

Indication of **ChondroFiller**[®] liquid

The application is used to treat cartilage damage grade III and IV in various joints such as knee, ankle, hip or shoulder joint, as well as in the small joints of the hand. Indications include localized cartilage injuries, subchondral and osteochondral defects.

Postoperative follow-up treatment

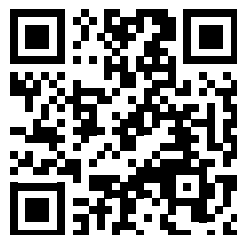
After the wound has been closed, the joint is immobilised with an orthosis for 48 hours. The treatment is followed by an individualized post-treatment phase in which the load is gradually increased. The recovery period can vary from person to person.

Side effects

In very rare cases, hypersensitivity or allergic reactions to collagen or other ingredients cannot be excluded.

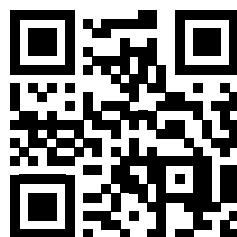
Your doctor will explain the general risks of surgery to you. Please read this product information carefully and discuss any unanswered questions with your surgeon.

We wish you a successful surgery and a quick recovery!



Animation of the application of **ChondroFiller**[®] liquid in large joints on YouTube

<https://youtu.be/-WADSomz8H4>



Visit us on the web

www.meidrix.de/en

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ChondroFiller[®] liquid
Orthobiological cartilage implant

Patient education

ChondroFiller® liquid

Patient education

Dear patient,

You have been diagnosed with damage to the articular cartilage and your doctor has discussed a possible treatment with **ChondroFiller®** liquid.

We will be happy to inform you.

Why cartilage regeneration?

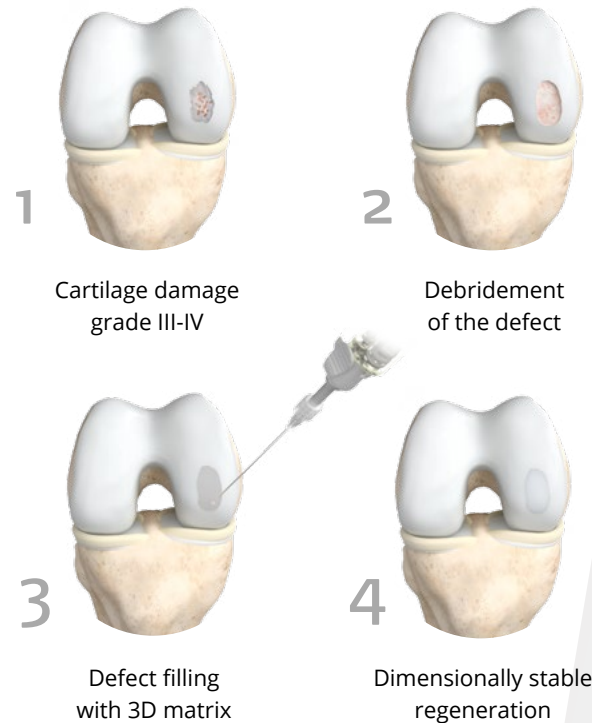
Over 5 million patients suffer cartilage damage every year. The knee joint is most commonly involved, but other joints such as the hip, ankle, shoulder, thumb or metatarsophalangeal joint can also be affected.

Compared to other tissues, the articular cartilage has no blood or nerve supply, so it has poor healing potential in the event of injury. Untreated cartilage damage can increase the risk of osteoarthritis and impair joint function in the long term.

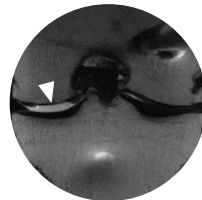
What is ChondroFiller® liquid?

ChondroFiller® liquid is an orthobiologic cartilage implant of the latest generation for the treatment of joint cartilage damage.

ChondroFiller® liquid consists of a pure, native collagen matrix and buffer solution in a unique dual-chamber syringe, which is inserted into the defect in liquid form. When applied to the joint, the two components mix and the defect is filled with this attractive scaffold for cell migration.



Knee joint:
Cartilage implant,
6 weeks post-operative



Knee joint:
Cartilage implant,
6 months post-operative



Thumb saddle joint:
Injection of
the liquid matrix
ChondroFiller® liquid



Thumb saddle joint:
Widening of the joint space
after injection and gelling of
ChondroFiller® liquid



Quality and safety

The production of **ChondroFiller®** liquid is strictly controlled. The CE-certified medical device is the result of decades of research in cooperation with the Fraunhofer Society.

Treatment with ChondroFiller® liquid

Our orthobiologic cartilage implant **ChondroFiller®** liquid uses patented technology to enable the body's own regeneration of damaged joint cartilage and has now been used in over 20,000 patients.

The implant forms a protective scaffold in the defect area and at the same time provides an attractive matrix for cell migration from the surrounding tissue. This induces the body's own regeneration of articular cartilage tissue. The treatment only requires a single arthroscopic or minimally open operation. The thumb saddle joint is treated with a single injection.

Surgical technique

The implantation in the large joints is performed by arthroscopic or minimally open surgery, depending on the location and size of the defect. Please discuss the most suitable surgical method for you as part of your preliminary consultation with your doctor.

The grade and extent of the cartilage defect is carefully determined and any damaged cartilage tissue is removed. The defect zone is filled with the liquid implant. Gelation takes place a few minutes after the components have been mixed, as a result, complete coverage of the defect can be achieved. (Illustration 1 – 4)

Treatment of rhizarthrosis in the thumb saddle joint is carried out under ultrasound guidance by application into the defect.