Confidence secured, confidence assured

Foot + Ankle Repair Solutions with adjustable technology

SmithNephew



Introduction

Smith+Nephew's technology anchor insertion.



Q-FIX^OMINI All-Suture Anchor



TWINFIX ULTRA PK Suture Anchor



FOOTPRINTO ULTRA PK Suture Anchor



RAPTORMITE PK Suture Anchor with Needles





REGENETEN Bioinductive Implant



HEALICOIL^OPK Suture Anchor

to the regulatory and/or medical practices in individual markets. Please contact your Smith+Nephew representative if you have questions about the availability of Smith+Nephew products in your area.

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Ankle Instability Solutions

- Surgical technique: adjustable lateral ankle ligament repair
- Recommended products

Achilles Repair Solutions

- Surgical technique: adjustable insertional Achilles reconstruction
- Recommended products

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- Patient positioning
- Visualization
- Mechanical resection
- COBLATION[◊] Technology
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- Suture passer

Ordering information

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- To view the ordering information, click this icon



Adjustable lateral ankle ligament repair: Broström procedure with ULTRABRACE[†] augmentation

Smith+Nephew offers an innovative solution for repair of the lateral ankle ligaments with an optional secure ligament augmentation. Utilizing a Q-FIX^o MINI Suture Anchor, the anterior talofibular ligament (ATFL) and calcaneofibular ligament (CFL) can be securely repaired.*1-5

The ULTRABRACE augmentation using HEALICOIL® PK with ULTRATAPE® and FOOTPRINT® ULTRA PK Suture Anchors allows the surgeon to tension the construct **after** the anchors have been inserted to achieve desired tension.

*As demonstrated in benchtop testing





Ankle Instability Technique



Step 1

Using the 1.8mm Q-FIX^{\(\delta\)} MINI Drill and Guide, create two holes in the fibula adjacent to the insertion site of the ATFL and CFL.

Caution: Do not advance the Drill Guide in to the bone, may compromise the cortical surface of the bone and reduce implant retention capability.



Step 3

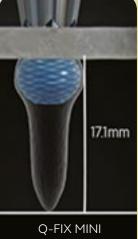
Prepare the ULTRABRACE⁶ augmentation by drilling and tapping a hole adjacent to the insertion site of the ATFL ligament in the talus to prepare for insertion of the HEALICOIL® anchor.



Step 2

Pass the Q-FIX sutures through the AFTL and CFL utilizing free needles and secure the ligament with the knot tying method of your choice.





pilot hole depth

The 1.8mm Q-FIX MINI All-Suture Anchor is a radially expanding anchor that offers compact size, high fixation strength,*1-5 low displacement*1-5 and consistent deployment.6-8

*As demonstrated in benchtop testing





Ankle Instability Technique



Step 4Insert the 4.5mm HEALICOIL® PK with ULTRATAPE® into the tapped hole in the talus.



Step 5Use the 4.0mm Drill to prepare for the insertion of the FOOTPRINT[†] ULTRA PK Anchor.



Step 6

Use the 2" suture passer to pass the strands of ULTRATAPE through the distal eyelet of the FOOTPRINT ULTRA PK Anchor. Next, tap the anchor into the pre-drilled fibular hole. The tension of the ULTRATAPE can be adjusted after insertion of the FOOTPRINT anchor if proper tension was not achieved initially. It is recommended to use a hemostat underneath the tape when inserting the anchor to estimate correct tension.





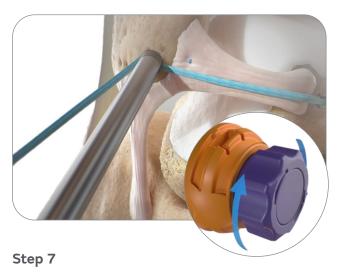
The HEALICOIL Inserter engages 100% of the anchor's length. This is designed to minimize stress and provide predictable insertion into bone by distributing torque along the entire length of the anchor – essential when placing anchors into hard bone.⁹





Ankle Instability Technique

Click here to see another view



Pull on each strand of ULTRATAPE® to customize the tightness of the ULTRABRACE® construct. When satisfactory tension has been achieved, turn the purple knob on the inserter clockwise until audible clicks are heard locking the suture within the anchor body. Then turn counterclockwise 1/4 of a turn to release the inserter and remove it from the joint space. Avoid over tensioning the ULTRATAPE and constraining the ankle.

