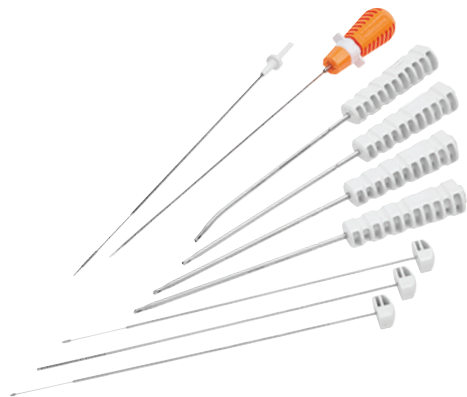


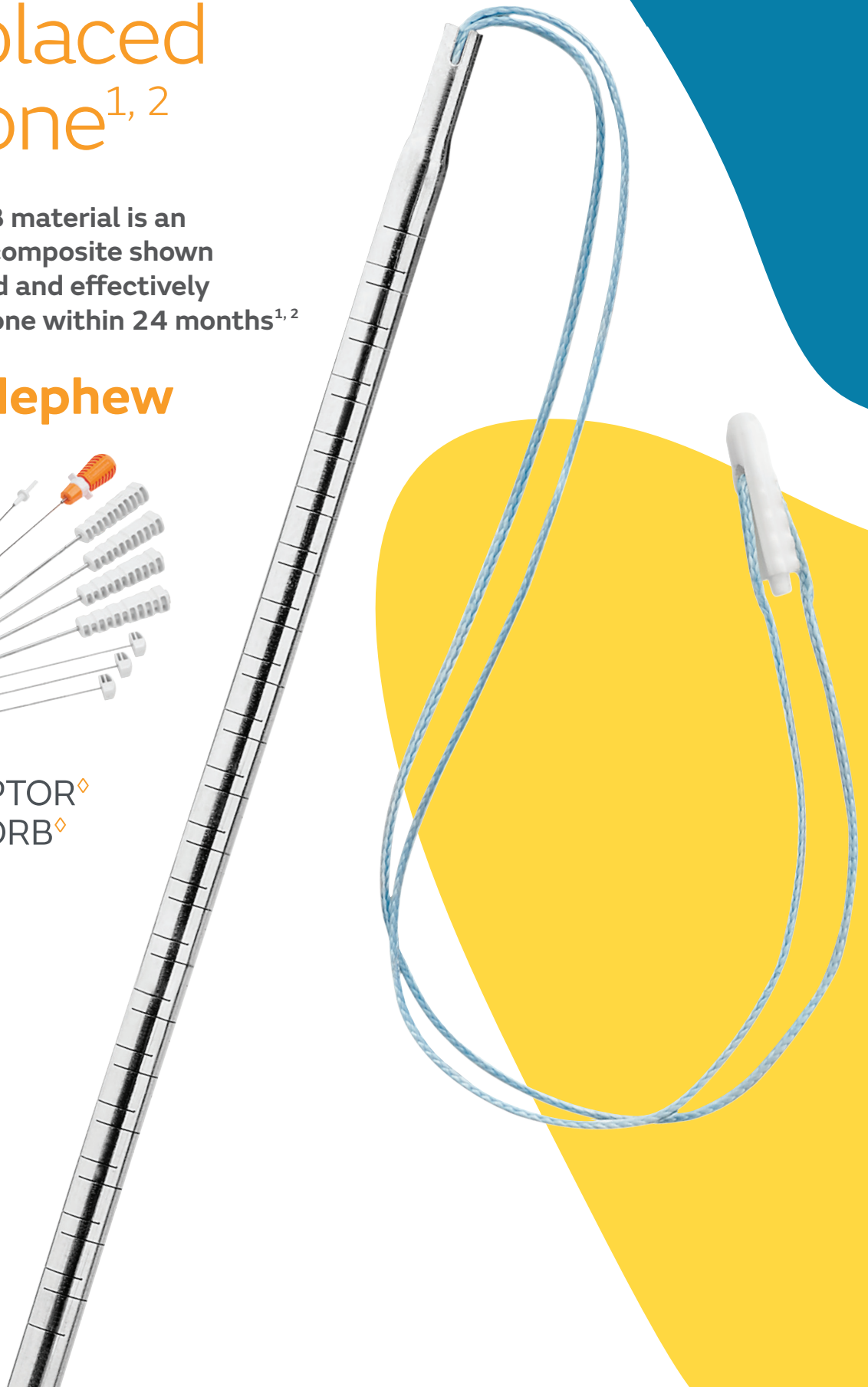
Absorbed + replaced by bone^{1, 2}

REGENESORB material is an advanced biocomposite shown to be absorbed and effectively replaced by bone within 24 months^{1, 2}

