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2. Lidocaine

Lidocaine injection

Generic name: lidocaine injection [*LYE-doe-kane*]

Brand names: [Xylocaine HCl](#), [Xylocaine-MPF](#), Lidoject 1, Xylocaine Dental Cartridges, Lidoject 2, ... [show all 13 brands](#)

Dosage forms: injectable solution (0.5%; 0.5% preservative-free; 1.5% preservative-free; 1%; 1% preservative-free; 2%; 2% preservative-free; 4% preservative-free; 5%-0.4%; 5%-0.8%), ... [show all 2 dosage forms](#)

Drug classes: [Group I antiarrhythmics](#), [Local injectable anesthetics](#)



[Medically reviewed](#) by Drugs.com on Sep 29, 2023. Written by [Cerner Multum](#).

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What is lidocaine injection?

Lidocaine is a local anesthetic (numbing medication) that is used to numb an area of your body to help reduce pain or discomfort caused by invasive [medical procedures](#) such as surgery, needle punctures, or insertion of a catheter or breathing tube.

Lidocaine injection is sometimes used to treat irregular heart rhythms that may signal a possible [heart attack](#).

Lidocaine injection is also given in an epidural (spinal block) to reduce the discomfort of contractions during labor.

Lidocaine injection may also be used for purposes not listed in this medication guide.

Lidocaine injection side effects

Get emergency medical help if you have **signs of an allergic reaction**: hives; difficulty breathing; swelling of your face, lips, tongue, or throat.

Tell your caregiver right away if you have:

- twitching, tremors, seizure (convulsions);
- a light-headed feeling, like you might pass out;
- [slow heart rate](#), weak pulse, weak or shallow breathing;
- sudden feeling of heat, cold, or numbness;
- muscle stiffness and pain;
- weak or shallow breathing;
- blue appearance of the skin; or
- severe anxiety, unusual fear or uneasy feeling.

Common side effects of lidocaine injection may include:

- drowsiness, dizziness;
- nausea, vomiting;
- feeling hot or cold;
- confusion, ringing in your ears, blurred vision, double vision; or
- numbness in places where the medicine is accidentally applied.

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.

 [Lidocaine side effects](#) (more detail)

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Warnings

You should not receive lidocaine injection if you have severe [heart block](#), or a heart rhythm disorder called Stokes-Adams syndrome or Wolff-Parkinson-White Syndrome.

Before taking this medicine

You should not receive this medicine if you are allergic to lidocaine injection or any other type of numbing medicine, or if you have:

- severe heart block;
- a heart rhythm disorder called Stokes-Adams syndrome (sudden slow heart beats that can cause you to faint); or
- a heart rhythm disorder called Wolff-Parkinson-White Syndrome (sudden fast heartbeats that can cause you to faint or become easily tired).

Tell your doctor if you have ever had:

- an allergy to corn products;
- [liver disease](#);
- kidney disease;

- [heart disease](#) (unless you are being treated with lidocaine injection for a heart condition);
- [coronary artery disease](#), circulation problems; or
- [malignant hyperthermia](#).

Tell your doctor if you are pregnant or breastfeeding.

How is lidocaine injection given?

A healthcare provider will give you this injection.

When used to treat heart rhythm problems, lidocaine is given as an infusion into a vein.

When used as a local anesthetic, lidocaine is injected through the skin directly into the body area to be numbed.

Your breathing, blood pressure, oxygen levels, and other vital signs will be watched closely while you are receiving lidocaine injection in a hospital setting.

If you are being treated for irregular heart rhythm, your heart rate will be constantly monitored using an electrocardiograph or ECG (sometimes called an EKG). This will help your doctor determine how long to treat you with lidocaine injection.

 [Detailed Lidocaine dosage information](#)

What happens if I miss a dose?

Since lidocaine injection is used only when needed in a clinical setting, you are not likely to miss a dose.

What happens if I overdose?

Seek emergency medical attention or call the Poison Help line at 1-800-222-1222.

What should I avoid after receiving lidocaine injection?

Lidocaine injection can cause side effects that may impair your thinking or reactions. Unless absolutely necessary, do not drive after receiving lidocaine injection.

Avoid eating or chewing within 1 hour after lidocaine injection is used to numb your mouth or throat. You may have trouble swallowing which could lead to choking. You may also accidentally bite the inside of your mouth if you are still numb an hour after treatment with lidocaine injection.

What other drugs will affect lidocaine injection?

Tell your doctor about all your other medicines, especially:

- [cimetidine](#), [fluvoxamine](#), [nefazodone](#), St John's wort;
- [antibiotic](#) or antifungal medicine;
- antiviral medicine to treat hepatitis or HIV/AIDS;

- **heart or blood pressure medicine**--[amiodarone](#), digoxin, [nicardipine](#), [procainamide](#), [propranolol](#);
- **seizure medicine**--[carbamazepine](#), phenytoin; or
- **tuberculosis medicine**--isoniazid, rifampin.

This list is not complete. Other drugs may affect lidocaine, including prescription and over-the-counter medicines, vitamins, and [herbal products](#). Not all possible [drug interactions](#) are listed here.

 [Lidocaine drug interactions](#) (more detail)

Does lidocaine interact with my other drugs?

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

lidocaine

+

Enter a drug name

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Patient resources

- [Lidocaine \(Intradermal\) advanced reading](#)
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Other brands

[Xylocaine-MPF](#), [Xylocaine HCl](#)

Professional resources

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- [Lidocaine Hydrochloride \(Local\) \(AHFS Monograph\)](#)
- [Lidocaine \(FDA\)](#)
- [Lidocaine Injection \(FDA\)](#)
- [Lidocaine Intradermal Injection \(FDA\)](#)

Other brands

[Xylocaine-MPF](#), [DentiPatch](#)

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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

Availability
Rx Prescription only

Pregnancy & Lactation
 Risk data available

CSA Schedule*
N/A Not a controlled drug



Approval History



Drug history at FDA



User Reviews & Ratings

5.3 / 10

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