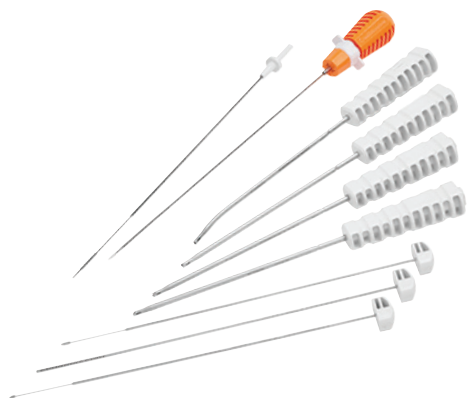


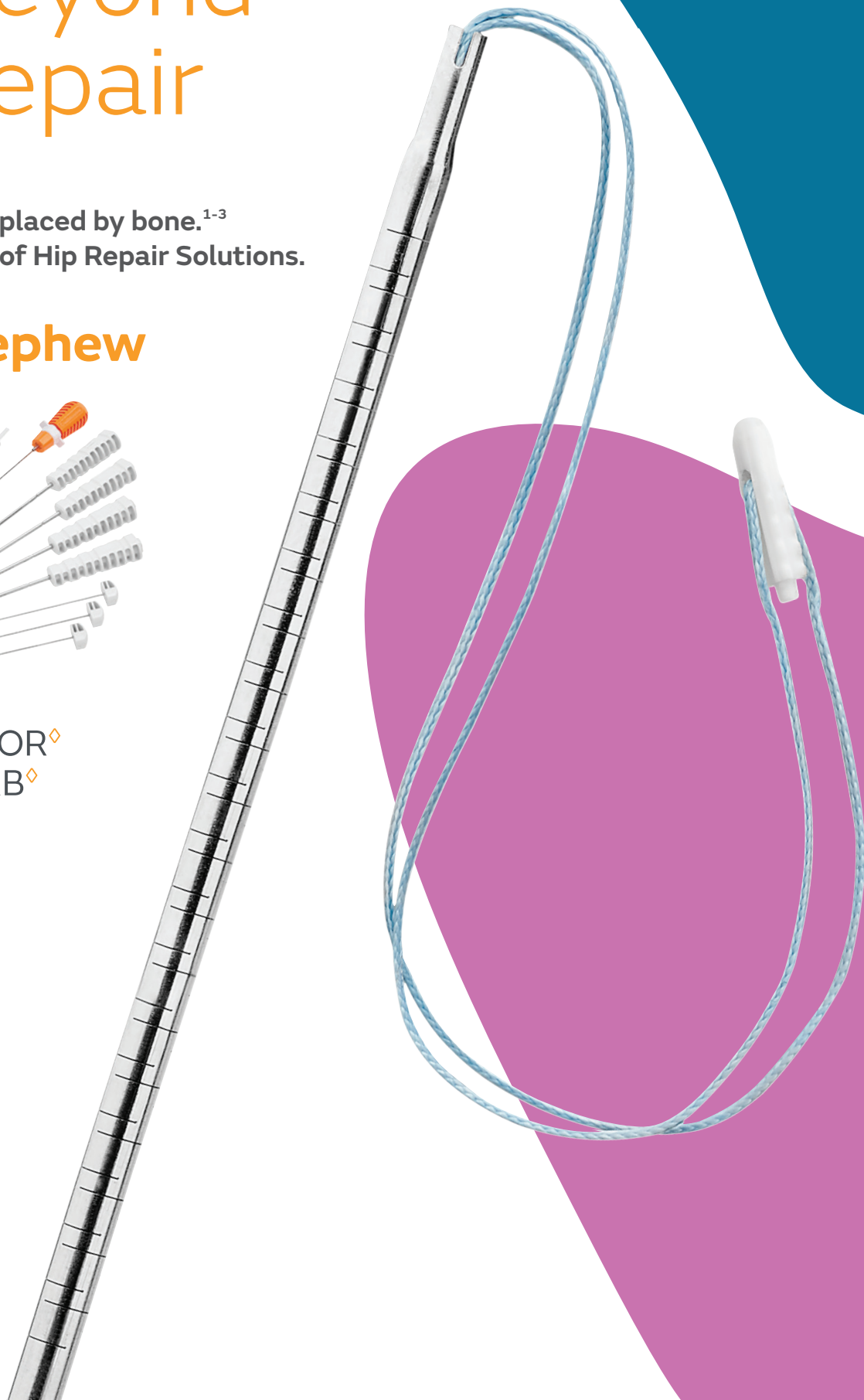
# + Go beyond the repair

