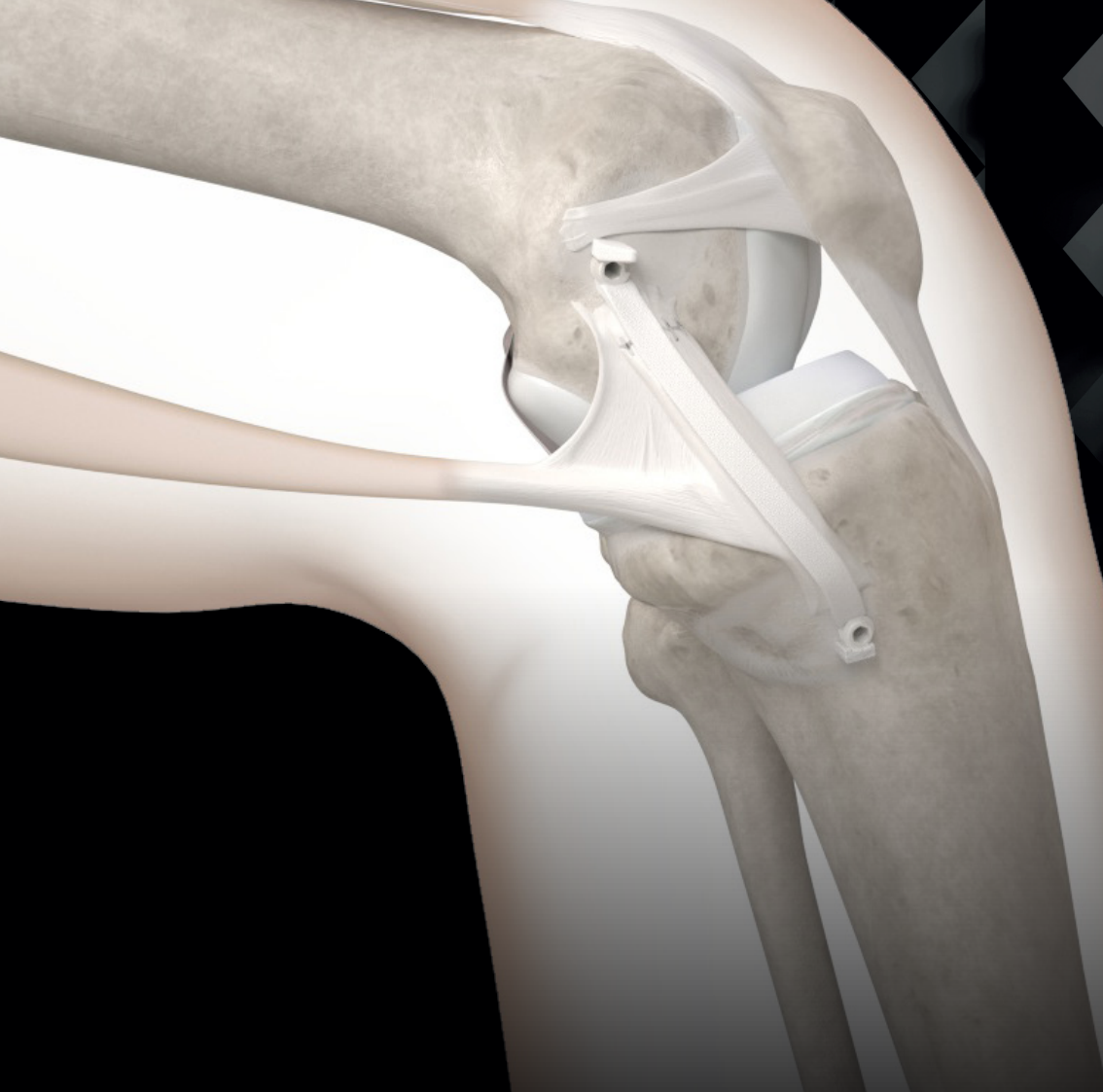


BioBrace® Extra-Articular

Ligament Augmentation Kit

Strengthened Augmentation.
Enhanced Healing.

ConMed

Imagine what we could do together.



The BioBrace® Extra-Articular Ligament Kit delivers a complete procedural solution for augmenting extra-articular knee repairs with the BioBrace implant.

Each kit includes the following components:

- 4.75mm Argo Knotless® GENESYS™ Anchors X2
- 5x250mm BioBrace Implant
- 2.4mm High-Strength Guide Pins X2
- 5.0mm Cannulated Reamer
- 5.5mm Hard Bone Tap

Engineering the Next Era of Healing with the BioBrace® Implant

BioBrace® implant is designed to combine the regenerative power of collagen with immediate structural strength that helps protect the repair during the most vulnerable phases if healing[1] .

BioInductive Healing

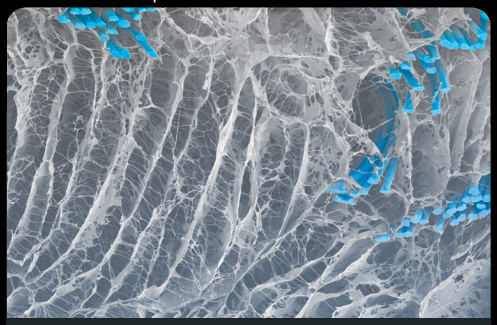
BioBrace® implant promotes natural healing and supports the formation of strong new tissue with type I collagen.[1]

- **Rapid Cellular Infiltration:** A highly porous scaffold creates an ideal environment for cells to infiltrate, proliferate, and form new functional tissue.[1]
- **Oriented New Tissue Generation:** The implant's advanced 3D architecture provides internal channels that guide the natural alignment of new fibers.[2]

Structural Reinforcement

BioBrace® implant helps reduce stress on repaired tissue and supports tendon healing.

