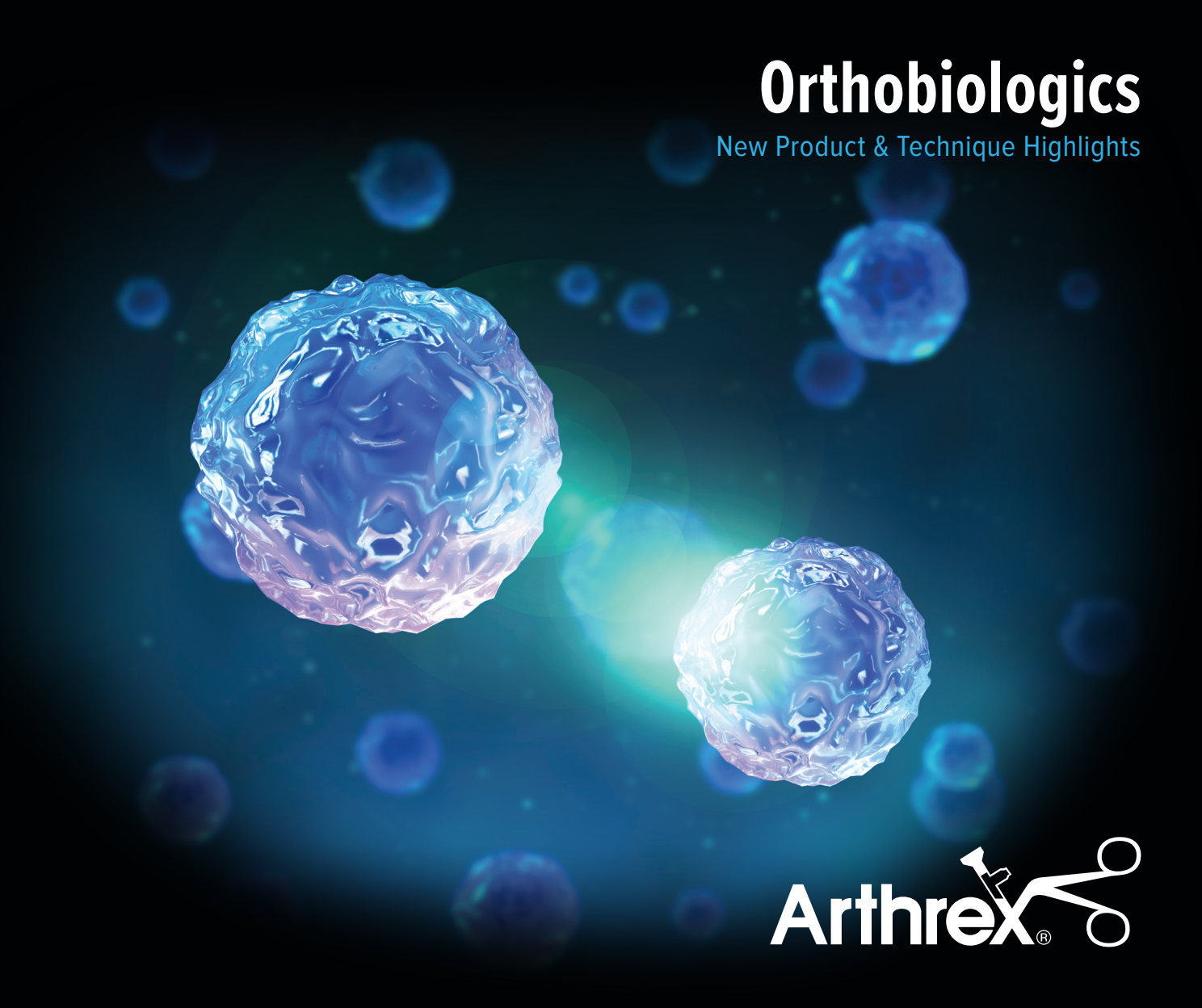
Orthobiologics

New Product & Technique Highlights

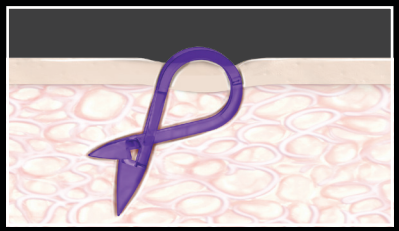


Arthrex®

CuffMend™ Rotator Cuff Augmentation System

Fast Fixation. Supports Healing.[1,2]

