



[Home](#)

2. Lexiscan

# Lexiscan

**Generic name:** [regadenoson](#) [ *re-ga-DEN-oh-son* ]

**Drug class:** [Cardiac stressing agents](#)

Medically reviewed by [Philip Thornton, DipPharm](#). Last updated on Apr 29, 2024.

[Uses](#)   [Warnings](#)   [Before taking](#)   [Dosage](#)   [Side effects](#)   [Interactions](#)

## What is Lexiscan?

Lexiscan is a stress agent that works by increasing blood flow in the arteries of the heart.

Lexiscan is given in preparation for a radiologic (x-ray) examination of blood flow through the heart to test for [coronary artery disease](#).

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

## Warnings

You should not receive Lexiscan if you have a serious heart condition such as AV block or "sick sinus syndrome" (unless you have a pacemaker).

Tell your caregivers if you have a serious side effect such as chest pain or heavy feeling, pain spreading to the jaw or shoulder, sweating, general ill feeling, wheezing or trouble breathing, slow heart rate, severe headache, seizure (convulsions), weak pulse, slow breathing, or fainting.

## Before taking this medicine

You should not be treated with Lexiscan if you are allergic to regadenoson, or if you have a serious heart condition such as:

- 2nd or 3rd degree AV block; or
- "sick sinus syndrome" (unless you have a pacemaker).

Receiving Lexiscan may increase your risk of having abnormal heartbeats, breathing problems, [heart attack](#), stroke, or cardiac arrest. Talk to your doctor about your specific risk.

Tell your doctor if you have recently been sick with [vomiting](#) or [diarrhea](#), or if you have ever had:

- [asthma](#) or [COPD](#) (chronic obstructive pulmonary disease);

- chest pain or heart problems;
- blood circulation problems;
- coronary artery disease (clogged arteries);
- [seizures](#);
- heart disease or [high blood pressure](#); or
- if you also take [dipyridamole](#) or [theophylline](#).

It is not known whether this medicine will harm an unborn baby. Tell your doctor if you are pregnant.

**Do not breast-feed within 10 hours after receiving Lexiscan.** If you use a breast pump during this time, throw out any milk you collect. Do not feed it to your baby.

**i** [Lexiscan pregnancy and breastfeeding warnings](#) (more detail)

## How is Lexiscan given?

Lexiscan is given as an infusion into a vein. A healthcare provider will give you this injection.

You may also be given other intravenous (IV) medications that allow blood vessels to be seen more clearly on the radiologic examination.

Your breathing, blood pressure, oxygen levels, and other vital signs will be watched closely during your [stress](#) test.

## Dosing information

### Usual Adult Dose for Radionuclide Myocardial Perfusion Study:

0.4 mg rapid IV injection (approximately 10 seconds) into a peripheral vein using a 22 gauge or larger catheter or needle.

Comments: Administer a 5 mL saline flush immediately after injection of this drug. Administer the radionuclide myocardial perfusion imaging agent 10 to 20 seconds after the saline flush. The radionuclide may be injected directly into the same catheter as this drug.

Use: Radionuclide myocardial perfusion imaging (MPI) in patients unable to undergo adequate exercise stress.

**i** [Detailed Lexiscan dosage information](#)

## What happens if I miss a dose?

Since Lexiscan is given by a healthcare professional in preparation for medical testing, you are not likely to be on a dosing schedule.

## What happens if I overdose?

Since this medication is given by a healthcare professional in a medical setting, an overdose is unlikely to occur.

# What should I avoid while receiving Lexiscan?

Avoid drinking coffee or other beverages with [caffeine](#) for at least 12 hours before your stress test.

## Lexiscan side effects

Get emergency medical help if you have **signs of an allergic reaction to Lexiscan**: [hives](#); difficulty breathing; swelling of your face, lips, tongue, or throat.

Tell your caregiver right away if you have:

- severe [dizziness](#), fast heartbeats, and warmth or a tingly feeling;
- wheezing, chest tightness, trouble breathing;
- weak or shallow breathing;
- chest pain or pressure, pain spreading to your jaw or shoulder;
- a seizure;
- **low blood pressure** - a light-headed feeling, like you might pass out;
- **high blood pressure** - a severe [headache](#) or pounding in your neck or ears;
- **signs of a stroke** - sudden numbness or weakness (especially on one side of the body), severe headache, slurred speech, balance problems.

Common Lexiscan side effects may include:

- trouble breathing;
- headache, dizziness;
- chest pain or discomfort;
- [nausea](#); or
- flushing (warmth, redness, or tingly feeling).

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.

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

## Related/similar drugs

## FEATURED

### Omvox

Omvox is used to treat moderate to severe ulcerative colitis or Crohn's disease in adults. This ...

#### Reviews & ratings

1 Reviews

[View more](#)

### Baqsimi

Baqsimi (glucagon) nasal powder is used for the treatment of severe hypoglycemia. Includes Baqsimi ...

#### Reviews & ratings

1 Reviews

[View more](#)

### Gvoke

Gvoke injection is used to treat severe hypoglycemia (low blood sugar) in patients with diabetes ...

#### Reviews & ratings

1 Reviews

[View more](#)

## What other drugs will affect Lexiscan?

Some medicines should not be used within 12 hours before you are treated with Lexiscan. Tell your doctor about all other medicines you use, especially:

- aminophylline;
- dipyridamole; or
- theophylline.

Other drugs may interact with regadenoson, including prescription and over-the-counter medicines, [vitamins](#), and [herbal products](#). Tell your doctor about all your current medicines and any medicine you start or stop using.

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

## Does Lexiscan interact with my other drugs?

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

Lexiscan

+

Enter a drug name

Add

## More about Lexiscan (regadenoson)

- [Check interactions](#)
- [Compare alternatives](#)
- [Pricing & coupons](#)
- [Reviews \(36\)](#)
- [Side effects](#)
- [Dosage information](#)
- [During pregnancy](#)
- [Generic availability](#)
- [FDA approval history](#)
- [Drug class: cardiac stressing agents](#)
- [Breastfeeding](#)
- [En español](#)

## Professional resources

- [Lexiscan prescribing information](#)
- [Regadenoson \(AHFS Monograph\)](#)

## Related treatment guides

- [Radionuclide Myocardial Perfusion Study](#)
- [Diagnosis and Investigation](#)

## Further information

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

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

[Medical Disclaimer](#)

## DRUG STATUS

### Availability

**Rx** Prescription only

### Pregnancy & Lactation

 Risk data available

### CSA Schedule\*

**N/A** Not a controlled drug



### Approval History

**10+ years** FDA approved 2008



## User Reviews & Ratings

5.9 / 10

[36 Reviews](#)

## Drugs.com Mobile App

Access drug & treatment information, identify pills, check interactions and set up personal medication records.



### About

[About Drugs.com](#)

[Advertising policy](#)

[Attribution & citations](#)

### Terms & privacy

[Terms of use](#)

[Editorial policy](#)

[Privacy policy](#)

### Support

[Help center](#)

[Sitemap](#)

[Contact us](#)



[Subscribe to our newsletter](#) for the latest medication news, new drug approvals and FDA alerts.

**Drugs.com** provides accurate and independent information on more than 24,000 prescription drugs, over-the-counter medicines and natural products. This material is provided for educational purposes only and is not intended for medical advice, diagnosis or treatment. Data sources include Micromedex (updated 7 Apr 2025), Cerner Multum™ (updated 13 Apr 2025), ASHP (updated 10 Apr 2025) and others.



Ad Choices  
ADVERTISEMENT



Copyright © 2000-2025 Drugs.com. All rights reserved.