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2. Sodium hyaluronate

Sodium hyaluronate (injection)

Generic name: sodium hyaluronate (injection) [*SO-dee-um-HYE-al-yoo-RON-ate*]

Brand names: Durolane, Euflexxa, Gel-One, Gelsyn-3, GenVisc 850, ... [show all 14 brands](#)

Dosage form: intra-articular solution (10 mg/mL; 16.8 mg/2 mL; 20 mg/mL)

Drug class: [Viscosupplementation agents](#)



[Medically reviewed](#) by Drugs.com on Aug 14, 2023. Written by [Cerner Multum](#).

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

What is sodium hyaluronate?

[Sodium hyaluronate](#) is similar to the fluid that surrounds the joints in your body. This fluid acts as a lubricant and shock absorber for the joints.

Sodium hyaluronate is used to treat knee pain caused by [osteoarthritis](#).

Sodium hyaluronate is usually given when other [arthritis](#) medications have not been effective.

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

Sodium hyaluronate side effects

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

Sodium hyaluronate may cause serious side effects. Call your doctor at once if you have:

- severe pain or swelling around the knee after the injection.

Common side effects of sodium hyaluronate may include:

- warmth, pain, redness, stiffness, bruising, or puffiness where the medicine was injected;
- [nausea](#), stomach pain;
- trouble walking;
- swelling in your hands or feet;
- [back pain](#), [joint pain](#), [muscle pain](#);
- numbness or tingly feeling;
- [headache](#), dizziness; or

- runny or stuffy nose, sneezing, [sore throat](#).

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.

 [Sodium hyaluronate side effects](#) (more detail)

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Warnings

You should not receive a sodium hyaluronate injection if you have an [infection](#) in your knee or in the skin around your knee.

Before taking this medicine

You should not receive sodium hyaluronate if you are allergic to it, or if you have an infection in your knee or in the skin around your knee.

Sodium hyaluronate is not approved for use by anyone younger than 21 years old.

Tell your doctor if you have ever had:

- blood clots or circulation problems in your legs; or
- an [allergy](#) to birds, feathers, or egg products.

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

It may not be safe to breast-feed a baby while you are using this medicine. Ask your doctor about any risks.

How is sodium hyaluronate given?

Sodium hyaluronate is injected directly into your knee joint. A healthcare provider will give you this injection.

Sodium hyaluronate is usually given once every week for 3 to 5 weeks. Follow your doctor's dosing instructions very carefully.

To prevent pain and swelling, your doctor may recommend resting your knee or applying ice for a short time after your injection.

Read all patient information, medication guides, and instruction sheets provided to you. Ask your doctor or pharmacist if you have any questions.

Tell your doctor if your symptoms do not improve, or if they get worse.

Sodium hyaluronate dosing information

Usual Adult Dose for Osteoarthritis:

Hyalgan: 2 mL by intra-articular injection into the knee once weekly for 5 weeks

Supartz: 2.5 mL by intra-articular injection into the knee once weekly for 5 weeks

Use: For the treatment of pain in osteoarthritis (OA) of the knee in patients who have failed to respond adequately to conservative non-pharmacologic therapy and simple [analgesics](#) (e.g., [acetaminophen](#))

 [Detailed Sodium hyaluronate dosage information](#)

What happens if I miss a dose?

Call your doctor for instructions if you miss an appointment for your sodium hyaluronate injection.

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 after receiving sodium hyaluronate?

For at least 48 hours after your injection, avoid jogging, strenuous activity, or high-impact sports such as soccer or tennis. Also avoid weight-bearing activity or standing for longer than 1 hour at a time. Ask your doctor how long to wait before you resume these activities.

What other drugs will affect sodium hyaluronate?

Other drugs may affect sodium hyaluronate, 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.

 [Sodium hyaluronate drug interactions](#) (more detail)

Does sodium hyaluronate interact with my other drugs?

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

sodium hyaluronate

+

Enter a drug name

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Patient resources

- [Hyaluronate sodium advanced reading](#)
- [Hyaluronate and Derivatives Injection \(Knee\)](#)

Other brands

[Euflexxa](#), [Durolane](#), [Gelsyn-3](#), [Hyalgan](#), ... +2 more

Related treatment guides

- [Osteoarthritis](#)

Further information

- Your doctor can provide more information about sodium hyaluronate.

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.

[Medical Disclaimer](#)

DRUG STATUS

Availability

Rx Prescription only

Pregnancy & Lactation

 Risk data available

CSA Schedule*

N/A Not a controlled drug



User Reviews & Ratings

5.3 / 10

[651 Reviews](#)

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