Providing an efficient, simple approach to augmenting partial- and full-thickness rotator cuff tears, the CuffMend system incorporates human dermal allograft for mechanical strength and to support healing.[1-3]



ArthroFLEX® Human Dermal Allograft

Provides proven integration and supplemental support to the native tissue while reducing the incidence of retears[3-5]

Multifire TissueTak™ Absorbable Tendon Anchors

Allow for quick and secure interstitial, medial graft fixation

References

1. Ely EE, Figueroa NM, Gilot GJ. Biomechanical analysis of rotator cuff repairs with extracellular matrix graft augmentation. *Orthopedics*. 2014;37(9):608-614. doi:10.3928/01477447-20140825-05
2. Smith MJ, Bozynski CC, Kuroki K, Cook CR, Stoker AM, Cook JL. Comparison of biologic scaffolds for augmentation of partial rotator cuff tears in a canine model. *J Shoulder Elbow Surg.* 2020;29(8):1573-1583. doi:10.1016/j.jse.2019.11.028
3. Gilot GJ, Alvarez-Pinzon AM, Barcksdale L, Westerdahl D, Krill M, Peck E. Outcome of large to massive rotator cuff tears repaired with and without extracellular matrix augmentation: a prospective comparative study. *Arthroscopy*. 2015;31(8):1459-1465. doi:10.1016/j.arthro.2015.02.032
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5. Hartzler RU, Softic D, Qin X, Dorfman A, Adams CR, Burkhart SS. The histology of a healed superior capsular reconstruction dermal allograft: a case report. *Arthroscopy*. 2019;35(10):2950-2958. doi:10.1016/j.arthro.2019.06.024

SynoJoynt™

1% Sodium Hyaluronate

Replenish and supplement your patient's natural hyaluronan to restore gliding motion and shock absorption

- Proven relief from the pain of mild to moderate knee osteoarthritis in a 3-dose regimen[1]
- Non–cross-linked sodium hyaluronate derived from bacterial fermentation
- Stable molecular weight of 2.5 million da
- SynoJoynt treatment is covered by Medicare and most insurance plans, with claims assistance from the Arthrex Reimbursement Program available

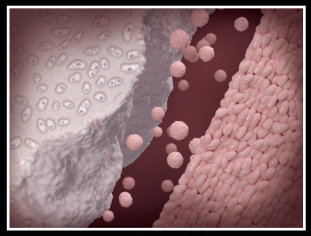
Indications for Use

SynoJoynt is indicated for the treatment of pain in osteoarthritis (OA) of the knee in patients that have failed to respond adequately to conservative non-pharmacologic therapy and simple analgesics (eg, acetaminophen).

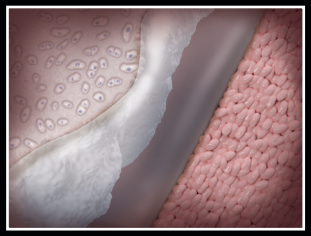
Contraindications, Warnings, and Precautions

- SynoJoynt is contraindicated in patients with known hypersensitivity (allergy) to hyaluronate preparations or gram-positive bacterial proteins.
- Do not administer SynoJoynt to patients with infections or skin diseases in the area of the injection site or joint.
- The safety and effectiveness of the use of SynoJoynt has not been tested in pregnant women, nursing mothers or children.
- The safety and effectiveness of the use of SynoJoynt in joints other than the knee, or for use concomitantly with other intra-articular (IA) injections, have not been established.
- See package insert for full prescribing information including indications, contraindications, warnings, precautions, and adverse events.

