

## Precut Fresh Osteochondral Allograft Cores



*For the biologic and structural repair of full-thickness osteochondral lesions*

**Arthrex**® 

# Precut Fresh OCA Cores

## Introduction

Precut osteochondral allograft (OCA) cores provide a biologic and structural repair for full-thickness osteochondral lesions. The OCA cores provide the optimal architecture, biomechanical support, and viable hyaline cartilage to support the repair during healing. The convenient availability of fresh OCA cores relieves surgeons from the worry of harvesting sufficient and suitable autologous donor cartilage.

## Features and Benefits

- Mature hyaline cartilage
- Viable chondrocytes
- Superior biomechanics
- Convenient and ready to use
- Press-fit implantation with Arthrex Single-Use OATS® (osteochondral autograft transfer system) instruments

*Use for cartilage defects in the capitellum, talus, trochlea, femoral condyle, humeral head, femoral head, and metatarsal heads.*



## Processing Standards

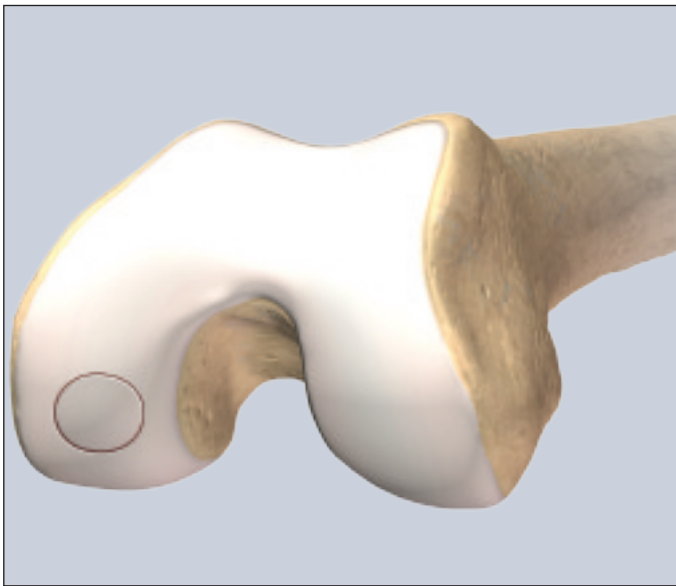
- Processed in ISO Class 5 and/or Class 100 clean rooms
- Highly trained technicians process donor tissue in an aseptic environment within 48 hours of recovery
- Comprehensive inspection criteria to detect allograft imperfections and tissue and cartilage quality
- Preservation methodology developed to optimize chondrocyte viability
- Preservation solution includes a nutrient medium and an antibiotic
- CLIA-certified testing includes microbiological evaluations during processing and final packaging, as well as environmental and water quality monitoring
- Environmental monitoring uses a combination of RODAC touch plates, viable and nonviable air particle counts, and settle plates
- All donor tissue is recovered and processed in the United States by AATB- and FDA-accredited tissue banks



*Precut, fresh OCA core*



## Precut Fresh OCA Cores



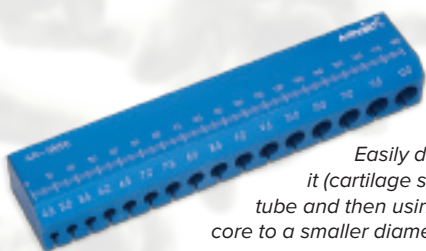
*Single-Use OATS® Set, 16 mm*

A precut OCA core removes the need to harvest autologous cartilage from areas that may not have suitable cartilage thickness and surface area.



