 **smith&nephew**
OSTEORAPTOR[®]
2.3mm & 2.9mm
Suture Anchors

A precisely sized, naturally absorbed,
suture anchor for hip labral repairs.



Introducing our smallest bioabsorbable hip anchor, precisely sized for the tight confines of the hip.

New OSTEORAPTOR[®] 2.3mm and 2.9mm Suture Anchors from Smith & Nephew incorporate the natural biocompatibility of hydroxyapatite (HA), a calcium phosphate similar to the mineral found in bone. A natural solution, in sizes that allow you to position repairs precisely where you want.

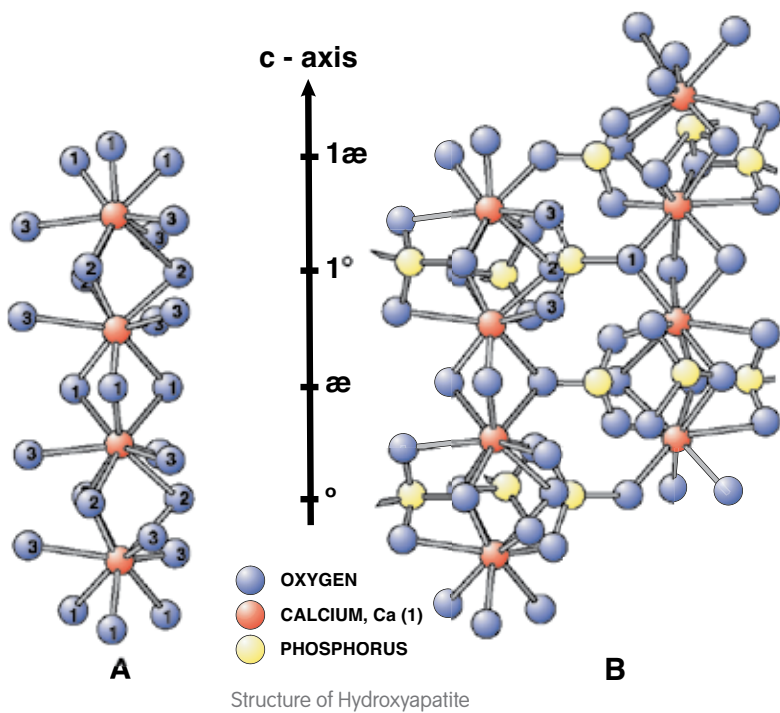
Small anchors, precise instruments, strong results

- The 2.3mm and 2.9mm sizes gives you more repair options
- OSTEORAPTOR Suture Anchors are based on the same proven design and instrumentation as our BIORAPTOR[®] system
- Our diverse family of inline guides enables surgeon preference with regard to bone engagement
- Depth stop on the drill guide provides confidence in drill depth
- Rib design offers strong fixation
- Anchors are preloaded with high-strength ULTRABRAID[®] Sutures



A natural solution

- Hydroxyapatite (HA) is a natural bone mineral shown to promote bone replacement¹
- HA exists in the body, making it naturally biocompatible
- HA provides a consistent degradation cycle by neutralizing the acidity of the area, allowing higher strength retention over time²



Improved mechanical properties

- The addition of HA can significantly enhance the material mechanical properties³
- HA has been shown to functionally integrate by forming bonds with surrounding bone¹
- Once absorbed, HA has the fracture resistance of cortical bone³
- Rib design offers strong fixation

1. S.D. Cook, D.A. Funk, T.P. Schmalzried. *Orthopedic Biomaterials and Implant Fixation*, instructional course lecture, AAOS 63rd meeting.

2. C.M. Agrawal, K.A. Athanasiou. "Technique to control PH in vicinity of biodegrading PLS-PGA implants." *J. Biomed Materials Research*; 39 (2) (1997): 105-114.

3. M. Akao, H. Aoki, and K. Kato, "Mechanical Properties of Sintered Hydroxylapatite for Prosthetic Applications." *Journal of Material Science* 16 (1981): 809-812.

Ordering Information

72201991	OSTEORAPTOR® 2.3 Suture Anchor with one ULTRABRAID® II #2 Suture (Blue)
72201992	OSTEORAPTOR 2.3 Suture Anchor with one ULTRABRAID #2 Suture (COBRAID Black)
72201993	OSTEORAPTOR 2.3 Suture Anchor with one ULTRABRAID #2 Suture (COBRAID Blue)
72201105	2.3mm Inline Drill Guide, Fishmouth Tip
72201110	2.3mm Inline Drill Guide, Spike Tip
72201111	2.3mm Inline Drill Guide, Crown Tip
72201824	2.6mm Twist Drill Bit for 2.3 Anchor
72201108	2.6mm Spade Drill Bit for 2.3 Anchor
72201106	2.3mm Inline Obturator, Blunt Tip
72201107	2.3mm Inline Obturator, Cannulated, Blunt Tip
72201112	2.3mm Inline Obturator, Trocar Tip



72202165	OSTEORAPTOR 2.9 Suture Anchor with one ULTRABRAID II #2 Suture (Blue)
72201994	OSTEORAPTOR 2.9 Suture Anchor with one ULTRABRAID #2 Suture (COBRAID Blue)
72201995	OSTEORAPTOR 2.9 Suture Anchor with two ULTRABRAID #2 Sutures (White/COBRAID Blue)
72201996	OSTEORAPTOR 2.9 Suture Anchor with two ULTRABRAID #2 Sutures (White/COBRAID Black)
72201389	2.9mm Inline Drill Guide, Fishmouth Tip
72201388	2.9mm Inline Drill Guide, Spike Tip
72201390	2.9mm Inline Drill Guide, Crown Tip
72201391	2.9mm Inline Drill Guide, Offset Fishmouth Tip
72201918	2.9mm Inline Spade Drill Bit, 2.7 mm for hard bone
72201395	2.9mm Inline Spade Drill Bit, 2.9 mm for hard bone
72201392	2.9mm Inline Obturator, Blunt Tip
72201393	2.9mm Inline Obturator, Cannulated, Blunt Tip
72201394	2.9mm Inline Obturator, Trocar Tip