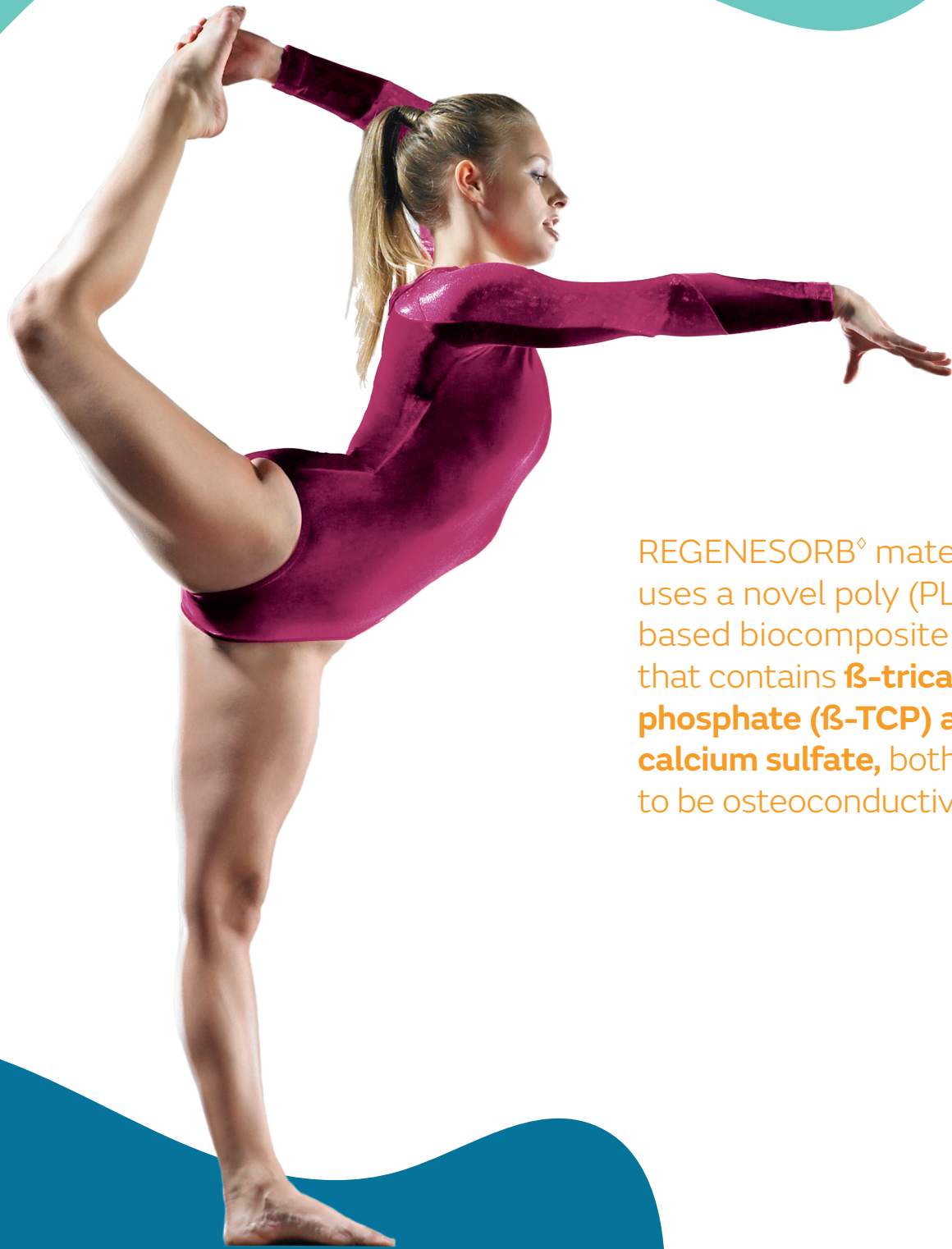
Absorbed and replaced by bone.<sup>1-3</sup>  
An integral part of Hip Repair Solutions.

