

# ProChondrix<sup>®</sup> CR

## Cryopreserved Fresh Osteochondral Allograft

**Operative technique**  
Metatarsophalangeal joint



## Description and indication

---

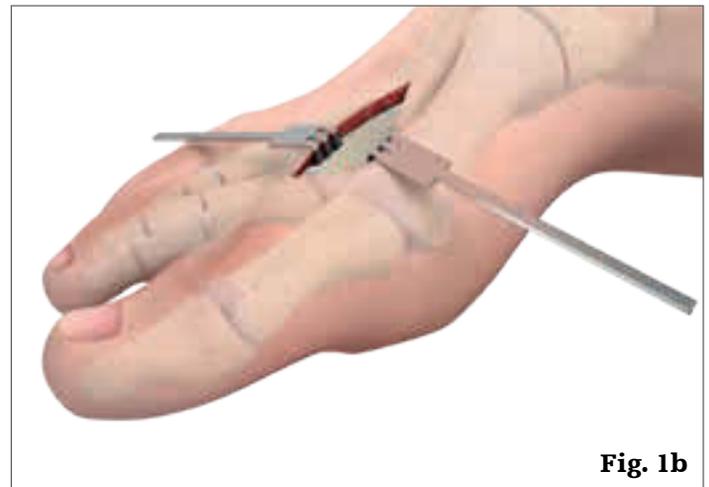
ProChondrix CR is a cryopreserved fresh osteochondral allograft product that may be used in a variety of orthopedic reconstructive procedures to aid in repair of articular cartilage.

## Operative technique

---

### Step 1 - Surgical approach

The patient should be placed into the supine position. A standard dorsal incision of the metatarsophalangeal joint is created (Fig. 1a). Complete exposure of the metatarsophalangeal joint is performed (Fig 1b). Manual distraction or external fixation device may be utilized to maintain access to the osteochondral defect throughout the procedure.



### Step 2 - Defect sizing

The osteochondral defect is identified and marked. ProChondrix sizer set can be utilized to determine the borders and size of the defect (Fig 2).



### Step 3 - Lesion excision

Using a #15 blade or curette, sharply outline the borders of the osteochondral defect. Using the ProChondrix Instrument set excise the osteochondral defect including all damaged and loose cartilage (Fig 3).

The defect should be debrided to the subchondral bone layer. The native articular cartilage is debrided to perpendicular borders. If further clean up is necessary use a curette to ensure good vertical walls around the defect. In some circumstances, the subchondral bone may require further debridement to allow the ProChondrix CR graft to sit flush with the native cartilage.



Fig. 3

### Step 4 - Graft preparation

Accurately measure the osteochondral defect. Trim the ProChondrix CR graft to fit the osteochondral defect with scissors or #15 blade. The ProChondrix CR graft will need to be slightly smaller than the osteochondral defect in order for the graft to fit the defect appropriately (Fig 4).

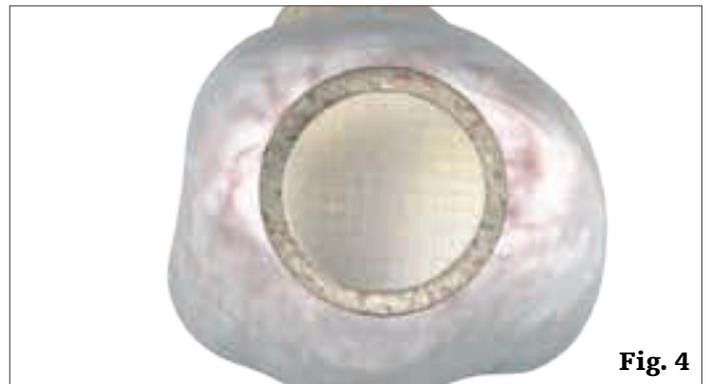


Fig. 4

### Step 5 - Implantation

The osteochondral defect is then prepared for ProChondrix CR application by completely drying the defect using gauze or cotton tip applicator. Bleeding from the osteochondral defect should be minimized.

Implant the ProChondrix CR graft into the prepared osteochondral defect. Graft fixation should be done using the surgeon's preferred material and technique. Ensure the graft does not protrude above the surrounding native articular cartilage surface (Fig 5).



