

# About **ChondroFiller**<sup>®</sup> liquid

## Biological collagen matrix

**ChondroFiller**<sup>®</sup> liquid is an orthobiological cartilage implant of the latest generation for the regenerative treatment of articular cartilage damage.

The unique, patented **ChondroFiller**<sup>®</sup> liquid technology is a cell-free, highly purified, native, liquid collagen matrix delivered in a ready-to-use dual-chamber syringe. After application, it gels within minutes filling the cartilage defects of joints. In rhizarthrosis treatment, it serves as a spacer and protective layer between the affected bones, promotes cell ingrowth, induces matrix-associated self-organization, and promotes cartilage regeneration.



Orders to: [order@meidrix.de](mailto:order@meidrix.de)

Product	Product description	Order number
<b>ChondroFiller</b> <sup>®</sup> liquid	Volume 1.0 mL	HCFL-10

Manufacturer:

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# **ChondroFiller**<sup>®</sup> liquid

Treatment for rhizarthrosis

**meidrix**  
Improving Collagen. Improving Life.

# Cartilage implant **ChondroFiller**<sup>®</sup> liquid

## Patented matrix implantation technology

The collagen matrix **ChondroFiller**<sup>®</sup> liquid has been used successfully since 2013 for regenerative therapy of articular cartilage defects in joints. Recent studies<sup>1,2</sup> have demonstrated promising long-term outcomes when using **ChondroFiller**<sup>®</sup> liquid to treat thumb carpometacarpal osteoarthritis (rhizarthrosis), with sustained pain relief accompanied by improved strength in pincer and grip movements<sup>3</sup>. Intra-articular injection of **ChondroFiller**<sup>®</sup> liquid has been radiographically shown to widen the narrowed joint space.



### Advantages of using **ChondroFiller**<sup>®</sup> liquid

- Easy application thanks to ready-to-use dual-chamber syringe
- Therapy via a single intra-articular injection
- Immediate widening of the joint space and formation of a stable spacer through gelling of **ChondroFiller**<sup>®</sup> liquid
- Sustained improvement of pain symptoms (NRS score)<sup>4</sup>
- Improved function and grip strength (DASH score)<sup>4</sup>

<sup>1</sup> Corain M, Zanotti F, Giardini M, Gasperotti L, Invernizzi E, Biasi V, Lavagnolo U. (2023): The use of an acellular collagen matrix (ChondroFiller<sup>®</sup> Liquid) for trapeziometacarpal osteoarthritis. Journal of Arthritis 12(1):1-5. doi:10.2684-124X.2023.12.1.10001

<sup>2</sup> Corain M, Faccioli N, Lavagnolo U. (2025): The use of collagen-based filler for trapeziometacarpal osteoarthritis: long-term follow-up and future applications. Cartilage. 2025;1-8 doi:10.1177/19476035251354926

<sup>3</sup> Pictures courtesy of Dr. Lavagnolo and Dr. Corain

<sup>4</sup> NRS = numeric pain score questionnaire;  
DASH score = Disabilities of the Arm, Shoulder and Hand questionnaire

Intra-articular injection of the liquid matrix **ChondroFiller**<sup>®</sup> liquid

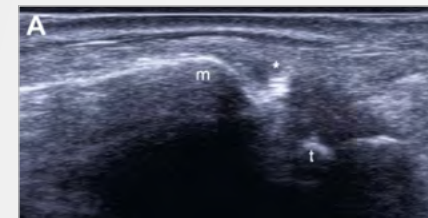


Widening of the joint space by injection and gelling of **ChondroFiller**<sup>®</sup> liquid

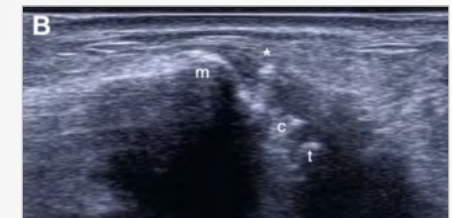


Ultrasound guided injection into the trapeziometacarpal joint

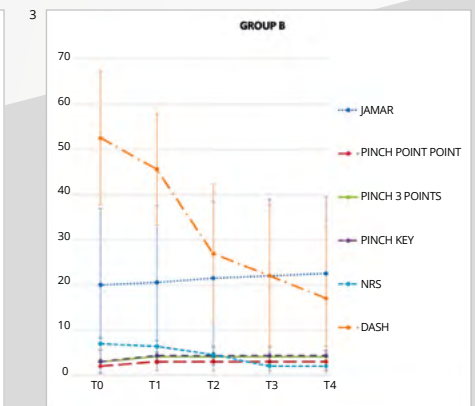
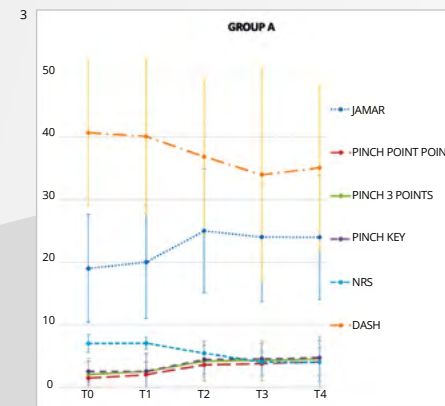
\* = needle; m = metacarpal; t = trapezium; c = **ChondroFiller**<sup>®</sup> liquid



A before intra-articular injection



B after intra-articular injection



Graphical trend of NRS<sup>4</sup> score, DASH<sup>4</sup> score and pinch tests in patients with stage I-II (group A) and stage III-IV (group B) osteoarthritis of the carpometacarpal (CMC) joint.

T0 = injection of **ChondroFiller**<sup>®</sup> liquid T1 = 2 months after injection T2 = 6 months after injection  
T3 = 12 months after injection T4 = 24 months after injection