**Smith+Nephew**



MICRORAPTOR<sup>◇</sup>  
REGENESORB<sup>◇</sup>  
Suture Anchor



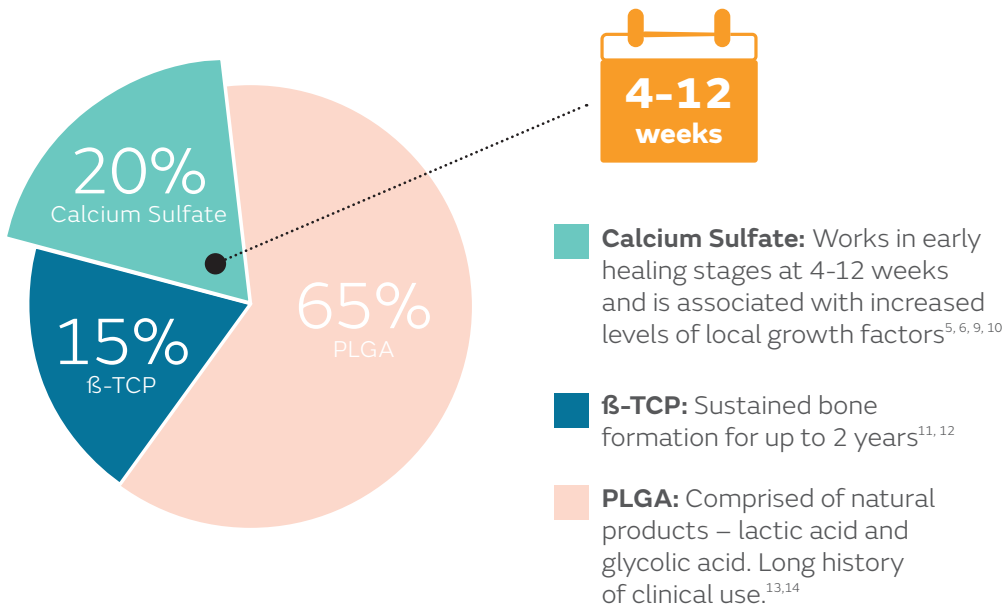


REGENESORB<sup>®</sup> material uses a novel poly (PLGA) based biocomposite material that contains  **$\beta$ -tricalcium phosphate ( $\beta$ -TCP) and calcium sulfate**, both accepted to be osteoconductive.<sup>4-7</sup>

# Designed to provide a jump start in bone healing

A micro-class anchor with a shorter drill depth<sup>8\*</sup> that can be absorbed and effectively replaced by bone in 24 months<sup>1-3</sup> while providing a solid finished construct.

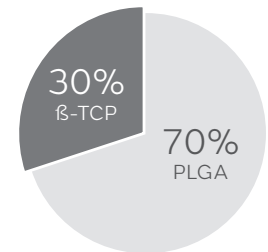
## REGENESORB<sup>◊</sup> Material



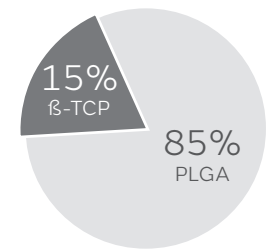
Most biocomposite materials rely solely on the osteoconductive properties of β-TCP. REGENESORB material contains two osteoconductive components – β-TCP and calcium sulfate – which act during different stages in the bone healing process and through different mechanisms of action, physical and biochemical.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

**No other biocomposite material can claim this.**<sup>5,9,15</sup>

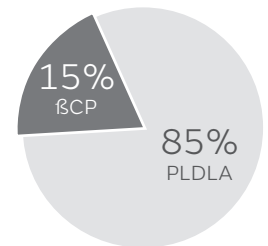
\*Compared to Stryker NanoTack™, Mitek GRYPHON™ and Arthrex SutureTak™; benchtop testing performed in 2018



