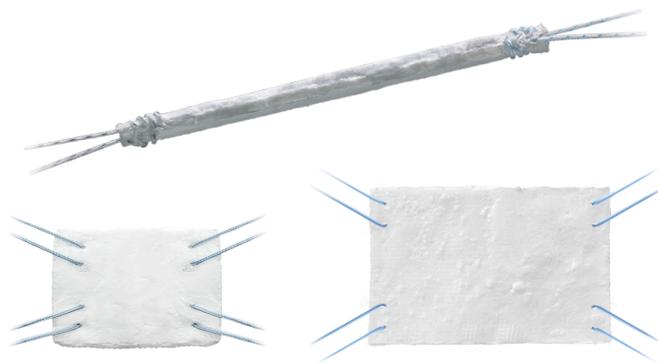


BioBrace®

Clinical Compendium



Upper Extremity

Anatomy	Citation	Journal	Year	Link
Rotator Cuff	Bridging Reconstruction Using a Biocomposite Scaffold for Large/Massive Rotator Cuff Tears: A Technique Guide <i>Samora Maranya, Sarah Remedios, Helen Crofts, Ivan Wong</i>	Arthroscopy Techniques	2025	 
Rotator Cuff	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 <i>Sean McMillan, Elizabeth Ford, Shariff K Bishai</i>	Surg Technol Int	2024	 
Rotator Cuff	Mechanical Properties of Augmented Rotator Cuff Repairs Using an Ovine Infraspinatus Model <i>William R Walsh, Vedran Lovric, Tian Wang, Kevin Rocco, Joaquin E Batista, Gowri Viswanathan, Jeffrey M Ott</i>	AAOS Conf 2024	2024	 
Rotator Cuff	Surgical Repair and Augmentation of a Large Type-2 Retear of the Rotator Cuff with a Novel Biocomposite Scaffold: A Case Report <i>Sean McMillan, Elizabeth Ford, Scott Sigman</i>	JOEI	2022	 
Rotator Cuff	Arthroscopic Rotator Cuff Repair Technique Using a Bio-Composite Scaffold: Surgical Technique and Indications. <i>Quincy T. Cheesman, Patrick F. Szukics, Michael Stark, Sterling C. Kramer, Sean McMillan</i>	Arthroscopy Techniques	2022	 
Rotator Cuff	The Next Frontier for Rotator Cuff Augmentation? Strength and Bio-Induction. <i>Sean McMillan, Robert Arciero, Elizabeth Ford</i>	JOEI	2021	 

Anatomy	Citation	Journal	Year	Link
Clavicle	Reconstruction of Chronic Acromioclavicular Dislocation with Subacromial Hook Plate and Reinforced Collagen Implant: A Surgical Technique with Histological Evaluation <i>Gregory Colbath, Emily German, Wolfgang Schwartzman, Jeremy Mercuri, Amit Momaya</i>	JOEI	2025	 
Clavicle	Revision Clavicle Fracture ORIF with Bone Graft from the Distal Clavicle Utilizing BioBrace <i>Gregory Colbath, Emily German</i>	JOEI	2023	 
Distal Biceps	A Novel Distal Biceps Rupture Repair Technique Utilizing a Biocomposite Scaffold <i>David Le, Sean McMillan</i>	Surg Technol Int	2023	 
UCL	Augmented Ulnar Collateral Ligament Repair With Structural Bioinductive Scaffold: A Biomechanical Study <i>Kenneth M Lin, Kenneth Brinson, Ran Atzmon, Calvin K Chan, Seth L Sherman, Marc R Safran, Michael T Freehill</i>	AJSM	2024	 
Hand	Early Experience in Collateral Ligament Repair of the Hand with the use of a Novel Bio-Composite Scaffold: Technique and Outcomes <i>Devin C Potter, Zachary Hanson, Gary M Lourie</i>	JOEI	2025	 

Lower Extremity

Anatomy	Citation	Journal	Year	Link
ACL	One-Year Clinical Outcomes Following Anterior Cruciate Ligament Reconstruction Augmented with a Reinforced Bioinductive Implant <i>Sean McMillan, Jeff Murray, Elizabeth Ford</i>	Surg Technol Int	2025	 
ACL	ACL Reconstruction Augmented with a Novel Reinforced Bioinductive Implant: A Case Report With 18-Month Follow-Up <i>Alexander Ozonoff, B.S., Gowri Viswanathan, M.S., Michael R. Redler, MD</i>	JOEI	2025	 

