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2. Regadenoson

Regadenoson

Generic name: regadenoson [*re-ga-DEN-oh-son*]**Brand name:** [Lexiscan](#)**Dosage form:** intravenous solution (0.4 mg/5 mL)**Drug class:** [Cardiac stressing agents](#)[Medically reviewed](#) by Drugs.com on Mar 31, 2025. Written by [Cerner Multum](#).[Uses](#) [Side effects](#) [Warnings](#) [Before taking](#) [Dosage](#) [Interactions](#)

What is regadenoson?

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

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

Regadenoson 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:

- 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 side effects of regadenoson 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.

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

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Warnings

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

Before taking this medicine

You should not be treated with regadenoson if you are allergic to it, 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 regadenoson 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 regadenoson will harm an unborn baby. Tell your doctor if you are pregnant.

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

How is regadenoson given?

Regadenoson 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.

Regadenoson 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.

 [Detailed Regadenoson dosage information](#)

What happens if I miss a dose?

Since regadenoson 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 regadenoson?

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

What other drugs will affect regadenoson?

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

- [aminophylline](#);
- dipyridamole; or
- theophylline.

Other drugs may affect 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.

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

Does regadenoson interact with my other drugs?

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

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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

5.8 / 10

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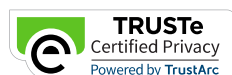
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