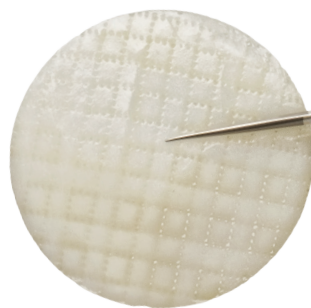


# ProChondrix<sup>®</sup> CR

**CRYOPRESERVED OSTEOCHONDRAL  
ALLOGRAFT**

Viable Hyaline Cartilage Allograft for the  
Repair and Replacement of Articular Cartilage



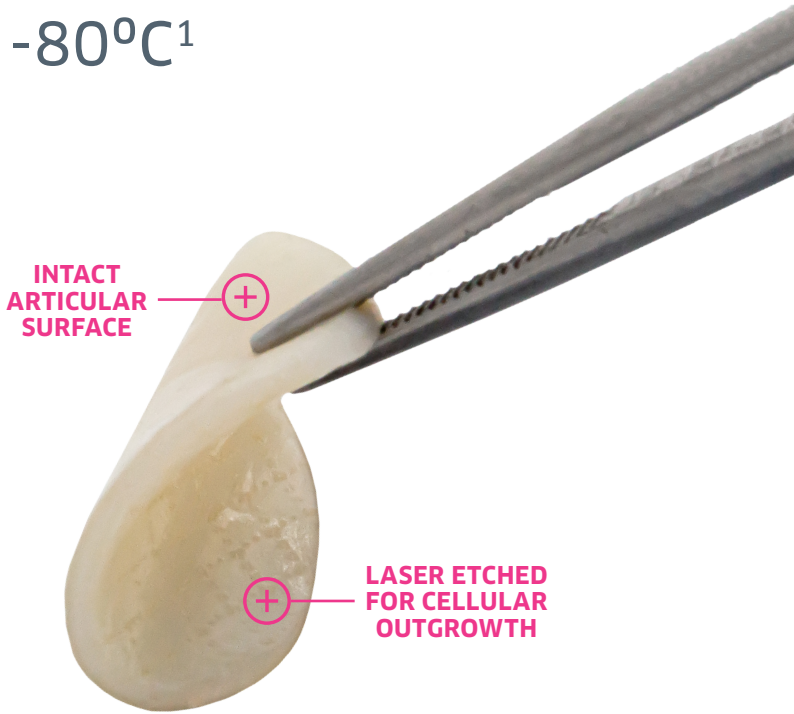
MAKE PROCHONDRIX<sup>®</sup> CR PART  
OF YOUR TREATMENT PLAN



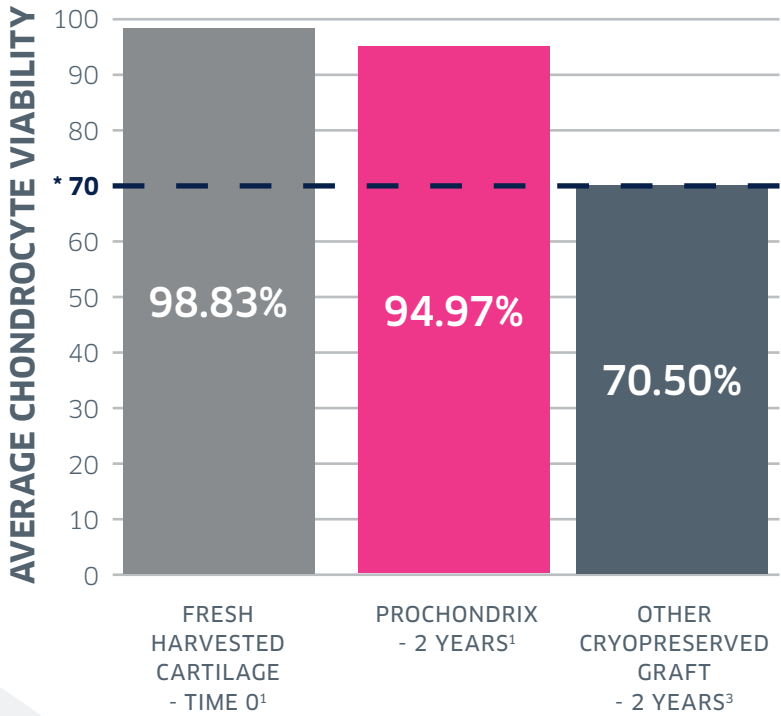
PROCHONDRIX CR IS A CARTILAGE IMPLANT WITH **94.97% CHONDROCYTE VIABILITY** AFTER 2 YEARS OF STORAGE AT -80°C<sup>1</sup>