The procedure can be completed using any of the following:

72205451 ULTRABRACE augmentation includes

- One (1) 72203981 HEALICOIL[®] PK 4.5mm
 Suture Anchor with one ULTRATAPE Suture, blue
- One (1) 72203783 FOOTPRINT[◦] ULTRA PK 4.5mm Suture Anchor
- One (1) 72203785 4.0mm Drill for 4.5mm FOOTPRINT Anchor
- One (1) 72201407 2" Suture Passer

72205449 Q-FIX^o MINI Broström includes:

- Two (2) 72290123 Q-FIX MINI 1.8mm All-Suture Anchors
- One (1) 72290125 Q-FIX MINI 1.8mm Disposable Kit

72205450 RAPTORMITE[®] Broström includes:

- Two (2) 72201806 RAPTORMITE 3.0 PK Anchors
- One (1) 72202039 2.6mm Drill + Guide for RAPTORMITE 3.0

Placing an order using the above codes will order individual units of all SKUs referenced within. Devices are not provided kitted or part of a system and all devices are individually packaged with their own instructions for use.



Watch the animation of this technique



Step 8

Cut the excess ULTRATAPE to complete the final construct, then check to see that full range of motion and good stability are obtained.



In the event that tension of the construct is not ideal, the purple knob can be turned counterclockwise to release the tension on the construct. The ULTRATAPE can then be retensioned and relocked to achieve ideal fixation.



♣ Recommended products for Broström procedure with ULTRABRACE[◊] augmentation

Q-FIX^o MINI All-Suture Anchor

This uniquely designed, radially expanding anchor offers:

- compact size
- high fixation strength*1-5
- low displacement*1-5
- consistent deployment⁶⁻⁸

The 1.8mm Q-FIX MINI Anchor requires minimal bone removal for anchor insertion, which makes it an optimal solution for foot and ankle repairs and reconstructions including:

- medial/lateral instability
- midfoot and forefoot repair
- hallux valgus repair
- metatarsal ligament/tendon repair
- Achilles tendon repair

*As demonstrated in benchtop testing



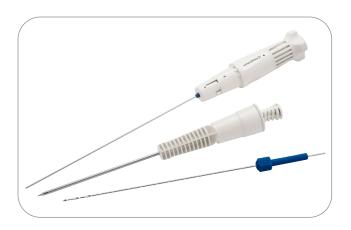
Ordering information

HEALICOIL[♦] PK Suture Anchor

The unique, open-architecture anchor design allows for infiltration of bone marrow from surrounding cancellous bone, which may provide greater healing potential than solid anchors. 10,11

As demonstrated in a pre-clinical ovine study, new bone fills the fenestrations between the threads and into the central channel by 12 weeks postimplantation.¹²

HEALICOIL PK is made from made from PEEK-OPTIMA® Polymer and is available in 4.5mm, pre-loaded with ULTRATAPE® Suture, and 5.5mm, pre-loaded with ULTRATAPE Suture and one ULTRABRAID® Suture.









Radial expanding deployment



FOOTPRINT[®] ULTRA PK Suture Anchor

Inserter is sized for mini-open Achilles tendon procedures.

- Allows adjustment of suture tension, after anchor implantation and until removal of inserter.
- Sliding, self-locking anchor permits the surgeon to secure repair without tying knots on top of the tissue, creating a low-profile repair with no knot stack.
- Non-absorbable anchor incorporates PEEK-OPTIMA® polymer, exhibiting a combination of strength, biocompatibility, reversibility and inherent radiolucent characteristics.
- Available in 4.5mm or 5.5mm sizes as standalone anchors, as well as in a kit with 2 anchors, 3 sutures and a disposable drill.



Suture anchors for ankle instability

The complex structures of the foot and ankle demand specialization. That's why Smith+Nephew offers anchors designed for medial and lateral ankle instability soft-tissue repair with options in more clinically appropriate lengths.

