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PATIENT & CAREGIVER EDUCATION

# Hyaluronate and Derivatives

This information from Lexicomp® explains what you need to know about this medication, including what it's used for, how to take it, its side effects, and when to call your healthcare provider.

## Brand Names: US

Amvisc; Amvisc Plus; Bionect; Durolane; Euflexxa; Gel-One; Gelsyn-3; GenVisc 850; Healon; Healon EndoCoat; Healon GV; Healon5; Hyalgan; HyGel [DSC]; Hymovis; Juvederm Ultra; Juvederm Ultra Plus; Juvederm Ultra Plus XC; Juvederm Ultra XC; Juvederm Voluma XC; Monovisc; Orthovisc; Perlane [DSC]; Perlane-L [DSC]; Provisc; Restylane Lyft; Restylane Silk; Restylane [DSC]; Restylane-L [DSC]; Supartz FX; Supartz [DSC]; Synvisc; Synvisc-One; Therapevo [DSC]

## Brand Names: Canada

Cystistat; Durolane; OrthoVisc; Suplasyn

## What is this drug used for?

### For use in the eye:

- It is used for eye surgeries.

### Injection (when given in the knee):

- It is used to treat arthritis of the knee.

### Injection (when given in the face):

- It is used to make the lips or cheeks fuller.
- It is used to lower the number of lines and wrinkles of the face and neck.

### Injection (when given in the hand):

- It is used to help with some hand problems.

### **All skin products:**

- It is used to promote healing of skin ulcers and wounds.

### **All products:**

- It may be given to you for other reasons. Talk with the doctor.

## **What do I need to tell my doctor BEFORE I take this drug?**

### **All products:**

- If you have an allergy to hyaluronic acid or any other part of this drug.
- If you are allergic to any drugs like this one, any other drugs, foods, or other substances. Tell your doctor about the allergy and what signs you had, like rash; hives; itching; shortness of breath; wheezing; cough; swelling of face, lips, tongue, or throat; or any other signs.
- If you are using a product that contains ammonium salts or chlorhexidine to clean the area.

### **All injection products:**

- If you have bleeding problems.
- If you have an infection or skin problem where the shot will be given.

### **Injection (when given in the face):**

- If you have an implant where the shot will be given.

This is not a list of all drugs or health problems that interact with this drug.

Tell your doctor and pharmacist about all of your drugs (prescription or OTC, natural products, vitamins) and health problems. You must check to make sure that it is safe for you to take this drug with all of your drugs and health problems. Do not start, stop, or change the dose of any drug without checking with your doctor.

# What are some things I need to know or do while I take this drug?

## All products:

- Tell all of your health care providers that you take this drug. This includes your doctors, nurses, pharmacists, and dentists.
- Tell your doctor if you are pregnant or plan on getting pregnant. You will need to talk about the benefits and risks of using this drug while you are pregnant.
- Tell your doctor if you are breast-feeding. You will need to talk about any risks to your baby.

## Foam:

- Do not use near an open flame or while smoking. It may burst.

## Injection (when given in the knee):

- Avoid activity for 48 hours or as you have been told by your doctor.
- Do not stand on your feet for more than 1 hour at a time during the first 48 hours after getting this drug.

## Injection (when given in the face or hand):

- If you will be having any kind of skin therapy on the treated part like hair removal, radiation, or peeling procedures, talk with your doctor.
- Avoid sun, sunlamps, and tanning beds until the swelling and redness is gone.
- Avoid cold weather until swelling and redness is gone.

## Injection (when given in the hand):

- Some side effects have lasted for more than 96 days after getting this drug. This includes how much the thumb is able to move. The risk of these side effects is raised by using the treated hand a lot or by injury to the treated hand.
- If this drug is given into a tendon, the tendon could get weak or tear. If you

have questions, talk with your doctor.

## **What are some side effects that I need to call my doctor about right away?**

**WARNING/CAUTION:** Even though it may be rare, some people may have very bad and sometimes deadly side effects when taking a drug. Tell your doctor or get medical help right away if you have any of the following signs or symptoms that may be related to a very bad side effect:

### **All products:**

- Signs of an allergic reaction, like rash; hives; itching; red, swollen, blistered, or peeling skin with or without fever; wheezing; tightness in the chest or throat; trouble breathing, swallowing, or talking; unusual hoarseness; or swelling of the mouth, face, lips, tongue, or throat.
- Very bad irritation where this drug is used.
- Very bad swelling.

### **For use in the eye:**

- Change in eyesight.
- Eye pain.