Smith+Nephew



MICRORAPTOR[◇]
REGENESORB[◇]
Suture Anchor



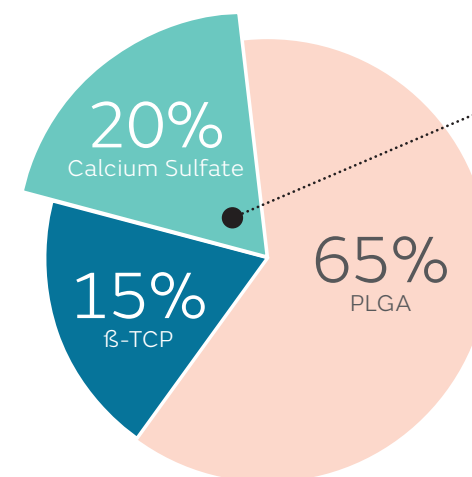


REGENESORB[®] material uses a novel poly (PLGA) based biocomposite material that contains **β-tricalcium phosphate (β-TCP)** and **calcium sulfate**, both previously demonstrated to be osteoconductive.³⁻⁶

Designed to provide a jump start in bone healing

A micro-class anchor with a shallow drill depth that can be absorbed and replaced by bone in 24 months^{1,2} while providing a solid finished construct.

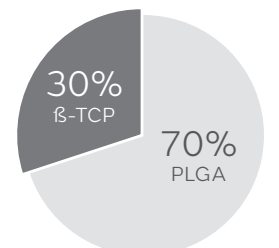
REGENESORB[®] Material



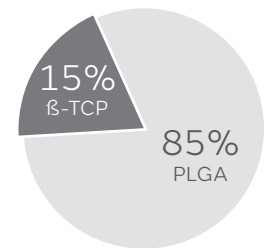
- Calcium Sulfate:** Works in early healing stages at 4-12 weeks^{5,7,8} and is associated with increased levels of local growth factors⁴
- β-TCP:** Sustained bone formation for up to 2 years^{9,10}
- PLGA:** Comprised of natural products – lactic acid and glycolic acid^{11,12}

Most biocomposite materials rely solely on the osteoconductive properties of β-TCP.⁵⁻⁷ REGENESORB material contains two osteoconductive components – β-TCP and calcium sulfate – which act during different stages in the bone healing process and through different mechanisms of action, physical and biochemical. REGENESORB Material is unique in this regard.

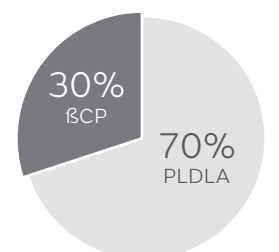
No other biocomposite material can claim this.^{4,6,8}



Mitek Biocryl^{®13}



Arthrex[®] BioComposite[®] Anchor¹⁴

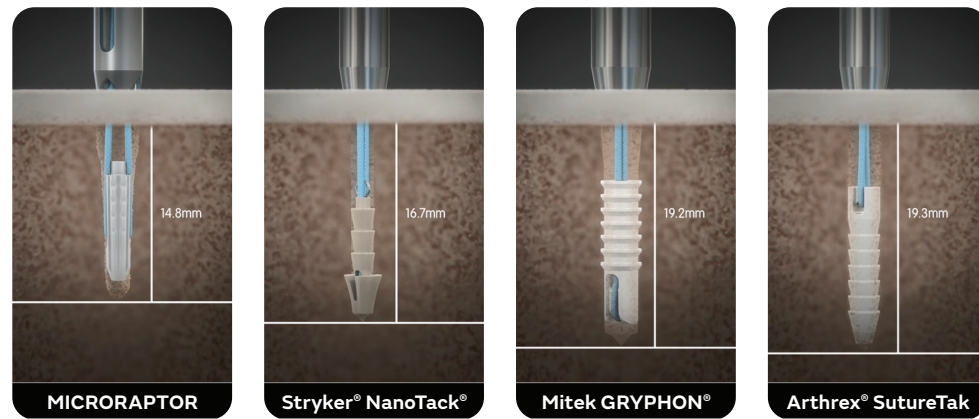


Arthrex[®] BioComposite[®] Screw¹⁴

MICRORAPTOR[®] REGENESORB[®] Anchor Features

+ Compact size

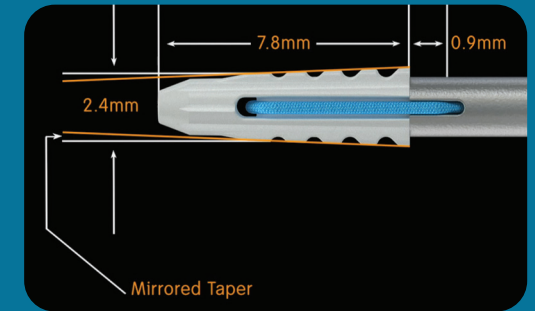
The MICRORAPTOR REGENESORB Suture Anchor's small diameter (2mm area) allows you to place multiple anchors for increased points of fixation around the acetabulum or glenoid, contributing to a secure repair.