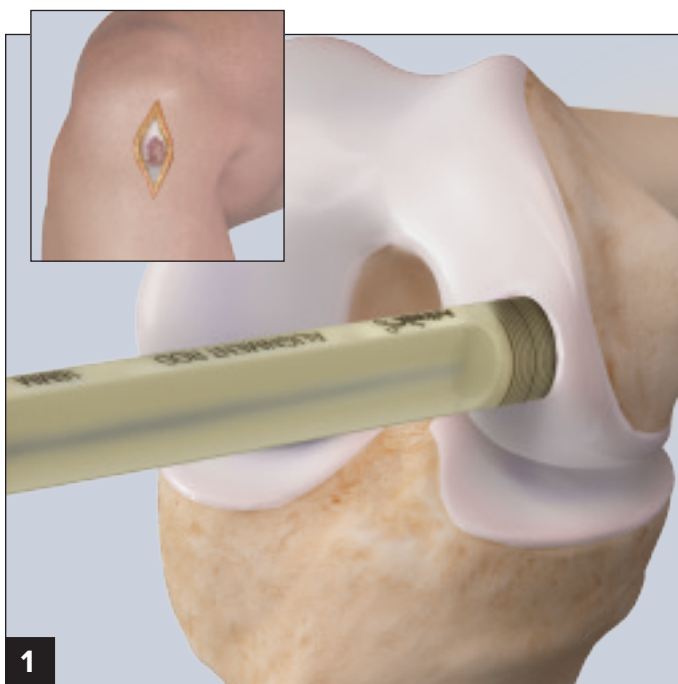
*Small Joint OATS® Set, 10 mm*

Precut OCA cores are readily available and do not require access to the knee to recover suitable autologous cartilage plugs for procedures in the foot and ankle.

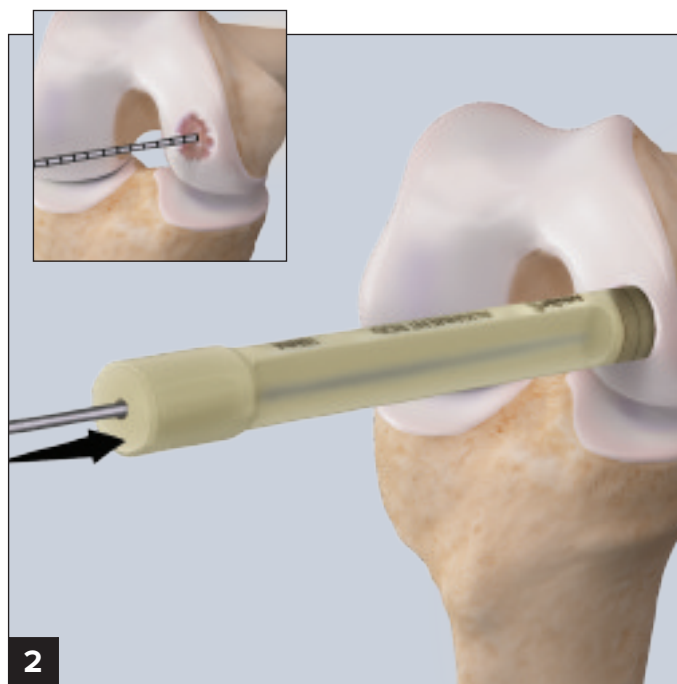


*Easily downsize the 10 mm precut OCA core by placing it (cartilage side up) in the 11 mm slot of the AR-1886 graft tube and then using a smaller single-use OATS set to cut the core to a smaller diameter.*