Anatomy	Citation	Journal	Year	Link
ACL	Anterior Cruciate Ligament Reconstruction using Bone-Tendon-Bone Allograft: Surgical Technique Using Augmentation with Bio-Composite Scaffold <i>Elizabeth Marks Benson, Kaitlin Pyrz, Audria Wood, Eugene Brabston, Thomas Evely, Aaron Casp</i>	Arthroscopy Techniques	2024	 
ACL	Anterior Cruciate Ligament Allograft Reconstruction Augmented with a Reinforced, Bio-inductive Collagen Scaffold in the Setting of Multiligamentous Knee Injury <i>Andrew S. Bi, Andrew J. Hughes, Ian Savage-Elliott, Dylan Lowe, Robert J. Meislin</i>	Arthroscopy Techniques	2024	 
ACL	Preparation of Bone Patellar Tendon Bone Allograft With Biocomposite Scaffold Augmentation <i>Peter Serour, Lasun O Oladeji, Clayton W Nuelle, Steven F DeFroda</i>	Arthroscopy Techniques	2024	 
ACL	Anterior Cruciate Ligament Reconstruction with Quadriceps Tendon Autograft: Surgical Technique Using Augmentation with a Bio-Composite Scaffold <i>Kaitlin Pyrz, Audria Wood, Collier Campbell, Thomas Evely, Aaron Casp, Amit Momaya</i>	Arthroscopy Techniques	2023	 
MPFL	No Difference in Pullout Strength Between a Bioinductive Implant and a Semitendinosus Tendon Graft in a Biomechanical Study of Medial Patellofemoral Ligament Repair Augmentation <i>Austin Wetzler, Sean McMillan, Erik Brewer, Aakash Patel, Samuel Handy, Merrick Wetzler</i>	Arthrosc Sports Med Rehabil	2024	 
MPFL	Medial Patellofemoral Ligament (MPFL) Augmented With A Reinforced Bio-Inductive Implant Is Biomechanically Similar to the Native MPFL At Time Zero In A Cadaveric Model <i>Sean McMillan, Seth Sherman, Zachary Brown, Erik Brewer, Elizabeth Ford</i>	Arthrosc Sports Med Rehabil	2024	 
MPFL	Medial Patellofemoral Ligament Repair Augmented with Reinforced Bioinductive Implant Using Double-bundle Patella Docking Technique <i>Matthew J Schultz, Elizabeth Ford, Marrison Wetzler, Sean McMillan</i>	Arthroscopy Techniques	2024	 

Anatomy	Citation	Journal	Year	Link
MPFL	A Single Incision Technique of Medial Patellofemoral Ligament (MPFL) Repair with Augmentation Using a Reinforced Bio-Inductive Implant <i>Austin Wetzler, Sean McMillan, Aakash Patel, William Taylor, Merrick Wetzler</i>	JOEI	2024	 
Meniscus	Repair of a Radial Tear of the Meniscus Augmented With a Biocomposite Scaffold <i>Audria Wood, Kaitlin Pyrz, Pearce Lane, Eugene Brabston, Thomas Evely, Aaron Casp, Amit Momaya</i>	Arthroscopy Techniques	2023	 
Patellar Tendon	Chronic Midsubstance Patellar Tendon and Retinacular Rupture: Primary Repair Enhancement Using Bioinductive Implant Augmentation. <i>Brent A. Geers, Shariff K. Bishai</i>	Arthroscopy Techniques	2023	 
MCL	Knee Medial Collateral Ligament Augmentation With Bioinductive Scaffold: Surgical Techniques and Indications <i>Matthew R. LeVasseur, Colin L. Uyeki, Patrick Garvin, Sean McMillan, Robert A. Arciero</i>	Arthroscopy Techniques	2022	 
Foot & Ankle	Use of Bio-inductive Collagen Scaffold Graft to Repair Complex Soft Tissue Injuries to the Foot and Ankle: A Multi-Case Report <i>Sham Persaud, John E Marshall 4th</i>	Clin Podiatr Med Surg	2025	 
Achilles	A Novel Achilles Tendon Repair Technique Utilizing a Bio-Composite Scaffold for a Sub-Acute Tear <i>Harrison Patrizio, Rex Lutz, Charles Middleton, Luaryn Bianco, Sean McMillan</i>	Surg Technol Int	2023	 
Achilles	Surgical Repair and Augmentation of a Midsubstance Chronic Achilles Tendon Rupture with a Novel Biocomposite Scaffold: A Case Report <i>Michael R. Redler</i>	JOEI	2022	 