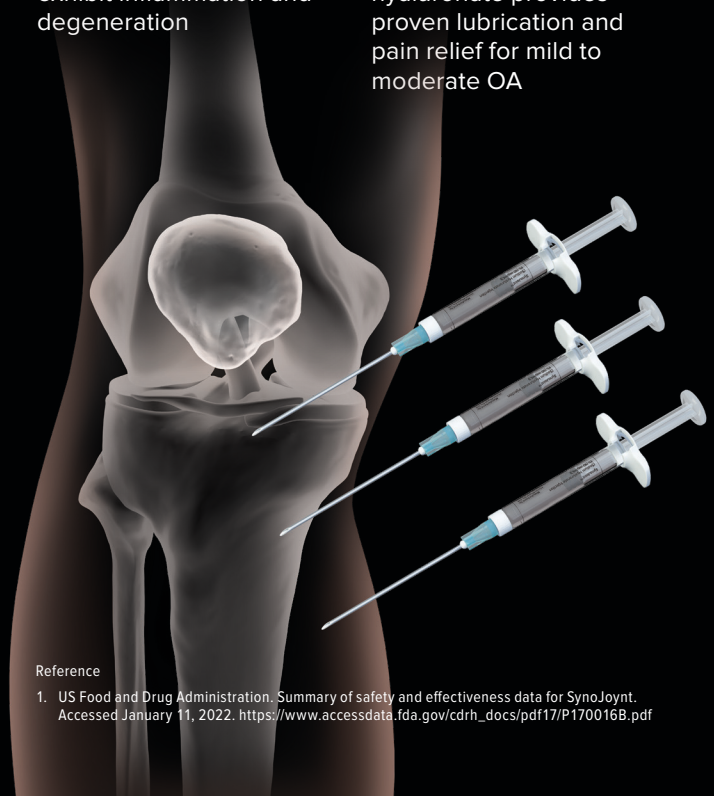
Find Your Power in Motion



Osteoarthritic joints exhibit inflammation and degeneration



SynoJoynt sodium hyaluronate provides proven lubrication and pain relief for mild to moderate OA



Reference

1. US Food and Drug Administration. Summary of safety and effectiveness data for SynoJoynt. Accessed January 11, 2022. https://www.accessdata.fda.gov/cdrh_docs/pdf17/P170016B.pdf

AutoCart™

Arthroscopic, Single-Stage Cartilage Regeneration

Everything you need to harvest and reimplant particulate cartilage in a single procedure.

GraftNet™ System

Easy to Assemble, Quick Access

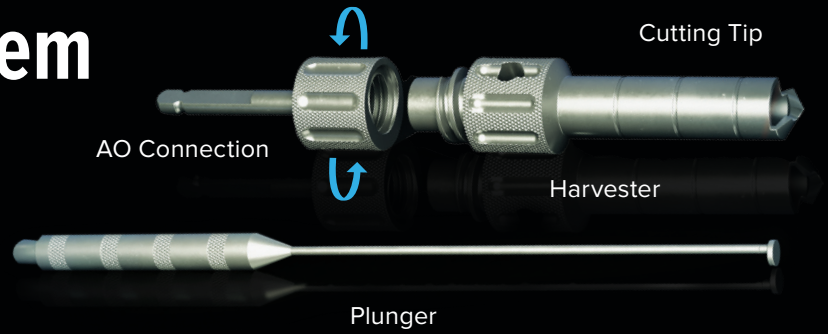
Collect autologous chondral fragments in an easily accessible, sterile filter chamber using the GraftNet tissue collector mounted between the shaver handpiece and a suction device.

OsteoAuger™ Bone Graft Harvesting System

Autologous bone that naturally provides bone grafts with cell, signal, and scaffold for placement on a fracture or fusion site.[1]

The harvester's cutting tip accurately morselizes the bone for ideal graft handling. The AO quick connection allows for easy attachment and removal of the device.

