SURGICAL TECHNIQUE

# CartiMax® FA

## Viable Cartilage Allograft for the Foot & Ankle

Talar Application

1st Metatarsal

Functioning Viable Chondrocytes & Chondrogenic Growth Factors[1]

Optimal, Putty-Like Handling Properties

24 Month Shelf-Life

In2Bones

a CONMED company

# CartiMax® FA

## Viable Cartilage Allograft for the Foot & Ankle

**Viable Chondrocytes**

**Optimal Handling Properties**

**24 Month Shelf-Life**

**CartiMax® FA** Viable Cartilage Allograft from In2Bones, in partnership with MTF Biologics offers an off-the-shelf solution for treating cartilage lesions in the foot and ankle.

### Viable Chondrocytes

Characterization testing of CartiMax® FA verifies the presence of functioning viable chondrocytes & chondrogenic growth factors.[1]

Multiple studies have demonstrated that chondrocytes migrate and proliferate from the cartilage fibers and secrete components found in hyaline cartilage.[2-4]

### Optimal Handling Properties

Unlike other solutions that may require templates, trimming, gluing, suturing or other fixation methods, CartiMax® FA has putty-like handling properties and easily conforms to defects of different shapes and sizes.



In Partnership with: mtfbiologics

[1] Data on File, MTF Biologics. [2] Albrecht F, Roessner A, Zimmermann E. Closure of osteochondral lesions using chondral fragments and fibrin adhesive. Archives of orthopaedic and traumatic surgery Archiv fur orthopadische und Unfall-Chirurgie. 1983;101:213–7. [PubMed]. [3] Lu Y, Dhanaraj S, Wang Z, et al. Minced cartilage without cell culture serves as an effective intraoperative cell source for cartilage repair. Journal of orthopaedic research: official publication of the Orthopaedic Research Society. 2006;24:1261–70. [PubMed]. [4] Frisbie DD, Lu Y, Kawcak CE, DiCarlo EF, Binette F, McIlwraith CW. In vivo evaluation of autologous cartilage fragment-loaded scaffolds implanted into equine articular defects and compared with autologous chondrocyte implantation. The American journal of sports medicine. 2009;37(Suppl 1):71S–80S.

## CartiMax® FA Preparation Guide

1 Remove the 3 components from box.

2 Using standard aseptic/sterile technique, place into the sterile field.

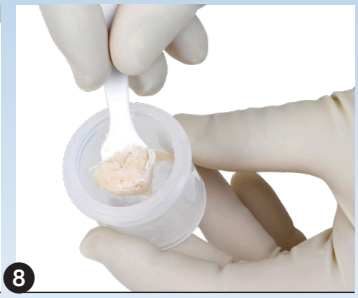
3 Thaw Fibers in warm sterile irrigant for approximately 20 minutes. Note: Decant per procedure immediately after thawing.

