

# Go beyond the repair

Consistent deployment<sup>1-3</sup>, fixation strength<sup>4,5</sup> An essential part of Hip Repair Solutions

### Smith-Nephew

Q-FIX<sup>\$</sup> All-Suture Anchor

## Q-FIX<sup>o</sup> All-Suture Anchor

#### Consistent deployment<sup>1-3</sup>

- Designed to provide consistent deployment due to the radially expanding implant design and delivery system
- The active deployment against the inserter shaft and the tensioning of the sutures to at least 140N contributes to the low displacement during cyclic loading\*<sup>4-8</sup>

\*As demonstrated in benchtop testing







Radial expanding deployment



#### Fixation strength<sup>4, 5</sup>

- Shown to provide greater fixation strength when compared to other commercially available all-suture anchors  $^{*4,5}$
- Provides the benefits of a small, soft anchor with the fixation characteristics similar to or greater than traditional solid body anchors.\*\*<sup>5,9,10</sup>
- Libran Lobis Millisubic is The 1.8mm all-suture anchor demonstrates very low incidence of pullout.\*\*\* The anchor was reported to be exceptionally reliable for acetabular labrum repair.<sup>13</sup>



Max Load of Labral Repair Anchors Tested (in 30 pcf)<sup>5</sup>

\*As demonstrated in benchtop testing; Compared to BIORAPTOR<sup>®</sup> 2.3 PK Suture Anchor, Zimmer Biomet JuggerKnot™ 1.45 (#1 and #2), Conmed Y-Knot™ Flex 1.3 and Stryker Iconix 1

\*\* As demonstrated in benchtop testing

\*\*\* Pullout was observed in 33 anchors (1.6%). Almost exclusively associated with failure to securely imbed the anchor in bone, with an estimated pullout of just three (0.15%) properly seated implants

#### Improved access<sup>11</sup>

Improve access to challenging hip anatomy with the Q-FIX Curved Drill Guide, complete with intuitive visual and tactile cues<sup>11</sup>

177

Greater accuracy than leading competitor curved drill guides\*, producing less than 1 degree of deviation12

\*Measured as drill deviation vs. drill guide angle; Compared to Cayenne SureLock™ Curved, Stryker Iconix Curved, Arthrex Fibretak Curved, Zimmer Biomet JuggerKnot<sup>™</sup> Long Curved (without centering sleeve)

#### Low displacement

- Ultra-low displacement during cyclic loading\*\*<sup>4-8</sup>
- Q-FIX 1.8mm anchor shown to provide leading performance, with the lowest displacement during cyclic loading among competitor all-suture anchors \*\*\*4,5,8

\*\* As demonstrated in benchtop testing

\*\*\* As demonstrated in benchtop testing; Compared to Stryker Iconix 1, 2, 2.5 and 3, Parcus Medical Draw Tight™ 1.8 and 3.2, Zimmer Biomet Juggerknot™ 1.4, 1.45 (#1 and #2), 1.5 and 2.9 and Conmed Y-Knot™ Flex 1.3, 1.8 and 2.8



Displacement at 400 cycles (in 30 pcf)<sup>5</sup>

or communication

3

#### Ordering information

.8mm, with one white	72290
	72290
	72290
.8mm, with one	72290
	25-18
	Q-FIX
hor, 1.8mm, with e, cobraid-wire	72290
.8mm, with one braid-blue	72290
hor Disposable ill, crown drill	* Legal n Andove
isposable Kit XL, /n tip drill guide	
	hor, 1.8mm, with e, cobraid-wire .8mm, with one braid-blue hor Disposable ill, crown drill isposable Kit XL,

