

+ Go beyond
the repair

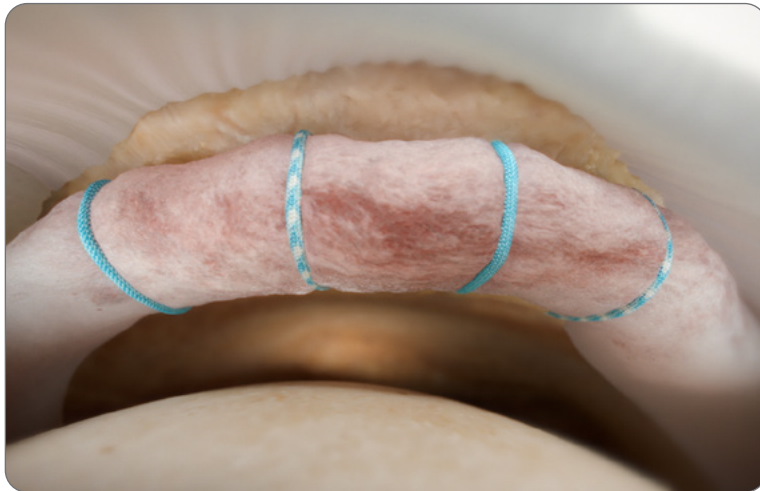
Smith+Nephew



Q-FIX^o KNOTLESS
All-Suture Anchor

+ Q-FIX[®] KNOTLESS All-Suture Anchor

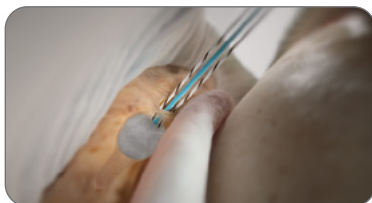
- **Designed** for controlled tensioning post deployment¹
- **Suture lock feature** allows for best in class soft tissue security^{*2}



Watch

Q-FIX KNOTLESS All-Suture Anchor
Hip Labral Repair Animation

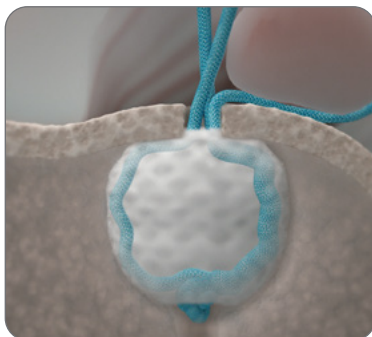
Streamlined suture shuttling²



1. Deploy



2. Pass

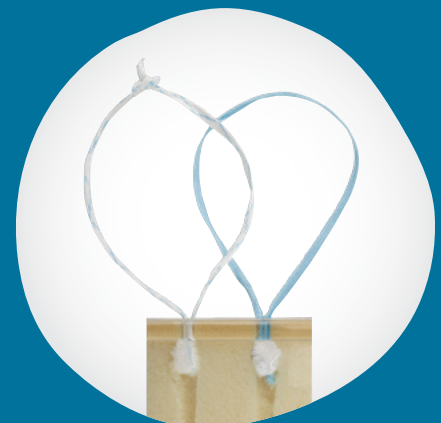


3. Shuttle



4. Tension & Suture Lock

Q-FIX KNOTLESS All-Suture Anchor
+ Q-FIX 1.8 All-Suture Anchor
have equivalent suture displacement
when subjected to cyclic loading^{**2}



NOTE: Both a standard and inverted repair of the labrum is possible based on suture passing technique

^{*}as compared to the competitive device in cyclic benchtop testing

^{**}as compared in benchtop testing

+ Q-FIX[®] All-Suture Anchor Family

Superior biomechanics

- The Q-FIX All-Suture Anchor Family provides market leading biomechanical performance ^{*2-8}
- Q-FIX anchors have 360° subcortical radial expansion leading to best-in class anchor fixation ^{**3-10}

Figure 1

- Provides the benefits of a small, soft anchor with the anchor fixation characteristics similar to or greater than traditional solid body anchors ^{4, 7, 11, 12}

Consistent deployment

- Active deployment against the inserter shaft consistently sets the anchor to at least 140N; contributing to **high pull-out performance** and **low displacement during cyclic loading**