4 Immediately after thawing the Fibers, put the strainer cap on the jar. Drain the fluid from the Fibers.

5 Fill jar with sterile irrigant (saline or 5% Dextrose in Lactated Ringer's Solution).

6 Decant the sterile irrigant following the instruction from step 4.

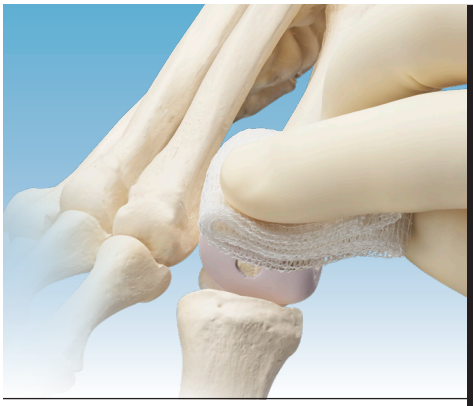
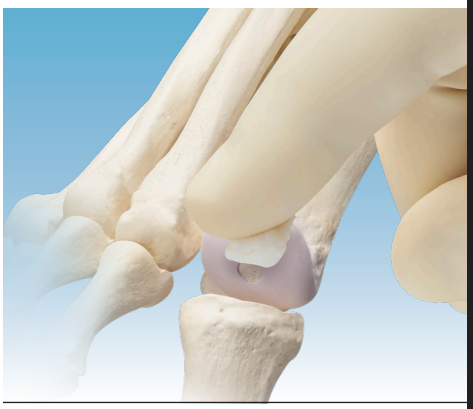
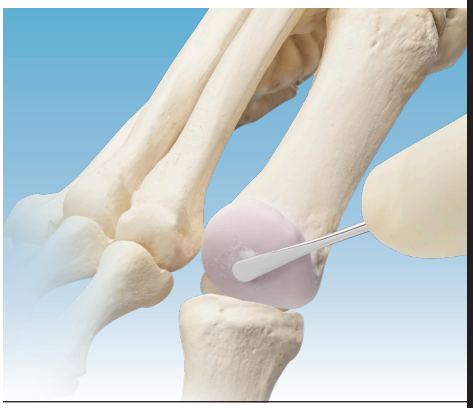
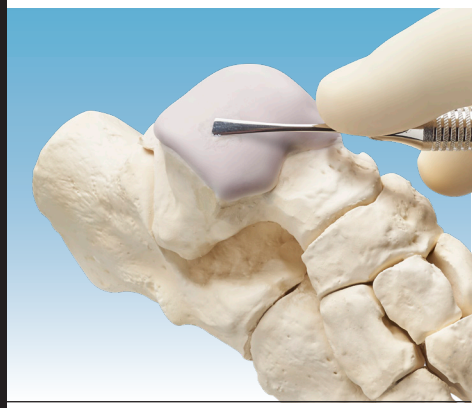
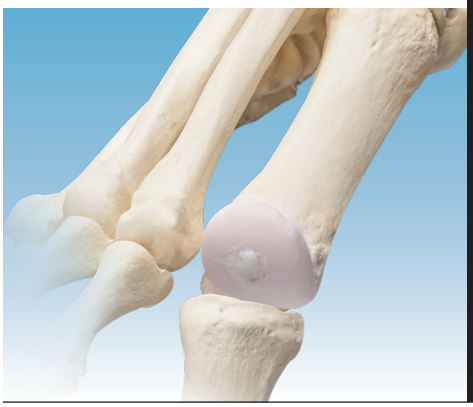
7 Open the Cartilage Allograft Matrix and pour it into the jar of Fibers.



8 Using the spatula, mix the Cartilage Allograft Matrix and Fibers together. CartiMax® FA is now ready to use.

# CartiMax® FA

Viable Cartilage Allograft for the Foot & Ankle

| 1st Metatarsal | Lateral Talus | |
|---|---|---|
|  |  | Prepare the lesion by exposing the defect and debriding until it has stable margins and defined edges.<br><br>Assure the lesion is dry. Surgical sponges or sterile cotton swabs can assist in drying the lesion.<br><br>**Note:** *Do not microfracture prior to applying CartiMax® FA.* |
|  |  | Using a fingertip, or a freer, press fit CartiMax® FA into the lesion.<br><br>**Note:** *It is recommended that the user applies a small amount of graft to start and add additional graft to the lesion as needed to fill the defect.* |
|  |  | Smooth CartiMax® FA flush with surrounding healthy cartilage.<br><br>**Note:** *If desired, fibrin glue can be applied over top of lesion. It is not required. Studies have shown CartiMax® FA to stay in place without the use of fibrin glue.** |
|  |  | Close surgical site by preferred method.<br><br>There is no curing or hardening period for CartiMax® FA. The surgical site may be closed immediately after application.<br><br>**Note:** *Do not flush the joint after applying CartiMax® FA.* |

*Data on file. CartiMax Retention Study by MTF.