Mitek Biocryl<sup>®16</sup>



Arthrex<sup>®</sup> BioComposite<sup>®</sup> Anchor<sup>17</sup>

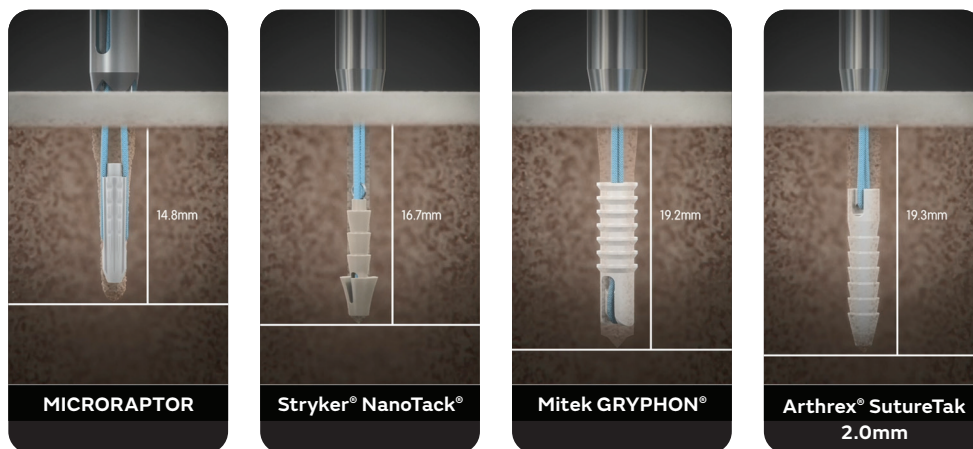


Arthrex<sup>®</sup> BioComposite<sup>®</sup> Screw<sup>17</sup>

# MICRORAPTOR<sup>◇</sup> REGENESORB<sup>◇</sup> Anchor Features

## + Smaller footprint

The MICRORAPTOR REGENESORB Suture Anchor's smaller footprint (2.95mm<sup>2\*</sup>) area may allow you to place multiple anchors for increased points of fixation around the acetabulum, contributing to a secure repair.<sup>8</sup>



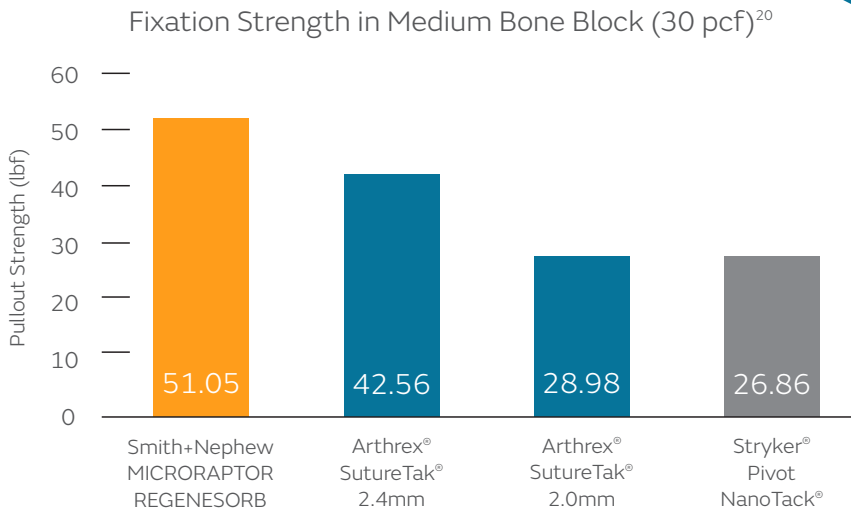
## + Shorter 15mm drill depth<sup>8</sup>