Pilot hole depth of the MICRORAPTOR REGENESORB suture anchors compared to the Stryker[®] NanoTack[®], Mitek GRYPHON[®] and Arthrex[®] SutureTak[®] anchors.

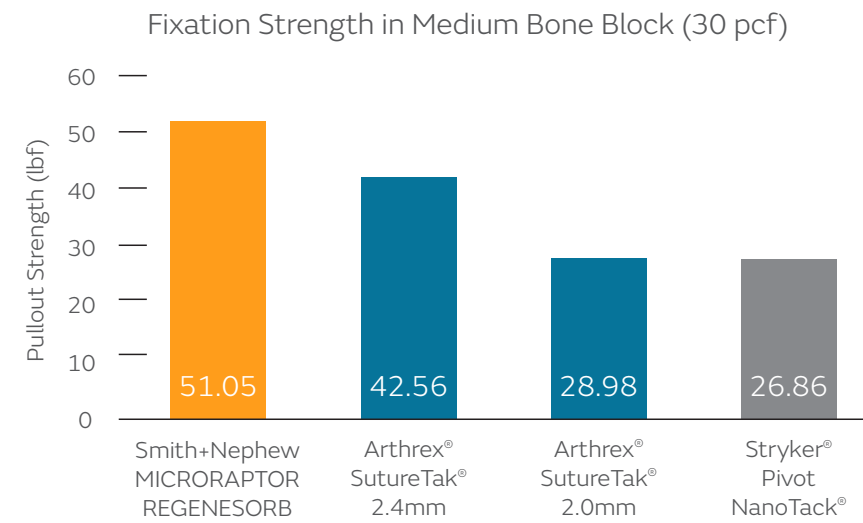
+ Shallow 15mm drill depth¹⁵

Shorter drill depth than the Stryker[®] Nanotack[®], Mitek GRYPHON[®], and Arthrex[®] SutureTak[®] anchors.



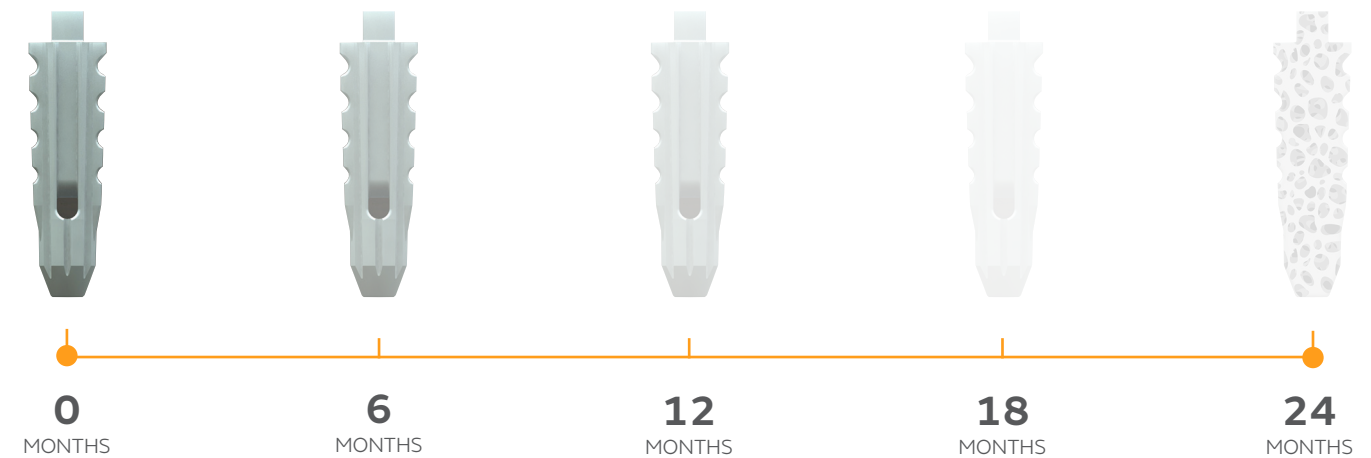
A Unique, Rectangular Anchor

Anchor tapers toward the distal tip increasing points of fixation



+ Replaced by bone¹⁻²

Smith+Nephew REGENESORB material is designed to remain mechanically stable for a minimum of six months* before being absorbed and replaced by bone within 24 months.**^{1,2}



* As demonstrated in vitro
** Demonstrated clinically and in vivo

Replaced by bone

Improved Access

The Curved Guide System improves access to challenging hip and shoulder pathology

MICRORAPTOR® REGENESORB® has the shortest drill depth among micro-class suture anchors, the risk of articular surface perforation, bicortical perforation, and converging tunnels may be reduced.³



+ Unique tactile and visual cues

The Curved Drill Guide has intuitive visual and tactile cues that facilitate drill guide positioning and anchor placement.