# CartiMax® FA

## Viable Cartilage Allograft for the Foot & Ankle

### Ordering Information

| Description | Catalog Number |
|---|---|
| CartiMax® FA Viable Cartilage Allograft | 401210 |

In Partnership with: mtfbiologics

*Processed by:*
Musculoskeletal Transplant Foundation
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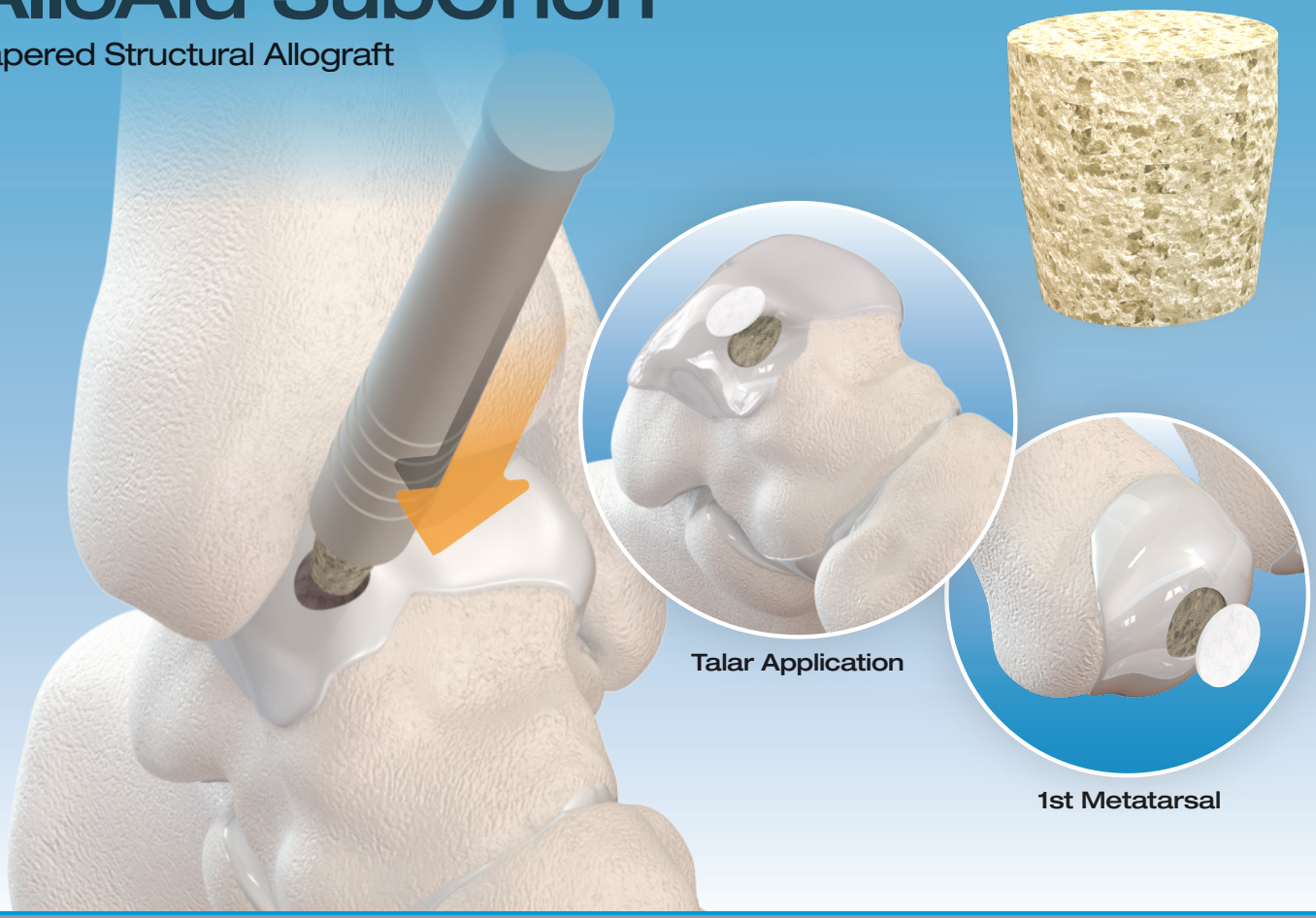
Edison, New Jersey 08837
www.mtfbiologics.org

**ALSO AVAILABLE**

# AlloAid SubChon™

## Tapered Structural Allograft



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