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# Lantus Solostar Pen

**Generic name:** [insulin glargine](#) [ *IN-su-lin-GLAR-gine* ]

**Brand names:** Basaglar KwikPen, Basaglar Tempo Pen, Insulin Glargine Prefilled Pen, Insulin Glargine Solostar Pen, [Lantus](#), ... [show all 10 brands](#)

**Drug class:** [Insulin](#)



[Medically reviewed](#) by Drugs.com on Aug 11, 2023. Written by [Cerner Multum](#).

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## What is Lantus Solostar Pen?

Lantus Solostar Pen is a **long-acting** insulin that starts to work several hours after injection and keeps working evenly for 24 hours.

Lantus Solostar Pen is used to improve blood sugar control in people with [diabetes mellitus](#).

**Toujeo** is for use in adults with type 1 or [type 2 diabetes](#).

**Basaglar**, **Lantus**, and **Semglee** are for use in adults with type 1 or 2 diabetes and in children at least 6 years old with [type 1 diabetes](#) (not type 2).

For type 1 diabetes, Lantus Solostar Pen is used together with a **short-acting** insulin given before meals.

Lantus Solostar Pen may also be used for purposes not listed in this medication guide.

## Lantus Solostar Pen side effects

Get emergency medical help if you have **signs of insulin allergy**: redness or swelling where an injection was given, [itchy skin](#) rash over the entire body, trouble breathing, fast heartbeats, feeling like you might pass out, or swelling in your tongue or throat.

**Lantus Solostar Pen may cause serious side effects. Call your doctor at once if you have:**

- rapid weight gain, swelling in your feet or ankles;
- [shortness of breath](#); or
- **low blood potassium**--leg cramps, [constipation](#), irregular heartbeats, fluttering in your chest, increased thirst or urination, numbness or tingling, muscle weakness or limp feeling.

**Common side effects of Lantus Solostar Pen may include:**

- [low blood sugar](#);
- swelling, weight gain;
- allergic reaction, itching, rash; or
- thickening or hollowing of the skin where you injected the medicine.

This is not a complete list of side effects and others may occur. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

 [Lantus SoloStar side effects](#) (more detail)

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Tresiba (insulin degludec) is used to treat diabetes mellitus. Includes Tresiba side effects ...

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## Victoza

Victoza helps control blood sugar levels and reduce the risk of serious heart problems in people ...

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improve blood sugar ...

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Humalog (insulin lispro) is used to treat type 1 (insulin-dependent) diabetes in adults. Includes ...

### Reviews & ratings

6.8 / 10

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## Basaglar

Basaglar (insulin glargine) is a long-acting insulin that is used to improve blood sugar control in ...

### Reviews & ratings

2.7 / 10

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## Warnings

**Never share an injection pen, even if you changed the needle.**

## Before taking this medicine

You should not use Lantus Solostar Pen if you are allergic to insulin, or if you are having an episode of [hypoglycemia](#) (low blood sugar) or [diabetic ketoacidosis](#) (call your doctor for treatment).

Lantus Solostar Pen is not approved for use by anyone younger than 6 years old, and some brands are for use only in adults. **Do not use this medicine to treat type 2 diabetes in a child of any age.**

Tell your doctor if you have ever had:

- liver or kidney disease; or
- [heart failure](#) or other heart problems.

Tell your doctor if you also take [pioglitazone](#) or [rosiglitazone](#) (sometimes contained in combinations with [glimepiride](#) or metformin). **Taking certain oral diabetes medicines while you are using insulin may increase your risk of serious heart problems.**

Tell your doctor if you are pregnant or breastfeeding.

Follow your doctor's instructions about using this medicine **if you are pregnant or you become pregnant**. Controlling diabetes is very important during pregnancy.

## How should I use Lantus Solostar Pen?

Follow all directions on your prescription label and read all medication guides or instruction sheets. Use the medicine exactly as directed.

Lantus Solostar Pen is injected under the skin, usually once per day at the same time of day.

When treating type 1 diabetes, use your **short-acting** insulin before meals as directed by your doctor.

**Lantus Solostar Pen must not be given with an insulin pump, or mixed with other insulins.** Do not inject this medicine into a vein or a muscle.

Ask your doctor or pharmacist if you don't understand how to use an injection.

Prepare an injection only when you are ready to give it. **Call your pharmacist if the medicine looks cloudy, has changed colors, or has particles in it.**

Your healthcare provider will show you where to inject Lantus Solostar Pen. Do not inject into the same place two times in a row.

Avoid injecting into skin that is damaged, tender, bruised, pitted, thickened, scaly, or has a scar or hard lump.

**Toujeo** contains 300 units of [insulin glargine](#) per milliliter (mL), which is 3 times stronger than brands that contain 100 units per mL.

Your dose needs may change if you switch to a different brand, strength, or form of this medicine. **Avoid medication errors by using only the medicine your doctor prescribes.**

**If you use an injection pen**, use only the injection pen that comes with Lantus Solostar Pen. Attach a new needle before each use. Do not transfer the insulin from the pen into a syringe.

**Never share an injection pen, even if you changed the needle.** Sharing these devices can pass infections from person to person.

Blood sugar can be affected by stress, illness, surgery, exercise, alcohol use, or skipping meals.

Low blood sugar (**hypoglycemia**) can make you feel very hungry, dizzy, irritable, or shaky. To quickly treat hypoglycemia, eat or drink hard candy, crackers, raisins, fruit juice, or non-diet soda. Your doctor may prescribe glucagon injection in case of severe hypoglycemia.

