

 made
in
Germany



VARIOVISC[®]

viscosupplement for osteoarthritis



Solution for your pain-free activities

- Regain your activity
- No or less pain
- Slow down the knee joint degeneration
- Postpone or avoid knee operation


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Osteoarthritis

If you are suffering from osteoarthritis (OA) in the knee, then you have experienced symptoms such as pain and physical immobility that interfere with your daily life.

How does OA happen?

In the OA knee, joint fluid is lost or decreased, the tissue between bones (cartilage) degenerates and bones come into direct contact. This causes pain and inflammation (swelling, itching, redness etc.) that only progress in time.

There is no cure for the OA knee, but there are therapies to slow down and reduce the symptoms, such as weight loss, oral drugs, corticosteroid injections, operation and viscosupplementation.



How does viscosupplementation work?

Viscosupplementation is a method by which Hyaluronic acid (HA) is injected directly into the knee joint.

What is VARIOVISC®?

VARIOVISC® is a new viscosupplement based on hyaluronic acid for the treatment of knee osteoarthritis. After it is injected into the knee joint, VARIOVISC® positions itself between the bones, acting as a joint lubricant that mechanically and locally thereby helps the knee joint. VARIOVISC® cushions the joint enabling the cartilage recovery, decreases the symptoms of pain and helps to regain physical mobility.

How long do the effects last?

The benefits last the following 6 to 12 months after treatment.

How is it injected?

VARIOVISC® is administered as an injection into the knee joint. Treatment can be repeated for 2 or 3 more times. It must be performed under sterile condition by a medical professional.

Are there adverse reactions?

VARIOVISC® can cause transient pain, swelling and other side effects involving the injected joint such as redness, itching etc., lasting 1 to 4 days (in some cases 7 days).

For more information ask your doctor.



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Safety

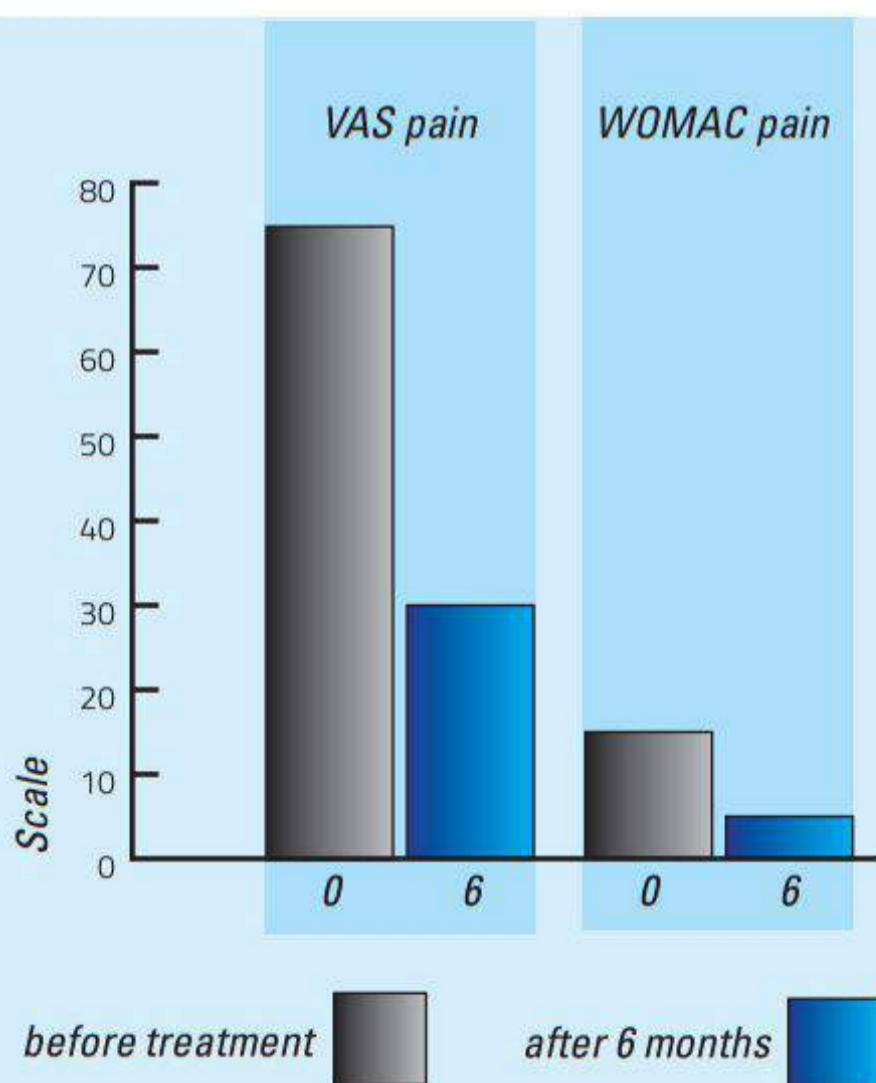
All appropriate tests for safety of VARIOVISC® (so called biocompatibility tests) have been made. These tests are performed according to the newest international norms and standards.