- Fully sterile system
- Pilot hole creation not required
- Available in three sizes: 6 mm, 8 mm, and 10 mm
- Plunger provided for simpler graft removal



Morselized bone can be hydrated with Arthrex ACP® platelet-rich plasma, which may increase cell proliferation and support healing.[2,3]

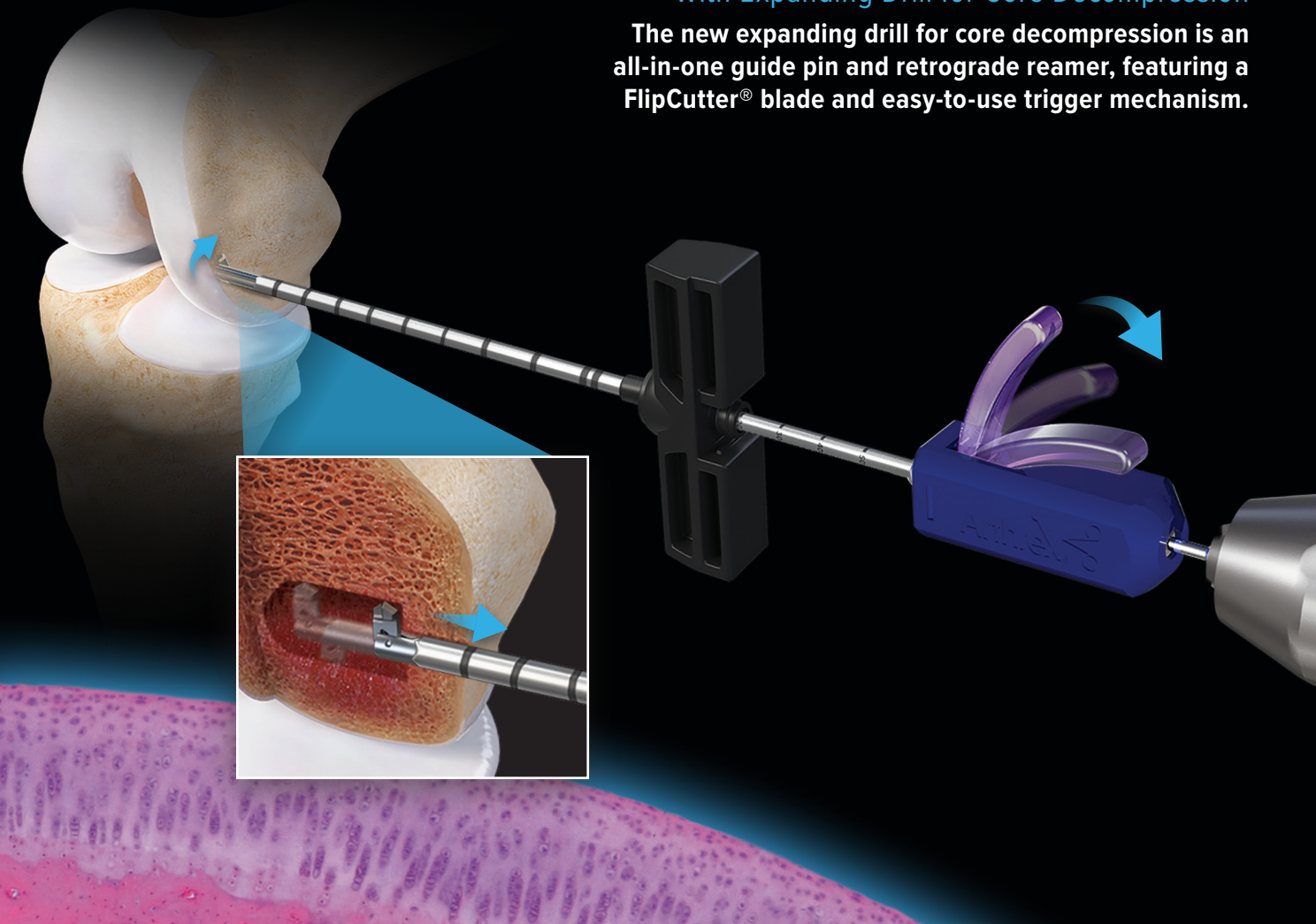
References

1. Baldwin P, Li DJ, Auston DA, Mir HS, Yoon RS, Koval KJ. Autograft, allograft, and bone graft substitutes: clinical evidence and indications for use in the setting of orthopaedic trauma surgery. *J Orthop Trauma*. 2019;33(4):203-213. doi:10.1097/BOT.0000000000001420
2. Arthrex, Inc. Data on file (LA0815A). Naples, FL; 2009.
3. Manini DR, Shega FD, Guo C, Wang Y. Role of platelet-rich plasma in spinal fusion surgery: systematic review and meta-analysis. *Adv Orthop*. 2020;2020:8361798. doi:10.1155/2020/83617988