Product	Material	Features	Predrilling required?	Suture
Q-FIX° MINI All-Suture Anchor	All-suture	 Consistent deployment⁶⁻⁸ Radial expansion Highest pullout strength for all suture anchors*13-14 	Yes	#2 MAGNUMWIRE
SUTUREFIX° 1.7mm All-Suture Anchor	All-suture	 Indicated for medial and lateral ankle instability Small, soft 	Yes	One size #2 suture without needles
RAPTORMITE° 3.0 PK Suture Anchor with Needles	PEEK-OPTIMA® polymer	Designed to be easy to deployTwist and release delivery system	Yes	Two size #0 ULTRABRAID° suture with tapered needles
DYNOMITE® PK 2.0 Anchor with Needles	PEEK-OPTIMA® polymer	 Tap-in design makes it ideal for hard-bone matrix Fine depth control aids in cortical bone fixation 	Yes	One size #2-0 ULTRABRAID suture with needles
SPYROMITE® PK 2.0 Suture Anchor with Needles	PEEK-OPTIMA® polymer	 Screw-in design makes it ideal for soft-bone matrix Inserter offers tactile feel 	Yes	One size #2-0 ULTRABRAID suture with tapered needles
MINITAC° Ti 2.0 Suture Anchor with Needles	Titanium	 Ergonomic Short inserter shaft gets your hands closer to the surgical site 	No	Two size #2-0 ULTRABRAID suture or two #3-0 DURABRAID suture with tapered needles
BIORAPTOR° KNOTLESS Suture Anchor	PEEK-OPTIMA® polymer	 Indicated for medial and lateral ankle instability 	Yes	N/A

*As demonstrated in benchtop testing





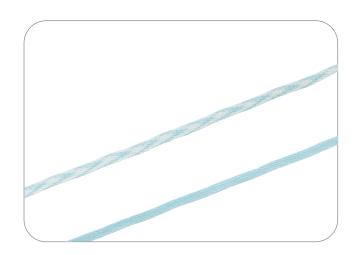
Suture and suture tape

Smith+Nephew offers various sutures with needles and innovative suture tape to help facilitate your soft tissue repair or repair augmentation.

ULTRATAPE Suture Tape

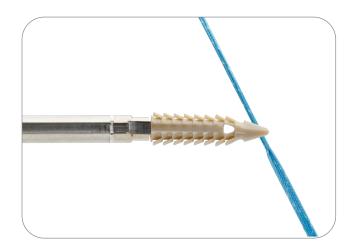
ULTRATAPE is a smooth suture tape, which, when compared to a traditional #2 suture, provides a 75% increase in tendon-to-bone contact while offering a significantly lower, and more evenly distributed, level of pressure (demonstrated in laboratory testing).¹⁵

- Can be used for knotless or knotted repairs
- Available in single packs or pre-loaded on HEALICOIL⁶ Suture Anchors



MINITAPE® Suture Tape

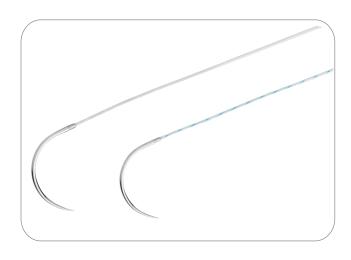
MINITAPE is a smooth suture tape designed to offer a low and evenly distributed level of pressure.



ULTRABRAID® Suture with Needles

The confidence of a strong, secure repair begins with ULTRABRAID Suture. This non-absorbable suture is composed of a special ultra-high molecular weight (UHMW) polyethylene fiber and features a unique braid configuration.

- Available in #2 and #2-0 with needles
- Available in single packs or pre-loaded on various suture anchors



Adjustable insertional Achilles reconstruction

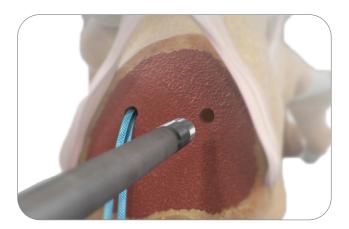
Smith+Nephew offers an innovative technique for insertional Achilles repair. Utilizing HEALICOIL® PK and FOOTPRINT® ULTRA PK Anchors, a double-row repair can be conducted with the preloaded ULTRATAPE® on HEALICOIL anchors. This technique gives surgeons the ability to customize ULTRATAPE tension within the FOOTPRINT Anchor *after* anchor insertion.