Shorter drill depth\* which may minimise anatomic disruption.<sup>8</sup>



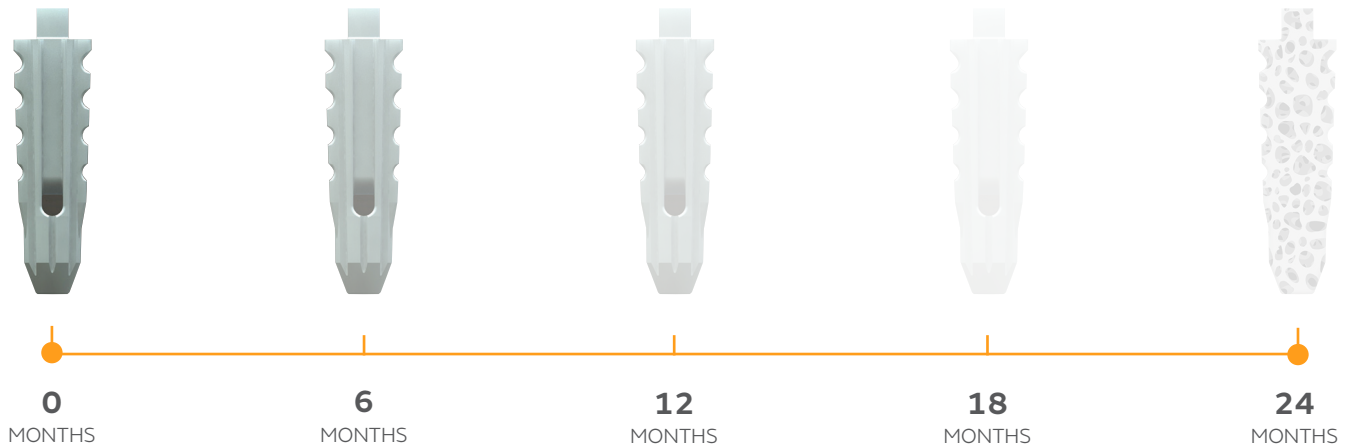
\*Compared to Stryker NanoTack<sup>™</sup>, Mitek GRYPHON<sup>™</sup> and Arthrex SutureTak<sup>™</sup>; benchtop testing performed in 2018

## + Higher fixation strength



## + Effectively replaced by bone<sup>1-3</sup>

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.\*\*<sup>1-3, 18, 19</sup>



\* As demonstrated in vitro

\*\* Demonstrated clinically and in vivo

# Improved Access

## The Curved Guide System allows access to challenging hip pathology<sup>21</sup>

MICRORAPTOR<sup>®</sup> REGENESORB<sup>®</sup> has the shortest drill depth among micro-class suture anchors\* which may reduce the risk of articular surface perforation, bicortical perforation and converging tunnels.<sup>3</sup>

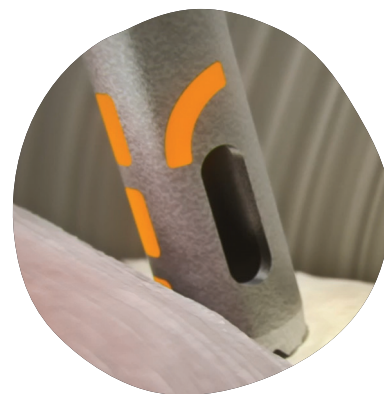
## Curved and cannulated obturators available

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

\*Compared to Stryker NanoTack™, Mitek GRYPHON™ and Arthrex SutureTak™; benchtop testing performed in 2018

### + Unique tactile and visual cues

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



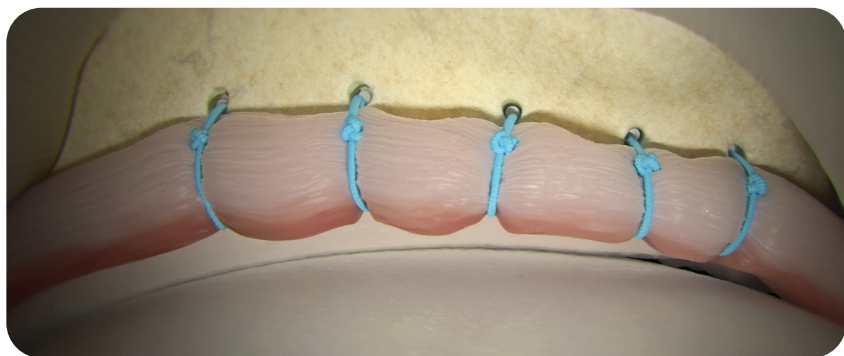
The posterior laser mark helps with orientation when in the hip. The crescent-shaped laser mark indicates the orientation of the curvature.



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

# Hip indications

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.<sup>21, 22</sup>



# 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

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For detailed product information, including indications for use, contraindications, precautions and warnings, please consult the product's applicable Instructions for Use (IFU) prior to use.

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