IntraOsseous BioPlasty® (IOBP) Kit

With Expanding Drill for Core Decompression

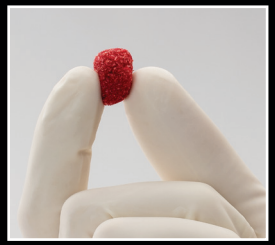
The new expanding drill for core decompression is an all-in-one guide pin and retrograde reamer, featuring a FlipCutter® blade and easy-to-use trigger mechanism.



AlloSync™ Pure

Demineralized Bone Matrix

Provided in a ready-to-use mixing jar



May be hydrated with bone marrow aspirate (BMA), platelet-rich plasma (PRP), or other autologous fluid

Surgeon can adjust viscosity depending on desired application

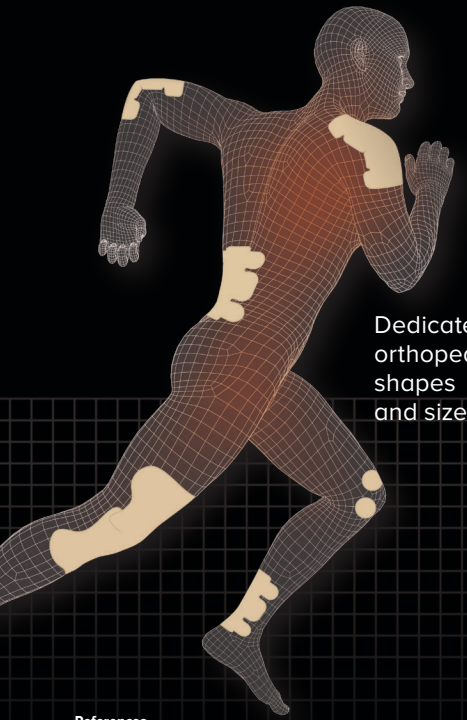
Features and Benefits

- Derived from 100% human allograft bone without any extrinsic carriers
- Every lot is tested in vivo post-sterilization to ensure osteoinductivity
- Resists irrigation when prepared with autologous fluids
- Histologically proven to contain all 5 elements of bone formation at 28 days postimplantation[1]

AlloSync Pure demineralized bone matrix can be used in an arthroscopic environment.

Reference

1. CellRight Technologies, LLC. Data on file (ConCelltrate® 100 histology and in-vitro alkaline phosphate induction assay). Universal City, TX; 2017.



JumpStart®

Extend Infection Control Beyond the Operating Room

Powered by Advanced Microcurrent Technology®, JumpStart antibacterial wound dressing is the only nonantibiotic antimicrobial solution inspired by the body's natural electric healing process.

Dedicated orthopedic shapes and sizes

Patented islands of elemental silver and elemental zinc form microcell batteries generate an electric field.

JumpStart dressing kills a broad spectrum of pathogens, including:

- Multidrug-resistant bacteria[1]
- Biofilm-forming bacteria[2,3]
- Cutibacterium acnes[3]

Tested for efficacy against wound biofilm infection[4]

References

1. Kim H, Makin I, Skiba J, Ho A, Housler G, Stojadinovic A, Izadjoo M. Antibacterial efficacy testing of a bioelectric wound dressing against clinical wound pathogens. *Open Microbiol J*. 2014;8:15-21. doi:10.2174/1874285801408010015
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3. Banerjee J, Das Ghatak P, Roy S, et al. Silver-zinc redox-coupled electroceutical wound dressing disrupts bacterial biofilm. *PLOS One*. 2015;10(3):e0119531. doi:10.1371/journal.pone.0119531
4. Barki KG, Das A, Dixith S, et al. Electric field based dressing disrupts mixed-species bacterial biofilm infection and restores functional wound healing. *Ann Surg*. 2019;269(4):756-766. doi:10.1097/SLA.0000000000002504

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