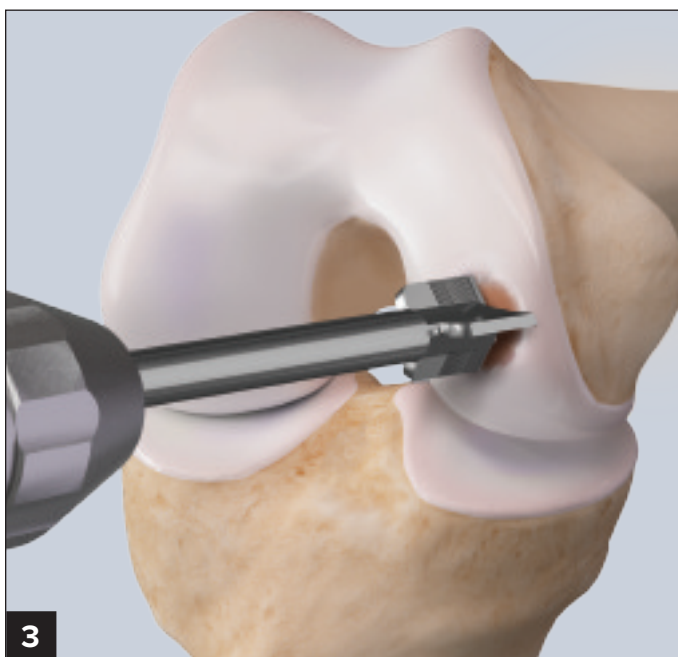
## Precut 16 mm OCA Technique



1 Perform a standard parapatellar arthrotomy to expose the defect. Place the allograft OATS® alignment rod is placed over the defect to approximate coverage of the lesion.



2 Staying perpendicular to the condyle surface, insert and advance the drill tip guide pin through the cannulated alignment rod and into the bone to a depth of about 2 cm to 2.5 cm. Remove the alignment rod, leaving the pin in place.

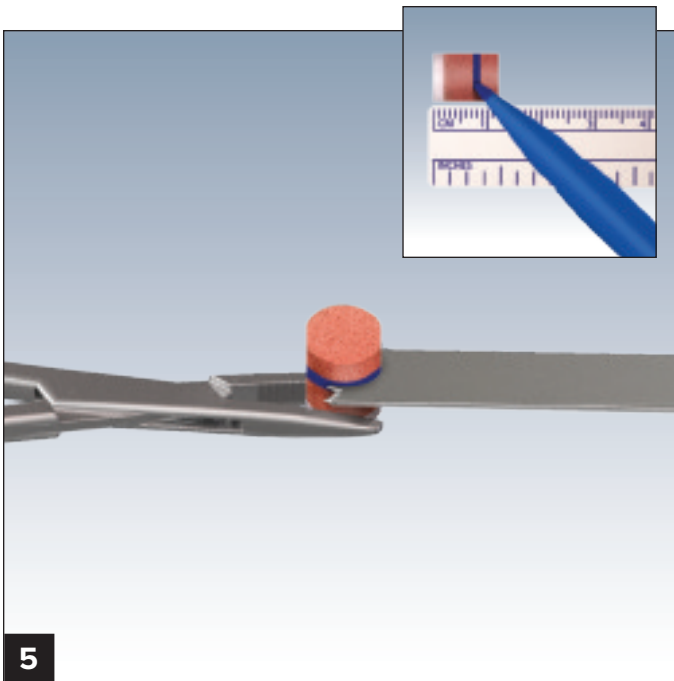


3 Secure the allograft OATS recipient counterbore to the drill and place it over the drill tip guide pin. Drill the counterbore into the defect and subchondral bone to an appropriate depth (not to exceed the length of the allograft plug). Remove any bone remnants from the socket.