Tell your doctor if you have frequent symptoms of [high blood sugar \(hyperglycemia\)](#) such as increased thirst or urination. **Ask your doctor before changing your medication dosage.**

Keep this medicine in its original container protected from heat and light. Do not freeze insulin or store it near the cooling element in a refrigerator. **Throw away any insulin that has been frozen.**

#### Storing unopened (not in use) Lantus Solostar Pen:

- Refrigerate and use until [expiration date](#); or
- **(Basaglar, Lantus, or Semglee)** Store at room temperature (below 86 degrees Fahrenheit) and use within 28 days.

#### Storing opened (in use) Lantus Solostar Pen:

- Store the **vial** in a refrigerator or at room temperature and use within 28 days.
- Store the **injection pen** at room temperature (**do not refrigerate**) and use within 28 days.
- Store **Toujeo** at room temperature below 86 F (**do not refrigerate**) and use within 56 days.

**Do not store an injection pen with the needle attached.** Do not reuse a needle or syringe. Place them in a puncture-proof "sharps" container and dispose of it following state or local laws. Keep out of the reach of children and pets.

Wear a medical alert tag or carry an ID card to let others know you have diabetes.

 [Detailed Lantus SoloStar dosage information](#)

## What happens if I miss a dose?

Call your doctor for instructions if you miss a dose. **Do not** use more than one dose in a 24-hour period unless your doctor tells you to.

Get your prescription refilled before you run out of medicine completely.

## What happens if I overdose?

Seek emergency medical attention or call the Poison Help line at 1-800-222-1222. **Insulin overdose can cause severe hypoglycemia.** Symptoms include [drowsiness](#), confusion, blurred vision, numbness or tingling in your mouth, trouble speaking, muscle weakness, clumsy or jerky movements, seizure (convulsions), or loss of consciousness.

## What should I avoid while using Lantus Solostar Pen?

Avoid driving or hazardous activity until you know how Lantus Solostar Pen will affect you. Your reactions could be impaired.

Avoid medication errors by always checking the medicine label before injecting your insulin.

Avoid drinking alcohol or using medicines that contain alcohol. It may interfere with your diabetes treatment.

## What other drugs will affect Lantus Solostar Pen?

Many drugs can affect your blood sugar and may also affect Lantus Solostar Pen. This includes prescription and over-the-counter medicines, vitamins, and [herbal products](#). **Tell your doctor about all other medicines you use.** Not all possible interactions are listed here.

## Does Lantus SoloStar interact with my other drugs?

Enter medications to view a detailed interaction report using our [Drug Interaction Checker](#).

Lantus SoloStar

+

Enter a drug name

Add

## Lantus solostar Biosimilars

Biosimilar and interchangeable products are biological products that are highly similar to and have no clinically meaningful differences from the reference product.

### Reference products

These are biological products that have already been approved by the FDA, against which biosimilar products are compared. There are 4 for Lantus SoloStar.

#### Basaglar (insulin glargine) - Eli Lilly and Company



Formulation type	Strength
Autoinjector	300 units/3 mL (100 units/mL)

View [Basaglar](#) information in detail.

Lantus (insulin glargine) - Sanofi-Aventis U.S. LLC



Semglee (insulin glargine) - Mylan Pharmaceuticals Inc.



Toujeo (insulin glargine) - Sanofi-Aventis U.S. LLC



### Lantus interchangeable products

Interchangeable biosimilar products can be dispensed by a pharmacist without the intervention of the prescriber of the reference product.

Pharmacy laws for biosimilar prescribing may vary by state.

Rezvoglar (insulin glargine-aglr) - Eli Lilly and Company



Semglee (insulin glargine-yfgn) - Biocon Biologics Inc.



## Popular FAQ

Is Admelog the same as NovoLog?



How and where should I inject insulin?



When is the best time to take Toujeo?



How long can Toujeo stay out of the refrigerator?



What are the different types of insulin?



Soliqua vs Lantus: What's the difference between them?



Can Toujeo be given twice a day?



How many pens are in a box of Toujeo?



## More FAQ

- [How do you use the Lantus pen \(Lantus SoloStar\)?](#)

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## More about Lantus SoloStar (insulin glargine)

- [Check interactions](#)
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## Patient resources



Other brands

[Basaglar](#), [Toujeo](#), [Semglee](#), [Toujeo Max SoloStar](#), [Rezvoglar](#)

Professional resources

- [Insulin Glargine monograph](#)
- [Insulin Glargine \(FDA\)](#)

Other brands

[Basaglar](#), [Toujeo SoloStar](#), [Semglee](#), [Rezvoglar](#)

Other formulations

- [Lantus](#)

Related treatment guides

- [Type 2 Diabetes](#)
- [Diabetes, Type 1](#)

Further information

Remember, keep this and all other medicines out of the reach of children, never share your medicines with others, and use this medication only for the indication prescribed.

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

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DRUG STATUS

<b>Availability</b>		
Rx	Prescription only	
<b>Pregnancy &amp; Lactation</b>		
	Risk data available	
<b>CSA Schedule*</b>		
N/A	Not a controlled drug	▼
<b>Approval History</b>		
	Drug history at FDA	▼

User Reviews & Ratings

7.2 / 10

## Images

Lantus SoloStar 100 units per mL (U-100) SoloStar prefilled pen

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