it for your child.
- Have your child's blood work and other lab tests checked as you have been told by the doctor.
- Your child may have more chance of getting an infection. Some of these infections may be severe or even deadly. Have your child wash hands often. Avoid crowds and people with infections, colds, or flu.
- Talk with the doctor if your child had a vaccine within the 4 weeks before starting this drug. Talk with the doctor before your child gets any vaccines while taking this drug. Vaccine use with this drug may either raise the chance of an infection or make the vaccine not work as well.
- If your child has had hepatitis B or carries the virus, talk with the doctor. Drugs like this one can cause the virus to become active. Your child will be tested for hepatitis B before starting this drug. If you have questions, talk with the doctor.
- Your child will need a TB (tuberculosis) test before starting this drug.
- High cholesterol and triglyceride levels have happened with this drug. If your

child has high cholesterol or triglycerides, talk with the doctor.

- Do not share this product with another person. This includes any needles or syringes, even if the needle has been changed. Sharing may pass infections from one person to another. This includes infections you may not know about.

If your child is or may be sexually active:

- Your child may need to use birth control to prevent pregnancy while taking this drug. 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.
- If your child used this drug during pregnancy, tell the baby's doctor. You will need to discuss the safety and timing of certain vaccines 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. Rarely, some allergic reactions to drugs like this one have been deadly.
- Signs of infection like fever, chills, or sweating; cough; muscle aches; shortness of breath; more sputum or change in color of sputum; red, warm, swollen, painful, or blistered skin; weight loss; stomach pain; diarrhea; pain with passing urine; or passing urine more often.

- 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.
- Swelling in the arms or legs.
- Any unexplained bruising or bleeding.
- Chest pain or pressure, a fast heartbeat, or an abnormal heartbeat.
- Dizziness or passing out.
- Flushing.
- Depression.

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 or throat irritation.
- Signs of a common cold.
- Headache.
- Joint pain.
- Pain in arms or legs.
- Feeling tired or weak.
- Upset stomach.
- Heartburn.
- Feeling bloated, or feeling full after eating only a small amount of food.
- It is common to have reactions where the injection is given. This includes pain, redness, itching, bruising, and swelling. Call your child's doctor if any of these effects are severe, bother your child, or do not go away.

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.

- It is given as a shot into the fatty part of the skin on the right or left side of the belly or thigh.
- If you will be giving your child the shot, your child's doctor or nurse will teach you how to give the shot.
- Wash your hands before use.
- Before using this drug, take it out of the refrigerator and leave it at room temperature for 30 minutes.
- Do not heat or microwave.
- Do not remove the cap until you are ready to use. Do not try to put the cap back on. Use within 5 minutes of removing the cap.
- Move the site where you give the shot with each shot. Inject at least 1 inch (2.5 cm) away from where the last dose was given.
- Do not give into skin within 2 inches (5 cm) of the belly button.
- Do not inject through clothes.
- Do not give into a mole, scar, or skin that is irritated, tender, bruised, red, hard, or broken.
- Do not shake.
- Do not rub the site where you give the shot.
- Do not use if the solution is cloudy, leaking, or has particles.
- This drug is colorless to a faint yellow. Do not use if the solution changes color.
- Do not use this drug if it has been dropped or if it is broken.

- If you see small air bubbles in the device, do not try to get rid of them.
- Each autoinjector or prefilled syringe is for 1 use only. Inject all of the drug in the device unless the doctor tells you otherwise.
- Throw away needles in a needle/sharp disposal box. Do not reuse needles or other items. When the box is full, follow all local rules for getting rid of it. Talk with a doctor or pharmacist if you have any questions.

What do I do if my child misses a dose?

- Call your child's doctor to find out what to do.

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

- Store in a refrigerator. Do not freeze.
- Do not use if it has been frozen.
- Store in the original container to protect from light.
- If needed, this drug can be left out at room temperature for up to 8 days. If this drug is stored outside the refrigerator then put back in, the total time out of the refrigerator must not be more than 8 days. Throw this drug away if it has been out of the refrigerator for more than 8 days.
- Protect from heat. Do not leave this drug at temperatures above 86°F (30°C).
- 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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