### **All other injection products:**

- Change in skin color where the shot was given.

### **Injection (when given in the knee):**

- Very bad knee pain.

### **Injection (when given in the face or hand):**

- Very bad and sometimes deadly side effects have happened when this drug was given into a blood vessel. Call your doctor right away if your skin turns white, if you have pain during or right after getting this drug, or if you have a change in eyesight. Call your doctor right away if you have signs of a stroke like weakness, confusion, trouble speaking or thinking, drooping on one side

of the face, or change in balance.

### **Injection (when given in the face):**

- Loss of eyesight and other eyesight changes have happened when this drug was given into the face. Call your doctor right away if you have any change in eyesight.

## **What are some other side effects of this drug?**

All drugs may cause side effects. However, many people have no side effects or only have minor side effects. Call your doctor or get medical help if any of these side effects or any other side effects bother you or do not go away:

### **All products:**

- Irritation where this drug is used.

### **All injection products other than eye injection:**

- Swelling where this drug is used.
- Bruising.

### **Injection (when given in the knee):**

- Mild pain, stiffness, or warmth in or by the knee.
- Back pain.
- Muscle pain.

These are not all of the side effects that may occur. If you have questions about side effects, call your doctor. Call your doctor for medical advice about side effects.

You may report side effects to your national health agency.

## **How is this drug best taken?**

Use this drug as ordered by your doctor. Read all information given to you. Follow all instructions closely.

### **All injection products:**

- It is given as a shot.

### **All skin products:**

- Do not take this drug by mouth. Use on your skin only. Keep out of your mouth, nose, and eyes (may burn).
- Wash your hands before and after use. Do not wash your hands after use if putting this on your hand.
- Clean affected part before use. Make sure to dry well.
- Put a thin layer on the affected skin.
- Cover the wound with a clean dressing.
- Do not use this drug for longer than you were told by your doctor.
- Talk with your doctor before you use other drugs or products on your skin.

## **What do I do if I miss a dose?**

### **All injection products:**

- Call your doctor to find out what to do.

### **All skin products:**

- Put on a missed dose as soon as you think about it.
- If it is close to the time for your next dose, skip the missed dose and go back to your normal time.
- Do not put on 2 doses at the same time or extra doses.

## **How do I store and/or throw out this drug?**

### **All skin products:**

- Store at room temperature. Do not freeze.
- Be sure you know how long you can store this drug before you need to throw it away.
- Store in a dry place. Do not store in a bathroom.

### **Foam:**

- Protect from heat or open flame. Do not puncture or burn even if it seems empty.

### **All injection products:**

- If you need to store this drug at home, talk with your doctor, nurse, or pharmacist about how to store it.

### **All products:**

- Keep all drugs in a safe place. Keep all drugs out of the reach of children and pets.
- Throw away unused or expired drugs. Do not flush down a toilet or pour down a drain unless you are told to do so. Check with your pharmacist if you have questions about the best way to throw out drugs. There may be drug take-back programs in your area.

## **General drug facts**

- If your symptoms or health problems do not get better or if they become worse, call your doctor.
- Do not share your drugs with others and do not take anyone else's drugs.
- Keep a list of all your drugs (prescription, natural products, vitamins, OTC) with you. Give this list to your doctor.
- Talk with the doctor before starting any new drug, including prescription or OTC, natural products, or vitamins.
- Some drugs may have another patient information leaflet. If you have any questions about this drug, please talk with your doctor, nurse, pharmacist, or other health care provider.
- If you think there has been an overdose, call your poison control center or get medical care right away. Be ready to tell or show what was taken, how much, and when it happened.

## **Consumer Information Use and Disclaimer**

This information should not be used to decide whether or not to take this medicine or any other medicine. Only the healthcare provider has the

knowledge and training to decide which medicines are right for a specific patient. This information does not endorse any medicine as safe, effective, or approved for treating any patient or health condition. This is only a brief summary of general information about this medicine. It does NOT include all information about the possible uses, directions, warnings, precautions, interactions, adverse effects, or risks that may apply to this medicine. This information is not specific medical advice and does not replace information you receive from the healthcare provider. You must talk with the healthcare provider for complete information about the risks and benefits of using this medicine.

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If you have any questions, contact a member of your healthcare team directly. If you're a patient at MSK and you need to reach a provider after 5:00 PM, during the weekend, or on a holiday, call 212-639-2000.

For more resources, visit [www.mskcc.org/pe](http://www.mskcc.org/pe) to search our virtual library.

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