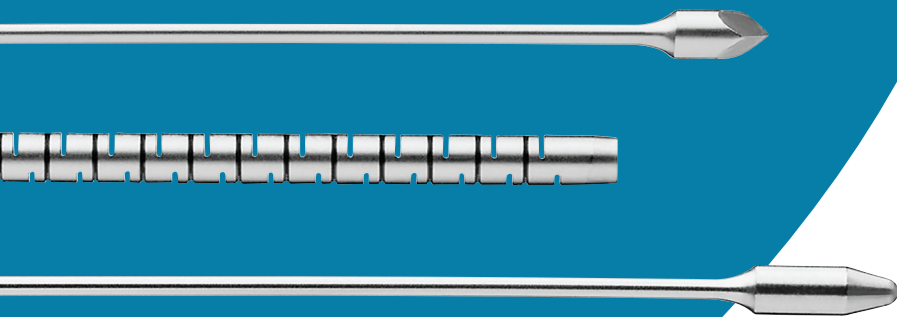
The posterior laser mark helps with orientation when in the hip. The crescent-shaped laser mark indicates the orientation of the curvature.



An 'orientation bump' provides tactile feedback that corresponds with the direction of the curve.

Curved and cannulated obturators available

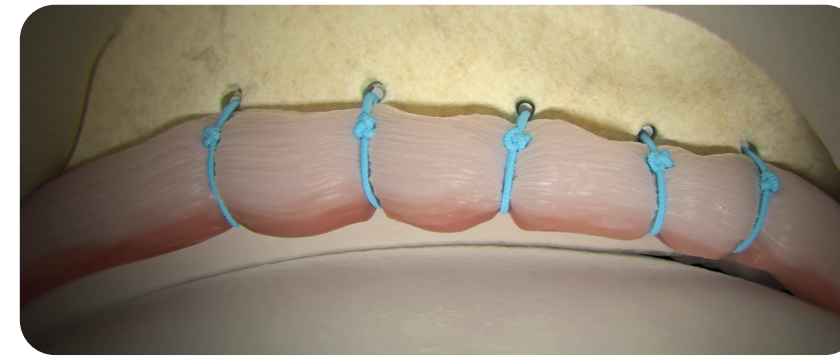
By offering a flexible cannulated obturator option, the surgeon may use a curved or straight guide for a percutaneous approach.



Hip and shoulder indications

Hip

For hip labral repair, the Curved Drill Guide is designed to provide improved access to the acetabular rim when compared to traditional straight instruments. It allows for the anchor to be positioned closer to the articular side of the acetabular rim, with less risk for penetration of the articular cartilage when compared to straight delivery systems.



Shoulder

For shoulder applications, the Curved Drill Guide allows anchors to be placed confidently in the inferior aspect of the glenoid and the curve design is intended to reduce the risk of bicortical perforation.



Ordering information

MICRORAPTOR® REGENESORB® Suture Anchors

Reference #	Description
72204983	MICRORAPTOR REGENESORB Suture Anchor with ONE ULTRABRAID® #1 Suture (Blue)
72204984	MICRORAPTOR REGENESORB Suture Anchor with ONE ULTRABRAID #1 Suture (Blue COBRAID)

MICRORAPTOR REGENESORB Drill Guides, Drills and Obturators

Reference #	Description
72204988	MICRORAPTOR Drill, 1.6mm
72205267	MICRORAPTOR Hard Bone Drill, 1.8mm
72204991	MICRORAPTOR Drill Guide, Crown Tip
72204992	MICRORAPTOR Drill Guide, Spike Tip
72204993	MICRORAPTOR Drill Guide, Crown Tip, Curved
72204995	MICRORAPTOR Drill Guide, Fishmouth Tip
72204999	MICRORAPTOR Obturator, Blunt Tip, Cannulated
72205000	MICRORAPTOR Obturator, Blunt Tip, Cannulated
72205001	MICRORAPTOR Obturator, Trocar Tip

*Other compatible sutures are available

Indications for Use

MICRORAPTOR REGENESORB Suture Anchors are intended to be used for soft tissue to bone fixation for:

- Shoulder: Capsular Stabilization including Bankart repair, anterior instability; SLAP lesion repair; capsular shift or capsulolabral reconstructions; biceps tenodesis.
- Hip: Acetabular repair or reconstruction.

Learn more at smith-nephew.com

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