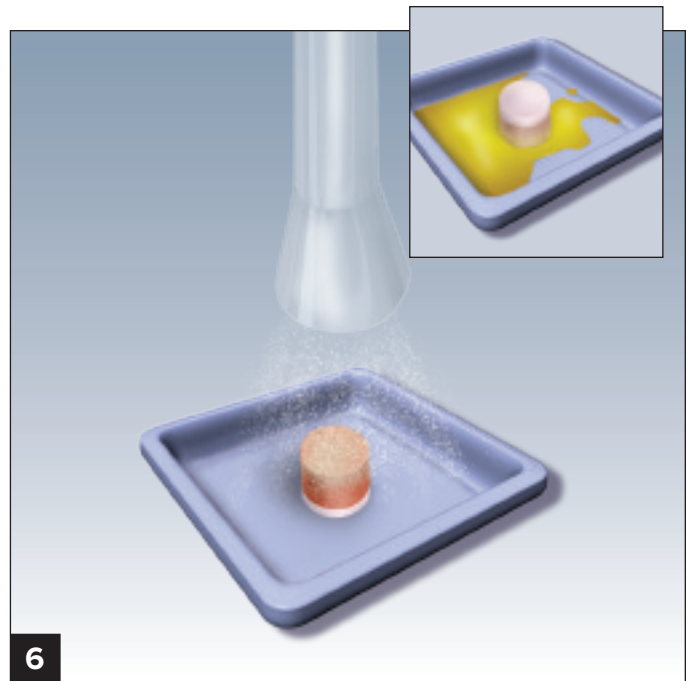


4 Insert the alignment rod (depth-etched side) over the drill tip guide pin and into the recipient socket site to confirm the depth of the socket. Remove the alignment rod and drill tip guide pin from the socket.

## Precut 16 mm OCA Technique continued



Mark the allograft bone to identify the appropriate length identified in the recipient socket. Secure the allograft by hand or with small forceps and use a rongeur or saw to trim the bone to the length needed to ensure a press fit in the recipient socket.

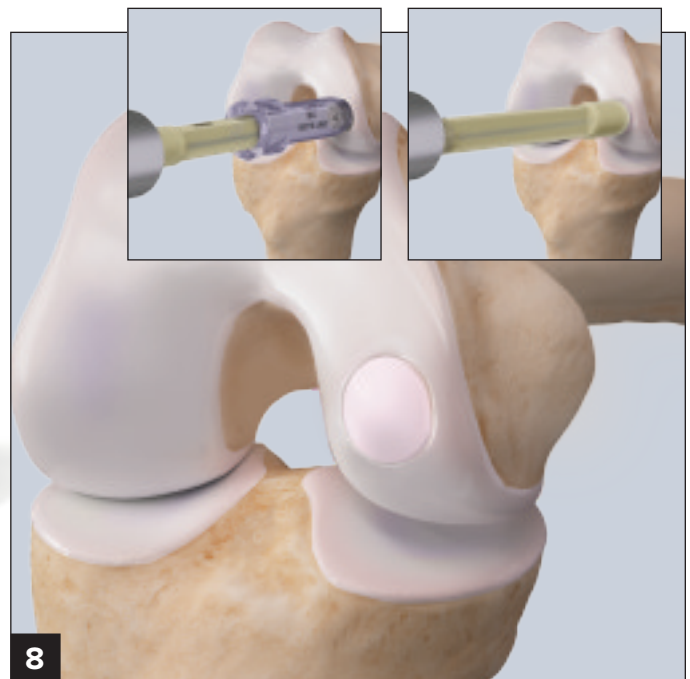


The bony aspect of the allograft should be pulse lavaged. The allograft bone can be soaked in autologous conditioned plasma (ACP) or concentrated platelet rich plasma (cPRP) from bone marrow aspirate prior to implantation.