^{***3-5, 7, 9, 10, 17}

Curved instrumentation

The Curved Instrumentation has intuitive visual and tactile cues that facilitate drill guide positioning and anchor placement¹³

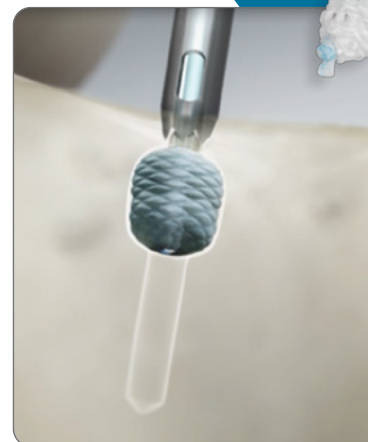
- The crescent-shaped laser mark indicates the orientation of the curvature
- The vertical laser mark indicates the trajectory of the drill bit

Q-FIX Curved Drill Guide can improve access to challenging hip anatomy.¹³



Figure 1

Inserter is 2mm below bone surface



Radial expanding deployment



Showcasing consistent active deployment across the Q-FIX All-Suture Anchor Family

^{*}as compared to competitive all-suture anchors in cyclic and fixation/pull-out benchtop testing

^{**}as compared to competitive devices in fixation/pull-out benchtop testing

^{***}as demonstrated in benchtop testing

Versatile Offerings

The Q-FIX[°] All-Suture Anchor Family offers several options to meet the needs across orthopedic procedures or surgical preferences:

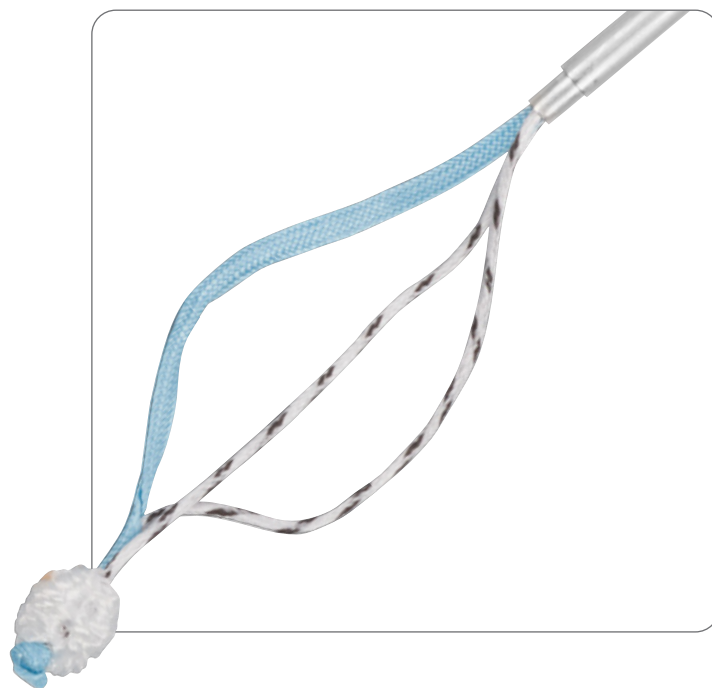
Repair construct	Q-FIX Anchor	Suture Type	# of Sutures
Knotless	Q-FIX KNOTLESS (1.8mm)	#2 Suture MINITAPE [°]	Single loaded
Knotted	Q-FIX MINI (1.8mm)	#2 Suture	
	Q-FIX (1.8mm)	#2 Suture MINITAPE [°]	

*Available for use with curved instrumentation

+ MINITAPE[°] Suture Tape

MINITAPE Suture Tape has a low profile and coreless design, which has been shown to offer a lower and more evenly distributed level of pressure^{*14}

The suture tape is conveniently tapered into #2 sutures for use with existing Smith+Nephew suture manipulation devices¹⁵



*as compared to traditional #2 suture

Ordering information

Q-FIX® KNOTLESS All-Suture Anchors*	
Reference #	Description
72205884	Q-FIX KNOTLESS All-Suture Anchor, 1.8mm, with one MINITAPE suture, blue
72205885	Q-FIX KNOTLESS All-Suture Anchor, 1.8mm, with one MINITAPE suture, co-braid blue
72205882	Q-FIX KNOTLESS All-Suture Anchor, 1.8mm, with one ULTRABRAID suture, blue
72205883	Q-FIX KNOTLESS All-Suture Anchor, 1.8mm, with one ULTRABRAID suture, cobraid-blue