Clinical data

A first study in 20 patients treated with VARIOVISC® showed significant pain reduction after 6 months follow-up.

A second study in 62 patients treated with VARIOVISC® showed significant pain relief after 3 and 6 months.

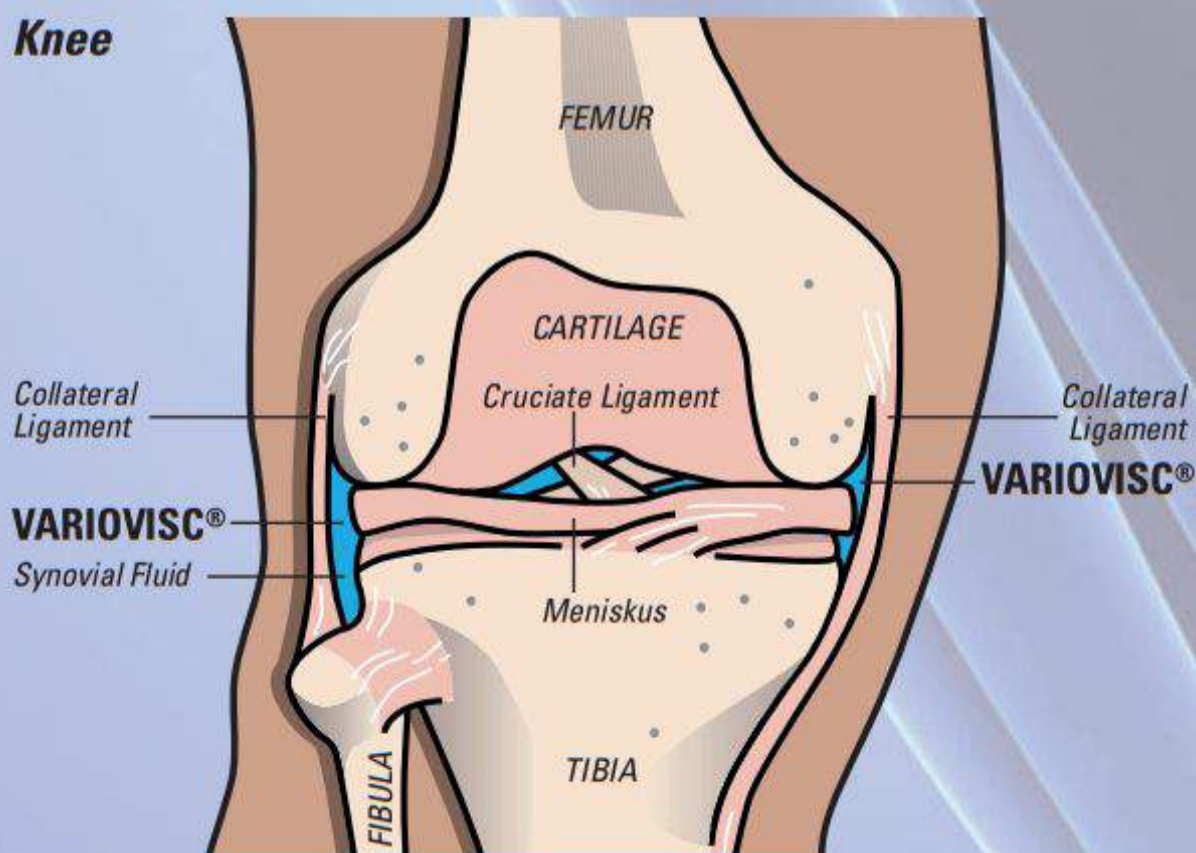
Chart shows pain decrease in osteoarthritis patients 6 months after VARIOVISC® injections. Pain level is measured by two international renowned methods: Visual Analog Scale for Pain – VAS and Western Ontario and McMaster Universities Arthritis Index – WOMAC.



- **Highest HA concentration among viscosupplements**
- **Less pain**
- **Regained mobility**
- **Lasting results**
- **Non-surgical approach**

Injection of VARIOVISC® into the synovial space

Knee



VARIOVISC® is a new viscosupplement specifically designed to act like a young, healthy joint fluid in order to provide a long lasting pain relief and help the patient to regain the physical mobility.

VARIOVISC® is a hyaluronic acid (HA) based hydrogel of non-animal origin produced by bacterial biofermentation process.

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How does VARIOVISC® work?

- lubricates knee joint
- acts locally
- reduces pain

VARIOVISC® is positioned between the bones acting as a lubricant and a cushion.



Non-crosslinked HA



*VARIOVISC®
high-crosslinked HA*



www.variovisc.com

VARIOVISC® is manufactured in Germany under the highest quality standards and latest technology.

N.B.: This product is exclusively intended for use by a trained medical professional in intra-articular injections. The information contained in this leaflet is not complete. It will familiarise you with VARIOVISC® but cannot provide all the details which may be relevant to your particular medical needs. Ask your doctor for more information about composition, indications, contra-indications, incompatibilities and side effects.

General distribution by:



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