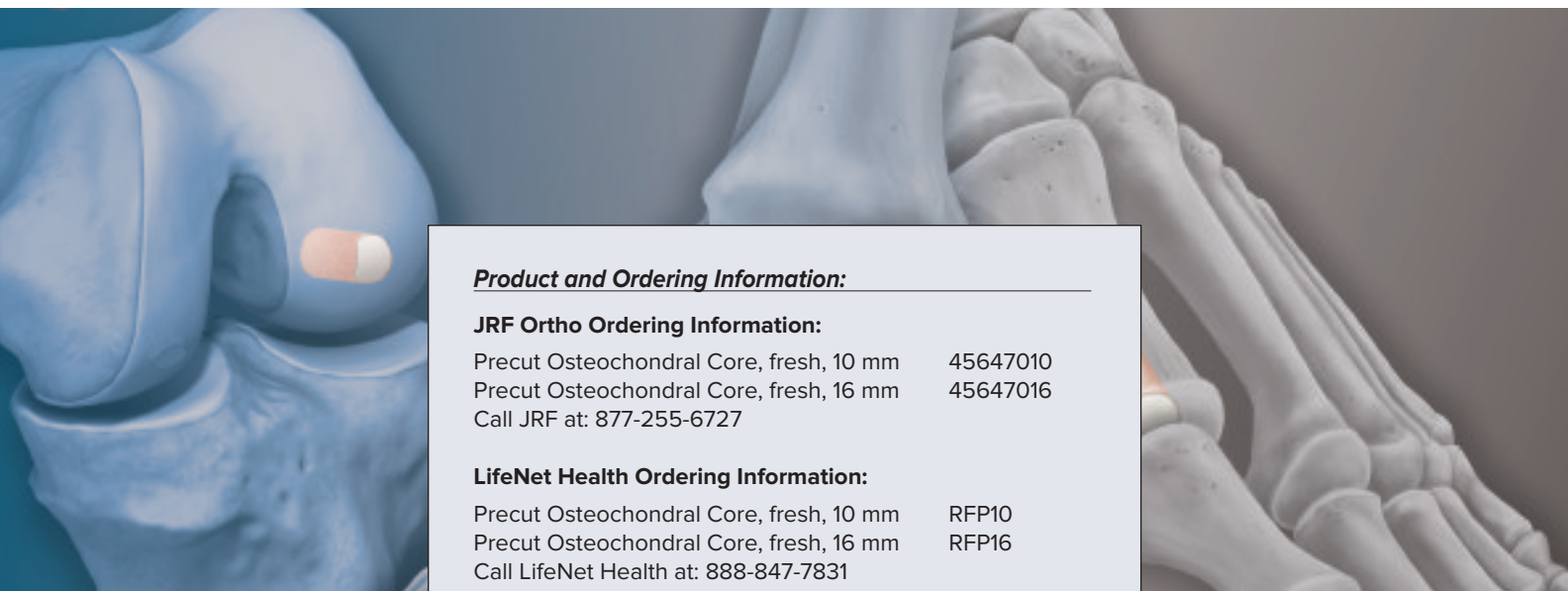


Insert the precut core into the delivery sleeve, bone side first. Place the alignment rod (depth-etched side) inside the delivery sleeve to advance the precut core into the socket.

*Note: Extruding 1 mm to 2 mm of the bone before placing it into the socket will assist with insertion.*



Gently tamp the precut core into the socket, leaving it slightly proud. Remove the delivery sleeve and now use the opposite end of the alignment rod to tamp the graft fully into place until it is flush with the surrounding cartilage.



***Product and Ordering Information:***

**JRF Ortho Ordering Information:**

Precut Osteochondral Core, fresh, 10 mm	45647010
Precut Osteochondral Core, fresh, 16 mm	45647016
Call JRF at: 877-255-6727	

**LifeNet Health Ordering Information:**

Precut Osteochondral Core, fresh, 10 mm	RFP10
Precut Osteochondral Core, fresh, 16 mm	RFP16
Call LifeNet Health at: 888-847-7831	

**Arthrex Instrumentation Ordering Information:**

**Single-Use OATS® Instrument Sets**

Single-Use OATS Set, 6 mm	AR-1981-06S
Single-Use OATS Set, 8 mm	AR-1981-08S
Single-Use OATS Set, 10 mm	AR-1981-10S
Single-Use OATS Set, 16 mm	ABS-1981-16S

**Small Joint OATS Instrument Sets (single use)**

Small Joint OATS Set, 6 mm	AR-8981-06S
Small Joint OATS Set, 8 mm	AR-8981-08S
Small Joint OATS Set, 10 mm	AR-8981-10S

Graft Sizing Block, 4.5 mm-12 mm holes (in 0.5 mm increments)	AR-1886
--	---------

To order Arthrex instrumentation, please call Arthrex, Inc. at 1-800-933-7001.  
Contact your local Arthrex representative for additional information.



View U.S. Patent information at [www.arthrex.com/corporate/virtual-patent-marking](http://www.arthrex.com/corporate/virtual-patent-marking)  
© 2018 Arthrex, Inc. All rights reserved. LB1-00028-EN\_B