

Changing the course of rotator cuff disease

Rotator cuff disease is a significant and costly problem²⁻⁴ that causes ongoing pain and limits patients' mobility. Progressive in nature, small tears tend to grow in size and severity over time, eventually requiring surgery.1-3

- Up to 80% of partial-thickness tears increase in size within two years⁶
- Untreated rotator cuff tendinosis can progress to a partial- or full-thickness tear
- Larger tears requiring surgery tend to re-tear over 40% of the time8-10

Now you can disrupt rotator cuff disease progression biologically¹

The REGENETEN Bioinductive Implant stimulates the body's natural healing response to support new tendon growth and disrupt disease progression.^{1,2} Derived from highly purified bovine Achilles tendon, it creates an environment that is conducive to healing.^{1,2}

Biologically improve healing

- Proprietary, highly porous implant design facilitates the formation of new tendonlike tissue^{1,2}
- New tissue reduces the peak strain at the site of the tear¹¹
- Gradually absorbs within 6 months and leaves a layer of new tendon-like tissue to biologically augment the existing tendon¹²



rotator cuff tear



Implant in situ



12 months post-op



Demonstrated clinical efficacy

- Induction of new tendonlike tissue in all patients (N=33)
- Mean increase of tendon thickness of 2.2 mm (P < 0.0001) at 3 months
- Potentially reduce re-tears¹³



Excellent safety profile

- No foreign body/ inflammatory reaction
- -No implant-related complications



Impressive patient outcomes

- High patient satisfaction (94%) after 1 year
- Rapid recovery: average 23 days of sling time
- Significantly improved ASES pain score at 1 year (P < 0.0001)‡

Natural progression of rotator cuff disease

In conjunction with subacromial decompression (SAD)

In lieu of standard repair

Full-Thickness Tears

In conjunction with standard

REGENETEN Bioinductive Implant

*Results from a prospective multi-center study of patients with partial-thickness tears. Patients had chronic, degenerative, intermediate grade (n=12) or high grade (n=21) partial-thickness tears of the supraspinatus tendon. The REGENETEN Bioinductive Implant was attached following arthroscopic subacromial decompression without repair. Clinical outcomes were assessed pre-op and at 3 and 12 months post-op using American Shoulder and Elbow Surgeons (ASES) and Constant-Murley (CM) scores. Post-op tendon healing and thickness was assessed with MRI.

\$\pm\$ASES pain score improved from 4.2 \pm 0.4 standard error of mean (SEM) at baseline to 0.6 \pm 0.2 (SEM) at 1 year.



Ordering information

Implants	
Reference #	Description
4565	Medium Bioinductive Implant with Arthroscopic Delivery (1)
4566	Large Bioinductive Implant with Arthroscopic Delivery (1)
Anchors	
Reference #	Description
4403	Bone Anchors (3) with Advanced Delivery System
2504-1	Tendon Anchors (8)
Accessory Devices	
Reference #	Description
4173-1	Tendon Marker (2)
4402	Tendon Stabilizing Guide (1)
2503-S	Bone Anchor (1)

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