Q-FIX All-Suture Anchors Pre-loaded with MINITAPE® Suture*	
72205858	Q-FIX All-Suture Anchor, 1.8mm, with one MINITAPE Suture, cobraid-white
72205859	Q-FIX All-Suture Anchor, 1.8mm, with one MINITAPE Suture, blue

Q-FIX All-Suture Anchors Pre-loaded with MAGNUMWIRE Suture	
72290123	Q-FIX MINI All-Suture Anchor, 1.8mm, with one MAGNUMWIRE Suture, cobraid-wire
25-1800	Q-FIX All-Suture Anchor, 1.8mm, with one MAGNUMWIRE Suture, cobraid-blue

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

Q-FIX Disposable kits	
72290126	Q-FIX MINI All-Suture Anchor Disposable Kit XL, 1.8mm, includes drill, crown drill guide and sharp obturator
25-1810	Q-FIX All-Suture Anchor Disposable Kit, 1.8mm, includes drill, fish mouth tip drill guide and sharp obturator
25-1811	Q-FIX All-Suture Anchor Disposable Kit XL, 1.8mm, includes drill, crown tip drill guide and sharp obturator

Q-FIX Reusable Accessories	
Reference #	Description
72290032	Q-FIX All-Suture Anchor Drill Guide, fish mouth tip, 1.8mm, nonsterile, reusable
72290034	Q-FIX All-Suture Anchor Drill Guide XL, crown 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
72290033	Q-FIX All-Suture Anchor Obturator, 1.8mm, nonsterile, reusable

Q-FIX Disposable Accessories	
72290124	Q-FIX MINI All-Suture Anchor Twist Drill, 1.8mm, sterile, disposable
72290118	Q-FIX All-Suture Anchor Flexible Drill, 1.8mm, sterile, disposable

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This material is intended for healthcare professionals. 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.

References

1. Smith and Nephew 2024. Q-FIX KNOTLESS Claims Report. Internal Report 10141818 Rev A 2. Smith and Nephew 2024. Q-FIX KNOTLESS Claims Report. Internal Report 10144423 Rev B 3. Barber FA, Herbert MA. All-Suture Anchors: Biomechanical Analysis of Pullout Strength, Displacement, and Failure Mode. Arthroscopy. 2017;33(6):1113-1121. 4. 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. 5. 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. 6. Ergun S, Akgun U, Barber A, Karahan M. The Clinical and Biomechanical Performance of All-Suture Anchors: A Systematic Review. Arthroscopy. 2020; 2(3): e263-e275. 7. Smith and Nephew 2023. Q-FIX with MINITAPE Claims Report. Internal Report. 10090792- Revision A 8. ArthroCare Corporation 2017. Report: Design Verification, 1.8mm Q-FIX MINI Soft Suture Anchor P/N 49190-03 Rev. B. 9. ArthroCare 2019. Comparative Testing of Bone Anchor Devices, 1.8mm Q-FIX Mini Soft Suture Anchor P/N 49193-02 Rev.B 10. 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. 11. Bernardoni E, Frank RM, Veera SS, et al. Biomechanical Analysis of All-Suture Anchor Fixation for Rotator Cuff Repair. Orthop J Sports Med. 2018;6(7 suppl4). 12. Saper MG, Meijer K, Winnier S, Popovich J, Andrews JR, Roth C. Biomechanical Evaluation of Classic Solid and All-Soft Suture Anchors for Medial Patellofemoral Ligament Reconstruction. The American journal of sports medicine. 2017;45(7):1622-1626. 13. ArthroCare Corporation 2017. Report: Design Validation, Q-FIX Reusable Curved Drill Guides and Disposable Flex Drill, Irvine CA. P/N 92017-01 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. Smith + Nephew 2016.Feasability, MINITAPE Knot Stack Evaluation and Knot Security. 15005268. Rev A 17. ArthroCare Corporation PRODUCT SPECIFICATION, Q-Fix Soft Anchor System, (Catalog #s 25-1800, 25-2800, 72290123), DHF 48121. P/N 48159 Rev.L.