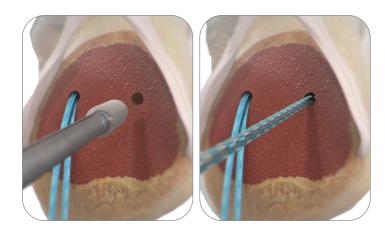




Step 1 Expose and remove the Haglund.



Step 2Drill and then tap two proximal holes into the calcaneus in preparation for HEALICOIL[⋄] insertion. Ensure the tap is fully seated.



Step 3Insert two HEALICOIL 4.5mm PK Anchors into the calcaneus.



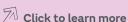
HEALICOIL PK Suture Anchor: Bone-fill at 12 weeks in a pre-clinical ovine study



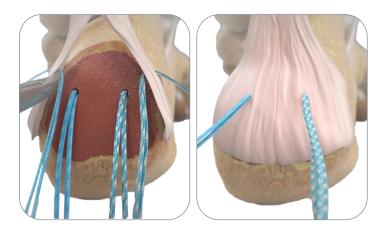




Micro-CT images at 12 weeks of a 5.5mm HEALICOIL PK Suture Anchor show a web of bone beginning to fill the center of the implant. Histology at the same point in time clearly demonstrates bone growing across the implant's open architecture.⁹







Step 4Pass the ULTRATAPE[†] suture through the Achilles tendon utilizing free needles.



Drill two distal holes in the calcaneus using the 4.0mm Drill for 4.5mm FOOTPRINT⁶ Anchor.

Step 6

Pass one strand of ULTRATAPE from each proximal HEALICOIL® Anchor through the distal eyelet of the 4.5mm FOOTPRINT ULTRA PK Anchor. Tap the anchor into the calcaneus with a mallet.



Step 7Adjust the tension in the ULTRATAPE by pulling each strand individually prior to locking the anchor as shown in Step 8.



ULTRATAPE tension can be adjusted after anchor insertion if proper tensioning was not initially achieved.



Achilles Repair Technique

Click here to see another view



After tension is customized for the repair, turn the purple knob clockwise until audible clicks are heard locking the ULTRATAPE^o within the anchor body. Turn the knob 1/4 turn counterclockwise prior to removing inserter.

Watch the animation of this technique



Step 9

Cut remaining suture and stitch the Achilles to finish construct.

The procedure can be completed using:

72205452 HEALICOIL[†] PK Achilles Repair includes:

- One (1) 72203981 HEALICOIL PK 4.5mm Suture Anchor with one ULTRATAPE Suture, blue
- One (1) 72203982 HEALICOIL PK 4.5mm Suture Anchor with one ULTRATAPE Suture, cobraid blue
- Two (2) 72203783 FOOTPRINT[®] ULTRA PK 4.5mm Suture Anchors
- One (1) 72203785 4.0mm Drill for 4.5mm FOOTPRINT Anchor
- One (1) 72201407 2" Suture Passer

Placing an order using the above codes will order individual units of all SKUs referenced within. Devices are not provided kitted or part of a system and all devices are individually packaged with their own instructions for use.

72205453 TWINFIX[†] with Needles Achilles Repair includes:

- Two (2) 72203783 FOOTPRINT ULTRA PK 4.5mm Suture Anchors
- One (1) 72203785 4.0mm Drill for 4.5mm FOOTPRINT Anchor
- Two (2) 72202611 TWINFIX ULTRA PK 4.5mm Suture Anchors with two ULTRABRAID° #2 Sutures with Needles, cobraid-blue + blue
- One (1) 72203785 4.0mm Drill for 4.5mm FOOTPRINT Anchor
- One (1) 72201407 2" Suture Passer

Drill

- 72203482 3.5mm HEALICOIL Spade Tip Drill
- 72202633 HEALICOIL /TWINFIX ULTRA 4.5mm Awl Dilator, Reusable





Recommended products for insertional Achilles reconstruction

HEALICOIL® PK Suture Anchor

The unique, open-architecture anchor design allows for infiltration of bone marrow from surrounding cancellous bone, which may provide greater healing potential than solid anchors.^{10,11}

As demonstrated in a pre-clinical ovine study, new bone fills the fenestrations between the threads and into the central channel by 12 weeks post-implantation.¹²

HEALICOIL PK is made from made from PEEK-OPTIMA® Polymer and is available in 4.5mm, pre-loaded with ULTRATAPE® Suture, and 5.5mm, pre-loaded with ULTRATAPE Suture and one ULTRABRAID® Suture.

