



Articular Cartilage Repair

Biologic Algorithm

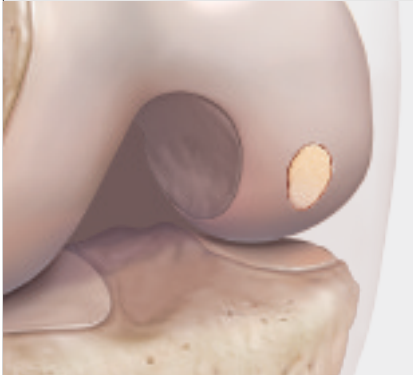
Autograft OATS® Set

Details
<ul style="list-style-type: none"> ■ Small, contained lesions with subchondral bone damage ■ Diameters of 4.75 mm-12 mm ■ Autologous intact cartilage with subchondral bone ■ Donor site morbidity
Technique
<ul style="list-style-type: none"> ■ Standard and small joint sets available ■ Donor site can be backfilled using AlloPlug frozen backfill plugs ■ OATS 2.0 system includes depth-stop features (8 mm and 13 mm) on both donor and recipient harvesters



Fresh Precut Cores

Details
<ul style="list-style-type: none"> ■ Small, contained lesions with subchondral bone damage ■ 10 mm and 16 mm diameters ■ Viable intact cartilage allograft with subchondral bone ■ No harvesting from patient required ■ Consistent graft availability
Technique
<ul style="list-style-type: none"> ■ Recipient site preparation with single-use OATS sets ■ Plugs can be downsized using the graft sizing block (AR-1886) and single-use OATS kit


AutoCart™ Technique

Details
<ul style="list-style-type: none"> ■ Small, contained lesions with minimal subchondral bone damage ■ ≤2 cm² in knee; ≤1.5 cm² in ankle ■ Autologous chondrocytes harvested with GraftNet device ■ BioCartilage® extracellular matrix has a 5 year shelf life
Technique
<ul style="list-style-type: none"> ■ Arthroscopic technique ■ Large and small joint kits available


Cartiform® Allograft

Details
<ul style="list-style-type: none"> ■ Small to large contained and uncontained lesions with minimal subchondral bone damage ■ Precut and shaped osteochondral allografts ■ Cryopreserved with viable cells ■ Flexible and trimmable ■ Stored locally in -80° C freezer
Technique
<ul style="list-style-type: none"> ■ Scorer creates vertical walls and correct depth; make sure to bring femoral impactor handle (AR-1200FIH) ■ Four 2.5 mm PushLock® anchors used at each corner of graft, with optional anchor in the center ■ Knotless FiberTak® or SutureTak® anchors may also be used to achieve fixation


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Fresh Allograft

Details			
<ul style="list-style-type: none"> ■ Large, uncontained lesions with subchondral bone damage ■ Viable intact cartilage allograft with subchondral bone ■ Allows for harvesting of large plugs ■ Tissue bank inventory can fluctuate ■ Size matching encouraged 			
Technique			
<p>Allograft OATS® Set</p> <ul style="list-style-type: none"> ■ Creates a large plug (diameters of 15 mm, 18 mm, 20 mm, 22.5 mm, 25 mm, 27.5 mm, 30 mm, 35 mm) ■ Depth is dependent on subchondral bone damage; 5 mm-8 mm is most common 	<p>BioUni™ Set</p> <ul style="list-style-type: none"> ■ Creates a large oval plug focused on treating elongated lesions (widths: 14 mm, 17 mm, 20 mm; lengths: 30 mm-42 mm) ■ Instruments control depth ■ Unique to Arthrex 	<p>BioPatella™ Set</p> <ul style="list-style-type: none"> ■ Creates a large oval plug for oblong defects in the patella (20 mm × 30 mm, 25 mm × 35 mm, and 27.5 mm × 37.5 mm) ■ Depth is dependent on subchondral bone damage; 8 mm-10 mm is most common 	<p>Talus Set</p> <ul style="list-style-type: none"> ■ Creates a small plug (diameters: 6 mm, 8 mm, 10 mm, 12 mm) ■ Instruments sized specifically for the talus ■ Depth is dependent on subchondral bone damage; 5 mm-8 mm is most common
