

SCIENCE

OUR TECHNOLOGY

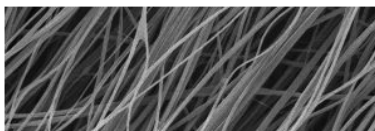
Repair. Regenerate. Restore.

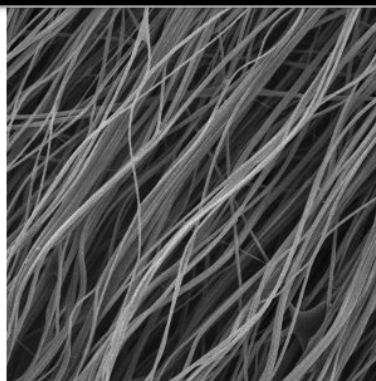
Despite great progress of mechanical repairs in soft tissue procedures, healing rates remain variable driving the need for biologic enhancement. The historical challenge of creating biologic augmentation has been balancing biological enhancement and structural performance. Leveraging additive manufacturing platforms, such as electrospinning and microfluidic extrusion, has allowed Embody to address prior limitations. Embody's collagen-based biologic products are designed to optimize both structure and chemistry creating an ideal microenvironment for healing.

TECHNOLOGY PLATFORMS

BIOSPIN™

Microfibrous biofabrication technology for soft tissue augmentation with biomechanical performance





BIOSPIN, a hybrid electrospun / pneumatospun technology for highly organized, highly porous collagen-based microfibrillar devices designed for soft tissue augmentation. The BIOSPIN platform technology is used in our TAPESTRY® Biointegrative Implant for tendon and ligament augmentation.

OUR PRODUCTS



TAPESTRY Biointegrative Implant is a bioengineered implant with a highly aligned & highly porous architecture combined with type I bovine collagen chemistry specifically designed for tendon and ligament repair.

[Learn more about TAPESTRY.](#)



TAPESTRY RC Arthroscopic Delivery and Fixation System is the first arthroscopic implant system for rotator cuff that combines a biointegrative collagen-based implant with fully bioabsorbable fixation and streamlined arthroscopic delivery for partial to full thickness rotator cuff tears.

[Learn more about TAPESTRY RC](#)

EMBODY PATENTS

Embody patent information is provided to satisfy the notice requirement for the virtual patent marking provision of the America Invents Act. The following list may not be all inclusive.

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11,338,056

Microfluidic Extrusion

US D946,768

Insertion Device (Achilles)

US 11,259,939

Graft Inserter

US 11,020,509

Microfluidic Extrusion of Collagen Fibers

US 11,338,057

Microfluidic Extrusion

US D946,767

Design Patent Insertion Device (Achilles)

US 11,213,610

Biopolymer Scaffolds and Methods for their Production

US 11,116,870

Biopolymer Compositions, Scaffolds and Devices

US 10,966,815

Enclosure Device for an Implantable Repair Device

US 10,653,817

Method for Producing an Implantable Ligament and Tendon Repair Device

US 10,835,639

Biopolymer Compositions, Scaffolds and Devices

US 10,617,787

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