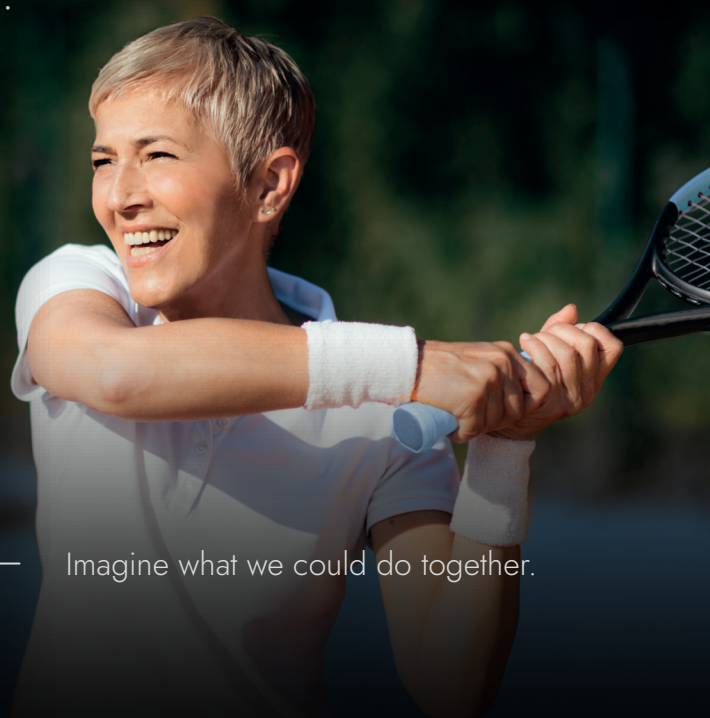
BioBrace® RC

Delivery System for Arthroscopic Augmentation of Rotator Cuff Repairs

Seamless Delivery. Lower Retear Rates.
Better Patient Outcomes.

ConMed



Imagine what we could do together.

Don't Settle For 40% Retear Rates
BioBrace® Delivers

Patient Satisfaction

With BioBrace®, patients saw **better range of motion**, **reduced pain scores (VAS),** and **improved functional outcome scores (ASES)** at 3, 6, and 12 months post surgery.[3]

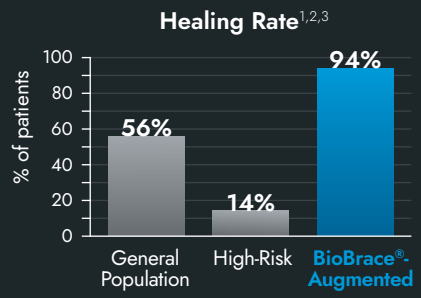
Increased Tendon Thickness

BioBrace® induces new tissue formation within and around the scaffold, **increasing tendon thickness by 180%.**[4]

Stronger Healing

Restore native tendon strength in 12 weeks through augmentation with BioBrace®.[5]

BioBrace®-augmented rotator cuff repairs demonstrated a **94% healing rate** in high-risk patients.[3]



BioBrace® uniquely harnesses the regenerative properties of collagen while providing immediate strength to protect the repair during the vulnerable healing period.[6]

BioInductive Healing

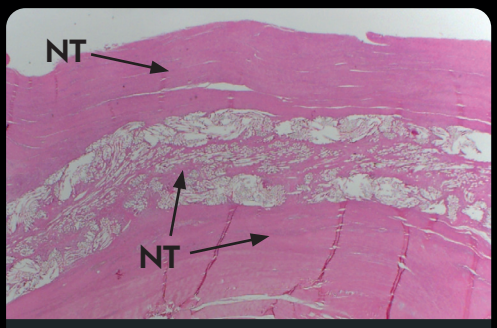
BioBrace® stimulates healing and promotes robust tissue growth with type I collagen.[6]

- **Rapid Cellular Infiltration:** The precisely engineered scaffold provides the ideal environment for cell infiltration and proliferation to form new, functional tissue.[6]
- **Oriented New Tissue Generation:** BioBrace's advanced 3D structure provides internal channels that naturally guide alignment of new fibers.[7]

Structural Reinforcement

BioBrace® reduces stress on repaired tissue to support tendon healing.

- **Mechanical Support:** The durable PLLA lattice structure adds 515N of strength to the repair.[8]
- **Load Sharing:** BioBrace® provides biomechanical protection through load sharing alongside the tendon.[9]



H&E Normal light microscopy: New tissue (NT) was found on, in and under the BioBrace® implant at 12 weeks, following implantation in ovine

Imagine what we could do together.

BioBrace®RC

Faster, Stronger, Smarter Augmentation for Rotator Cuff Repair

Surgeons shouldn't have to choose between efficiency and efficacy. Now, they don't have to.

Streamlined Augmentation

Integrated suture management and passing simplify the workflow, enabling implantation in under 10 minutes.

