The right solution for your patients

- Stimulates the body’s natural healing response to support new tendon growth and disrupt disease progression1,2
- Clinically proven to increase tendon thickness1,13
- Delivers excellent outcomes in patient satisfaction, recovery, and pain scores1

Another innovation from Smith & Nephew Shoulder Solutions.

References
Rotator cuff disease is a significant and costly problem\textsuperscript{2-4} that causes ongoing pain and limits patients' mobility.\textsuperscript{1} Progressive in nature, small tears tend to grow in size and severity over time, eventually requiring surgery.\textsuperscript{1-3}

- Up to 80% of partial-thickness tears increase in size within 2 years\textsuperscript{6}
- Untreated rotator cuff tendinosis can progress to a partial- or full-thickness tear\textsuperscript{7}
- Larger tears requiring surgery tend to re-tear over 40% of the time\textsuperscript{8-10}

Changing the course of rotator cuff disease.

**REGENETEN\textsuperscript{®} Bioinductive Implant**

Now you can disrupt rotator cuff disease progression biologically\textsuperscript{1}

The REGENETEN Bioinductive Implant stimulates the body’s natural healing response to support new tendon growth and disrupt disease progression.\textsuperscript{1,2}

Biologically improve healing

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

Addressing disease progression at every stage

**Natural Progression of Rotator Cuff Disease**

- Severe Tendinosis/\textsuperscript{Low-Grade Partial-Thickness Tears}
  - Failed Conservative Treatment
  - In conjunction with subacromial decompression (SAD)
  - In lieu of standard repair

- High-Grade Partial-Thickness Tears
  - Full-Thickness Tears
  - In conjunction with standard repair

- Full-Thickness Tears
  - In conjunction with repair

**REGENETEN Bioinductive Implant**

**Proven results. Positive outcomes.\textsuperscript{*}**

**Demonstrated clinical efficacy**

- Induction of new tendon-like tissue in all patients (N=33)
- Mean increase of tendon thickness of 2.2 mm (P < 0.0001) at 3 months
- Reduction in defect size of at least 1 grade\textsuperscript{1}

**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)\textsuperscript{‡}

\textsuperscript{*}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.

\textsuperscript{†}In 31 (94%) patients over 12 months.

\textsuperscript{‡}ASES pain score improved from 4.2 ± 0.4 standard error of mean (SEM) at baseline to 0.6 ± 0.2 (SEM) at 1 year.