Q-FIX Reusable Accessories		
72290032	Q-FIX All-Suture Anchor Drill Guide, fish mouthg tip, 1.8mm, nonsterile, reusable	
72290120	Q-FIX All-Suture Anchor Curved Drill Guide, crown tip, 1.8mm, nonsterile, reusable	
72290119	Q-FIX All-Suture Anchor Curved Drill Guide XL, crown tip, 1.8mm, nonsterile, reusable	
25-1812	PATHFINDER° Obturator, 1.8mm, nonsterile, reusable	
Q-FIX Disposa	able Accessories	
72290030	Q-FIX All-Suture Anchor Straight Twist Drill, 1.8mm, sterile, disposable	
72290118	Q-FIX All-Suture Anchor Flexible Drill, 1.8mm, sterile, disposable	

\* Legal manufacturer is Smith & Nephew, Inc. 150 Minuteman Road Andover, MA 01810 USA

Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Smith+Nephew representative or distributor if you have questions about the availability of Smith+Nephew products in your area.

#### Learn more at smith-nephew.com

Distributed by: Smith & Nephew, Inc. 150 Minuteman Road Andover, MA 01810 USA

www.smith-nephew.com T +978 749 1000 US Customer Service: +1 800 343 5717 Manufactured by: ArthroCare Corporation 7000 West William Cannon Drive Austin, TX 78735, USA °Trademark of Smith+Nephew. All trademarks acknowledged. ©2024 Smith+Nephew. All rights reserved. 32162 V2 03/24

#### References

ArthroCare Corporation 2016. Report: Design Verification, 1.8mm & 2.8 mm Q-Fix Suture Anchor P/N 49190-01 Rev.B. 2. ArthroCare Corporation 2017. Report: Design Verification, 1.8mm Q-FiX MINI Soft Suture Anchor P/N 49190-03 Rev. B. 3. Smith+Nephew 2020. Safety and Performance of Q-Fix All-Suture Anchor System 17-5010-11.
Barber FA, Herbert MA. All-Suture Anchors: Biomechanical Analysis of Pullout Strength, Displacement, and Failure Mode. *Arthroscopy.* 2017;33(6):1113-1121. 5. Douglass NP, Behn AW, Safran MR. Cyclic and Load to Failure Properties of All-Suture Anchors in Synthetic Acetabular and Glenoid Cancellous Bone. *Arthroscopy.* 2017;33(5):977-985 e975.
ArthroCare 2019. Comparative Testing of Bone Anchor Devices, 1.8mm Q-FIX Mini Soft Suture Anchor P/N 49193-02 Rev.B. 7. Nagra NS, Zargar N, Smith RD, Carr AJ. Mechanical properties of all-suture anchors for rotator cuff repair. Bone *Joint Res.* 2017;6(2):82-89. 8. Ruder JA, Dickinson EY, Peindl RD, Habet NA, Trofa DP, Fleischli JE. Cyclic and Load-to-Failure Properties of All-Suture Anchors in Human Cadaveric Shoulder Glenoid Bone. *Arthroscopy.* 2019;35(7):1954-1959 e1954. 9. Bernardoni E, Frank RM, Veera SS, et al. Biomechanical Analysis of All-Suture Anchors for Repair. Orthop J Sports Med. 2018;6(7 suppl4). 10. Saper MG, Meijer K, Winnier S, Popovich J, Jr., Andrews JR, Roth C. Biomechanical Evaluation of Classic Solid and All-Soft Suture Anchors for Medial Patellofemoral Ligament Reconstruction. *Am J Sports Med.* 2017;45(7):1622-1626.
ArthroCare Corporation 2017. Report: Design Validation, Q-FIX Reusable Curved Drill Guides and Disposable Flex Drill, Irvine CA P/N 92017-01 Rev. A. 12. Smith + Nephew 2016. Feasability, MINITAPE Knot Stack Evaluation and Knot Security. 15005268. Rev A. 14. Smith + Nephew 2013.ULTRATAPE Pressure Film Testing. 15001847. Rev A. 15. Smith + Nephew 2017.Verification, MINITAPE Suture Manipulation Instrument Compatibility. 15005671. Rev A. 16. Byrd JWT, Jones KS, Loring CL,