⊕ ProChondrix CR is a cryopreserved osteochondral allograft providing a:

- Cost effective, single stage cartilage restoration procedure
- Trimmable and flexible graft for easy manipulation during implantation
- Range of sizes for cartilage defects throughout the body



**CRYOPRESERVED CARTILAGE VIABILITY AFTER TWO YEARS OF STORAGE**  
MINIMUM ACCEPTED VIABILITY OF 70%<sup>2</sup>



*Chondrocyte viability is maintained by processing tissue within 72 hours of cartilage donation.<sup>1</sup>*

PROCHONDRIX CR IS THE RESULT OF 25+ YEARS OF CARTILAGE EXPERTISE

⊕ Native Growth Factors and Extracellular Matrix

ProChondrix CR is shown to retain the native growth factors and extracellular matrix necessary for cartilage restoration<sup>1</sup>:



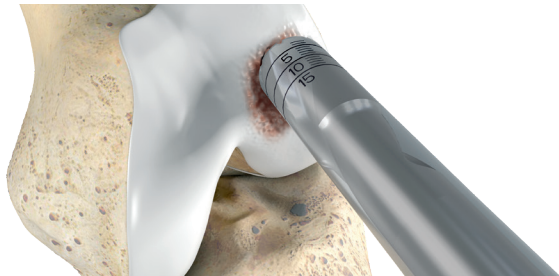
⊕ Clinical Evidence

In a clinical cohort of 17 patients treated with ProChondrix, (mean 2.3 years, range 6-43 months) patients averaged statistically significant changes in SF-36, KOOS, Subjective IKDC, Tegner and VAS<sup>\*,4</sup>

- KOOS: +29.1
- Subjective IKDC scores: increased from 37.60 to 65.81, p = .003
- SF-36, Physical Functioning: +35.6
- Tegner scores: increased from 1.16 to 5.41, p = .005
- VAS score: decrease from 5.98 to 1.29, p < .001



⊕ Surgical Technique



- Use the disposable instruments to size and debride the defect
- When the defect is debrided, prepare a bleeding bone bed



- If fibrin sealant is used, apply fibrin sealant to the bleeding bone bed for fixation
- Implant the graft with the laser etching side towards the bone
- Apply fibrin sealant on top of the graft to complete the fixation

<sup>1</sup>KOOS = Knee Injury and Osteoarthritis Outcome Score, IKDC = International Knee Documentation Committee, VAS = Visual Analog Scale

## GRAFT PART NUMBERS AND SIZING

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### ACTUAL SIZE



**11MM**

735471110



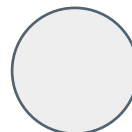
**13MM**

735471310



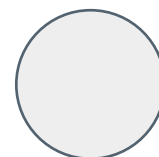
**15MM**

735471510



**17MM**

735471710



**20MM**

735472010



## DISPOSABLE INSTRUMENT PART NUMBERS

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58160-11 | 11MM

58160-17 | 17MM

58160-13 | 13MM

58160-20 | 20MM

58160-15 | 15MM

58161-01 | SIZER SET

**TO ORDER OR FOR MORE INFORMATION CALL 800. 557. 3587**

### REFERENCES

1. Rorick et al. Cryopreserved, Thin, Laser-Etched Osteochondral Allograft maintains the functional components of articular cartilage after 2 years of storage. J Orthop Surg and Res 2020; 15:521.
2. Cook JL, Stannard JP, et al. Importance of Donor Chondrocyte Viability for Osteochondral Allografts. Am J Sports Med 2016; 44(5): 1260-1268.
3. Geraghty, S. et al. A novel, cryopreserved, viable osteochondral allograft designed to augment marrow stimulation for articular cartilage repair. J Ortho Surg 2015; 10(1):66.
4. Metha, V. et al. Clinical results of a novel fresh cartilage allograft for focal articular cartilage defects. Poster presented at: International Cartilage Repair Society Summit; 2019; Jan 17-18; San Diego, CA.



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