- **Mechanical Support:** The durable PLLA lattice structure adds 140N of strength to the repair.[3]
- **Load Sharing:** The implant provides biomechanical protection through effective load sharing with the tendon.[4]



Cross Sectional View of BioBrace® Implant: Collagen Sponge Reinforced with PLLA microfilaments (blue)

Strength at Time Zero

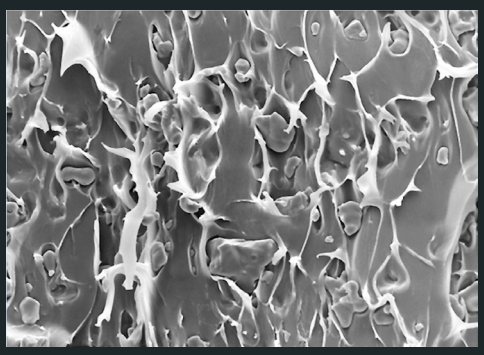
Built for Confidence: BioBrace® implant adds strength at time zero — because stability can't wait.[5]

- **Closer to Native Stability:** Repairs augmented with the BioBrace® Reinforced Bioinductive Implant helps restore valgus stability more closely to the native MCL.[5]
- **Reduced Medial Gapping & Enhanced Rotational Control:** Repairs augmented with BioBrace® implant demonstrate lower linear and angular displacement under force.[5]

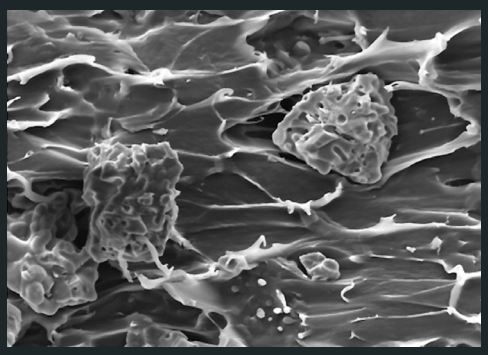
Optimized Outcomes with Argo® Genesys™

Advanced products in the BioBrace Extra-Articular Kit work inunison to simplify repair, strengthen fixation, and support healing.

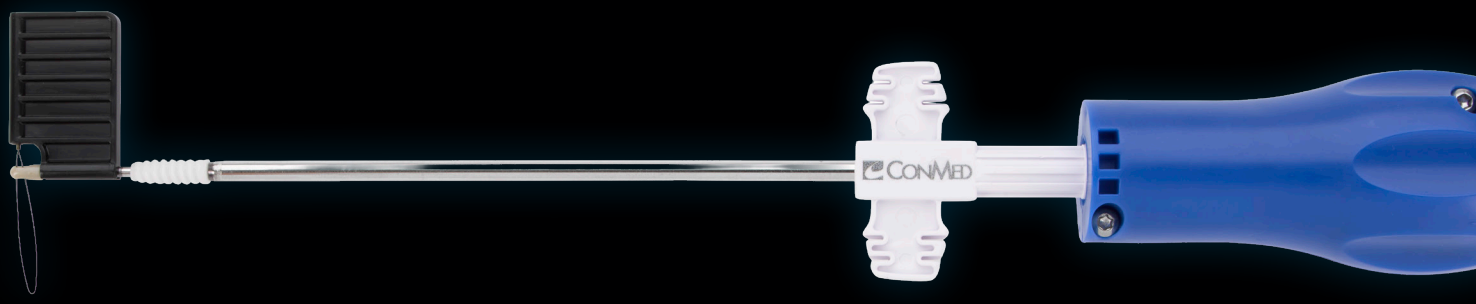
- **The GENESYS™ Biocomposite Material** is engineered with microTCP, which boosts material strength by up to 51%.[6]
- **The GENESYS™ material** may also promote bone in-growth and optimized absorption rates, resulting in seamless integration with the body.[7]



GENESYS™ (microTCP™ material)
Magnification 500X



STANDARD (β-TCP material)
Magnification 500X



BioBrace® Extra-Articular Ligament Augmentation Kit



Ordering Information

Description	Catalog Number
BioBrace® Extra-Articular Ligament Augmentation Kit	BBXA
Contents:	
BioBrace® Reinforced Bioinductive Implant 5mmx250mm	
Constant Diameter Reamer (5.0mm x 178.0mm, cannulated)	
High Strength Guide Pins (9.0" x 2.4mm) X2	
5.5mm Argo Knotless® GENESYS™ Tap	
4.75mm Argo Knotless® GENESYS™ Anchors with #2 Hi-Fi Suture X2	

References:

1. K252946 – 510(k) Clearance Letter - BioBrace® Extra-Articular Ligament Augmentation Kit
2. Based on preclinical data
3. Internal Report: TR 001-2020
4. Based on internal data
5. Based on internal data
6. Internal Report: TR10-496
7. Properties of GENESYS™ Biocomposite Material Compared to Pure Polylactide (PLA) White Paper

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