



LOVENOX (enoxaparin) INJECTIONS



Lovenox (enoxaparin) is a medication used to prevent and treat blood clots. It is commonly prescribed during pregnancy to manage conditions that increase the risk of complications related to clotting.

Why is Lovenox prescribed in pregnancy?

Your doctor may prescribe Lovenox during pregnancy. Some reasons may include:

- Prevention of blood clots in individuals with a history of clotting disorders (e.g., deep vein thrombosis or pulmonary embolism).
- Management of conditions such as antiphospholipid antibody syndrome or inherited thrombophilias.
- Reduction in risk of pregnancy complications linked to clotting issues.
- Prevention of blood clot formation in those with limited mobility or a history of blood clots.

How is Lovenox given?

Lovenox is administered as a subcutaneous injection (just under the skin). The injections are typically given once or twice daily, depending on your specific condition. The dose is determined by indication for use and in some cases is based on your weight.

Steps for administering Lovenox injections

1. **Wash your hands.**
2. **Prepare the injection site:** Choose a spot on your abdomen, at least 1-2 inches away from the umbilicus. Alternate injection sites to reduce bruising.
3. **Clean the site:** Use an alcohol wipe to clean the injection area and let it dry.
4. **Prepare the syringe:** Remove the cap from the prefilled syringe and check for air bubbles.
5. **Inject the medication:** Pinch a fold of skin, insert the needle at a 90-degree angle, and inject the medication slowly.
6. **Dispose of the syringe:** Place the used syringe in a sharps container for proper disposal.

What are the possible side effects of Lovenox?

While Lovenox is generally safe during pregnancy, you may experience some side effects, including:

- Bruising or mild pain at the injection site
 - Bleeding or bruising more easily than usual
 - Allergic reactions (e.g., rash, itching, or swelling)
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When to contact your doctor

- Severe or unusual bleeding
 - Significant pain at the injection site
 - Signs of an allergic reaction
 - Symptoms of a blood clot (e.g., leg pain or swelling, chest pain, or shortness of breath)
 - You have questions regarding dosing of the medication due to missed dose
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Important Information

- **Monitoring:** Your doctor may perform regular blood tests to monitor your response to Lovenox and to ensure your dosage is appropriate. The test (called **anti-Xa level**) would need to be drawn **at 4 hours post last injection** (for example, if the last dose is taken at 0700 am, blood test should be drawn at 1100 am).
 - **Timing of doses:** Take Lovenox at approximately the same time each day. If using once daily, take your medication in the morning in order to allow lab monitoring 4 hours post administration of the last dose, if indicated.
 - **Missed doses:** If you miss a dose, contact your doctor for guidance. Do not double the next dose unless instructed.
 - **Before delivery:** Your Doctor will discuss a plan for stopping Lovenox before labor or delivery.
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Step by Step Lovenox Injection Instructions

Video: <https://www.lovenox.com/patient-self-injection-video>

Handout: <https://www.lovenox.com/-/media/ems/conditions/cardiology/brands/lovenox/professional/pdf/Lovenox%20Injection%20Instructions.pdf>

(Lovenox images and content from Lovenox website: [Lovenox.com](https://www.lovenox.com))