Fig. 5

### Step 6 - Closure

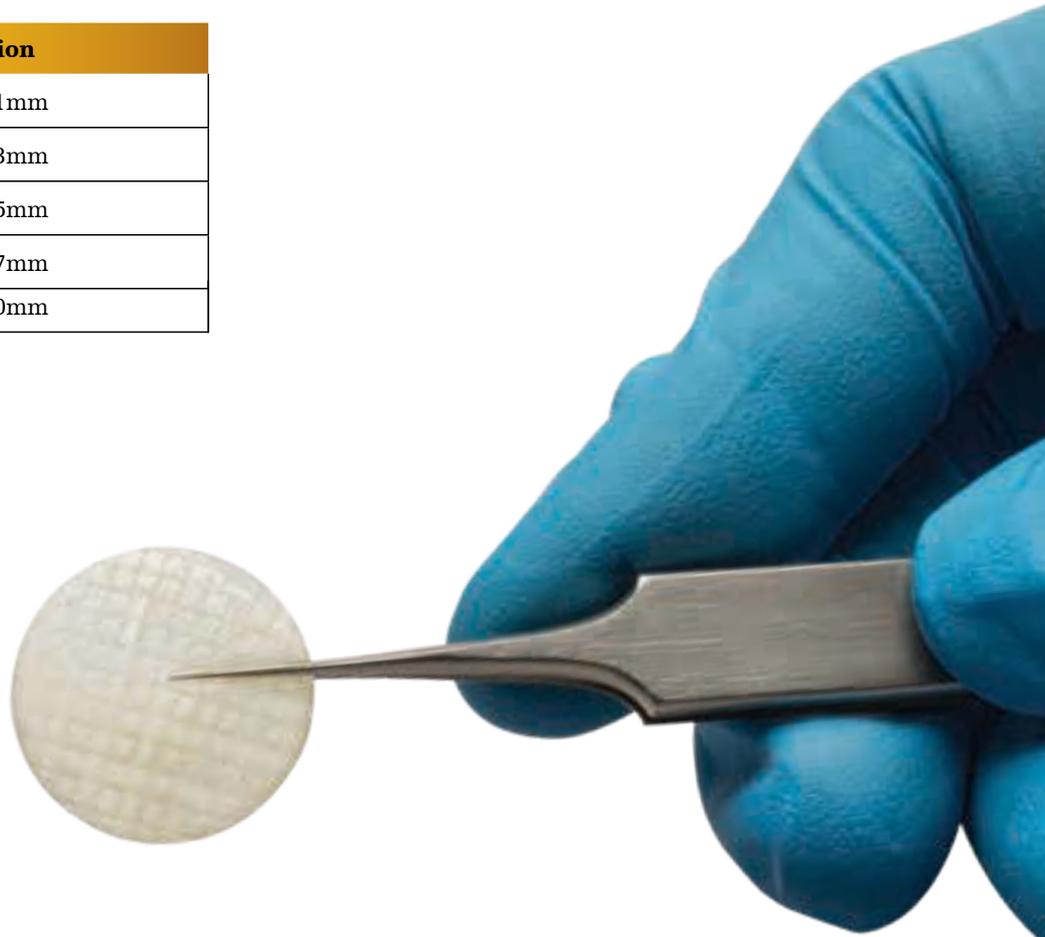
Wound closure is performed per the surgeon's preference (Fig 6).



Fig. 6

## Ordering information

Ref #	Product description
<b>3102-2711CR</b>	ProChondrix CR, 11mm
<b>3102-2713CR</b>	ProChondrix CR, 13mm
<b>3102-2715CR</b>	ProChondrix CR, 15mm
<b>3102-2717CR</b>	ProChondrix CR, 17mm
<b>3102-2720CR</b>	ProChondrix CR, 20mm



## Trauma & Extremities

This document is intended solely for the use of healthcare professionals. A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery.

The information presented is intended to demonstrate a Stryker product. A surgeon must always refer to the package insert, product label and/or instructions for use, including the instructions for Cleaning and Sterilization (if applicable), before using any Stryker product. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Stryker representative if you have questions about the availability of Stryker products in your area.

Stryker Corporation or its divisions or other corporate affiliated entities own, use or have applied for the following trademarks or service marks: Stryker. All other trademarks are trademarks of their respective owners or holders.

ProChondrix is a registered trademark of AlloSource.

This document is only approved for use in the USA.

Content ID: PCH-STO-1\_Rev-1, 09-2018  
Copyright © 2018 Stryker

### Distributed by:

Stryker  
325 Corporate Drive  
Mahwah, NJ 07430  
[stryker.com](http://stryker.com)

### Manufactured by:

AlloSource  
6278 S. Troy Cir.  
Centennial, CO 80111  
t: 800 557 3587

