



BioBrace[®] Extra-Articular

Ligament Augmentation Kit

Strengthened Augmentation.
Enhanced Healing.



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

Imagine what we could do together.

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 of healing¹.

Bioinductive Healing

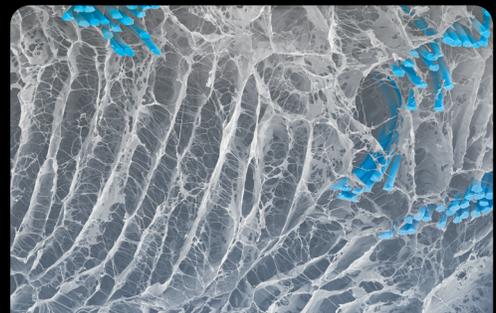
BioBrace® implant promotes natural healing and supports the formation of strong new tissue with type I collagen.¹

- **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 515N 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

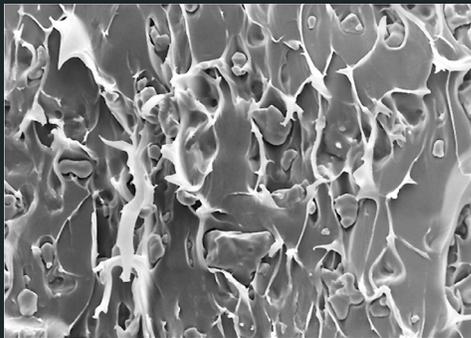
- **Closer to Native Stability:** Repairs augmented with the BioBrace® Reinforced Bioinductive Implant helps restore valgus stability more closely to the native MCL.⁵
- **Reduced Medial Gapping & Enhanced Rotational Control:** Repairs augmented with BioBrace® implant demonstrate lower linear and angular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

Imagine what we could do together.

Optimized Outcomes with Argo® Genesys™

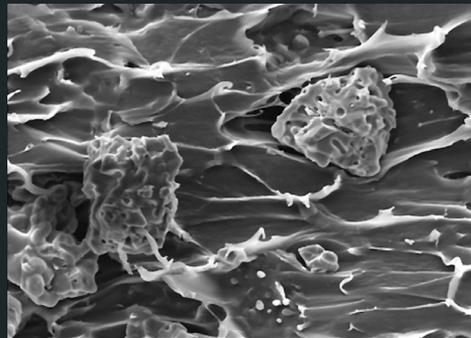
Advanced products in the BioBrace Extra-Articular Kit work in unison to simplify repair, strengthen fixation, and support healing.

- 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



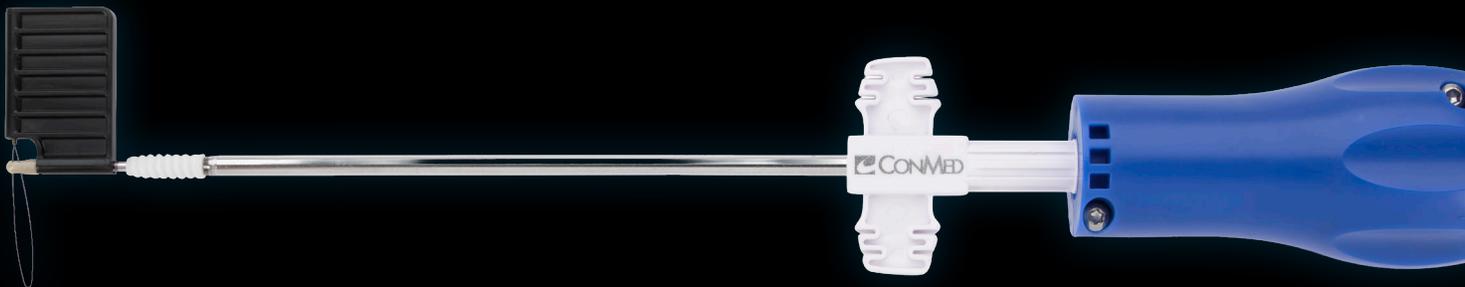
GENESYS™ (microTCP™ material)

Magnification 500X



STANDARD (β-TCP material)

Magnification 500X



Imagine what we could do together.

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



CONMED Corporation | 11311 Concept Blvd., Largo, FL 33773 | www.CONMED.com



Service & Support



 **CONMED**
Imagine what we could do together.

CONMED Corporation | 11311 Concept Blvd., Largo, FL 33773 | www.CONMED.com



Service & Support