Seamless Integration

Designed to effortlessly incorporate into existing surgical techniques, eliminating the need for specialized fixation.

Suture-Based Fixation. Because Staples Fall Short.

Strength and Reliability

BioBrace®RC leverages the dependability of sutures, enhancing augmentation of rotator cuff repair with superior fixation. Sutures have long been trusted to provide secure fixation in soft tissue repairs, while staples can loosen or dislodge postoperatively.

Proven Biocompatibility

Unlike staples, which can provoke unwanted inflammatory responses, suture-based fixation offers established compatibility.[10]

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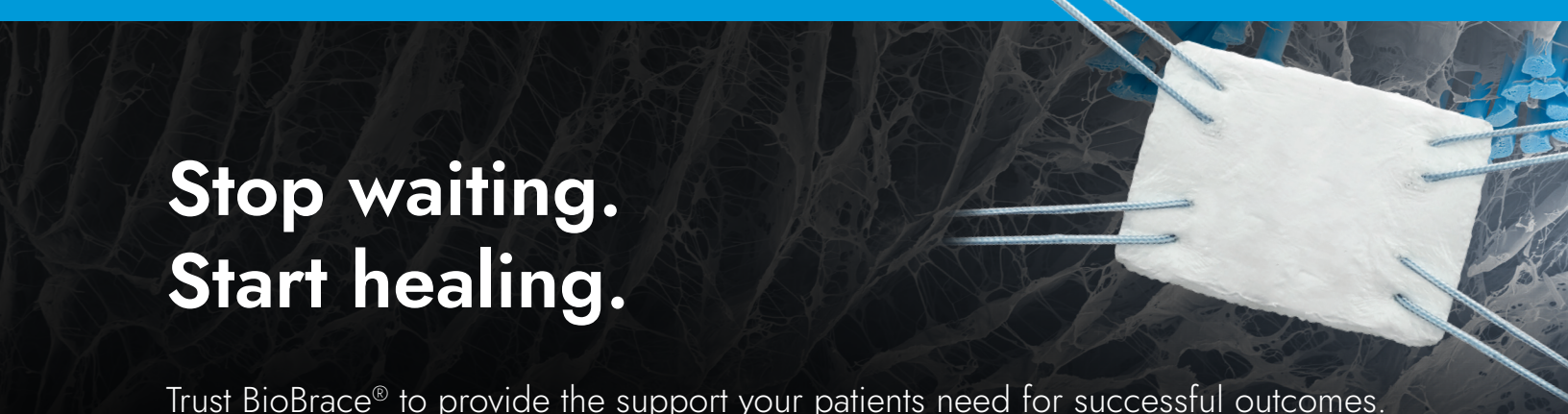

Stop waiting.
Start healing.

Trust BioBrace® to provide the support your patients need for successful outcomes. **BioBrace® reinforces through healing and then resorbs completely, leaving behind strong, regenerated tissue.**

The future of rotator cuff repair isn't coming—it's already here.
Are you ready to elevate your procedures?

Ordering Information

Description	Catalog Number
BioBrace®RC Delivery System, 23x25mm	BBRC-23
BioBrace®RC Delivery System, 35x25mm	BBRC-35

References:

1. Rashid, M, C Cooper, J Cook, D Cooper, S Dakin, S Snelling, and A Carr. "Increasing Age and Tear Size Reduce Rotator Cuff Repair Healing Rate at 1 Year." Acta Orthopaedica 88, no. 6 (2017): 606–11. https://doi.org/10.1080/17453674.2017.1370844.
2. Galatz LM, Ball CM, Teefey SA, Middleton WD, Yamaguchi K. The outcome and repair integrity of completely arthroscopically repaired large and massive rotator cuff tears. J Bone Joint Surg Am 2004; 86:219–224
3. McMillan, S, E Ford, SK Bishai. 2024. "Favorable Early Patient-Reported Outcome Measures and Clinical Retear Rates in High-Risk Rotator Cuff Repairs Augmented with a Reinforced Bio-Inductive Implant at One-Year Follow Up'". Surgical Technology International, no. 45
4. Based on preclinical animal data
5. Walsh, WR, AJ Carter, V Lovric, J Crowley, D Wills, T Wang, G Kanski, R Stanton, S Arnoczky, and R Arciero. 2021. "Tissue-Engineered Augmentation of A Rotator Cuff Tendon Using A Novel Bio-Inductive Biocomposite Scaffold: A Preliminary Study In Sheep." Presented at the Orthopaedic Research Society (ORS) 2021 Annual Meeting; February 12-16, 2021, Virtual.
6. K242187 – 510(k) Clearance Letter - The BioBrace® Implant
7. Based on preclinical data
8. Internal Report: TR 001-2020
9. Based on internal data
10. Barad et al. Severe subacromial-subdeltoid inflammation with rice bodies associated with implantation of a bio-inductive collagen scaffold after rotator cuff repair. Journal of Shoulder and Elbow Surg. 2019

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Service & Support