*As demonstrated in benchtop testing



FOOTPRINTO ULTRA PK Suture Anchor

Inserter is sized for mini-open Achilles tendon procedures.

- Allows for adjustment of suture tension, after anchor implantation and until removal of inserter.
- Sliding, self-locking anchor permits the surgeon to secure repair without tying knots on top of the tissue, creating a low-profile repair with no knot stack.
- Non-absorbable anchor incorporates PEEK-OPTIMA® polymer, exhibiting a combination of strength, biocompatibility, reversibility and inherent radiolucent characteristics.
- Available in 4.5mm or 5.5mm sizes as standalone anchors, as well as in a kit with 2 anchors, 3 sutures, and a disposable drill.







Alternative suture anchors for Achilles repair

TWINFIX® ULTRA PK Suture Anchor

This anchor is designed to be supported by the internal driver to optimize force transfer during insertion into bone.

Available in 4.5mm, 5.5mm, or 6.5mm sizes with two #2 ULTRABRAID⁵ Sutures with Needles.





Q-FIX^o MINI All-Suture Anchor

This uniquely designed, radially expanding anchor offers:

- compact size
- high fixation strength*1-5
- low displacement*1-5
- consistent deployment⁶⁻⁸

The 1.8mm Q-FIX MINI Anchor requires minimal bone removal for anchor insertion, which makes it an optimal solution for foot and ankle repairs and reconstructions including:

- medial/lateral instability
- midfoot and forefoot repair
- hallux valgus repair
- metatarsal ligament/tendon repair
- Achilles tendon repair

*As demonstrated in benchtop testing







Inserter is 2mm below bone surface



Radial expanding deployment

Biologics

REGENETEN° Bioinductive Implant

Redefining healing potential for Achilles' reconstruction

Smith+Nephew offers innovative biologic solutions that can be used to augment insertional or midsubstance Achilles repair.

Bioinductive Implant

As proven in shoulder studies, REGENETEN's proprietary, highly porous implant design facilitates the formation of new tendon-like tissue^{16,17,21,23} and stimulates the body's natural healing response to support new tendon growth and disrupt disease progression.¹⁶⁻²⁰ REGENETEN creates an environmentthat is conducive to healing.¹⁷⁻¹⁹

NOTE: REGENETEN bone anchors are not indicated for use in Achilles repair. Fixation should be enabled via suture or resorbable anchors. Evidence for claims listed above are from shoulder studies. While no adverse events for use of the REGENETEN implant in the Achilles have been reported in the published literature, more research is required to confirm patient outcomes. Available for Achilles' reconstruction in the US only.

Watch the animation of an Achilles repair using REGENETEN



Patient positioning

Smith+Nephew positioning products bring unimpeded access to arthroscopic foot and ankle procedures.

SPIDER2 Limb Positioner

The SPIDER2 is a multi-procedure limb positioner which allows surgeons full control of limb positioning, range of motion and traction from within the sterile field, without the need to rely on an assistant or circulating nurse. The system maintains a steady position from start to finish.

The SPIDER2 Ankle Arthroscopy accessory is:

- Designed for quick and simple setup
- Designed to control angle of knee flexion
- Provides unobstructed support from underneath the operative foot
- Measurable traction with the traction accessory
- Requires the FERKEL[™] Thigh Holder for counter traction



GUHL Ankle Distractor

The GUHL non-invasive ankle distractor is:

- Designed for easy setup and access to all portals
- Designed to easily adjust and maintain force during distraction for a variety of ankle procedures
- Allows for gross and fine distraction to be applied within the sterile field
- Requires the FERKEL Thigh Holder for counter traction

FERKEL Thigh Holder

Successful ankle distraction requires counter traction – a force opposite to the mechanical pull. The FERKEL Thigh Holder provides the necessary counter traction needed for foot and ankle arthroscopy procedures while also stabilizing the thigh.

- Clamps to the bedrail of surgical table
- Used with disposable pads for easy cleanup







Visualization

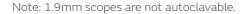
LENS 4K Surgical Imaging System

The LENS 4K Surgical Imaging System is a surgical video platform with the latest 4K technology designed for sports medicine and multispecialty centers for use in arthroscopic and endoscopic procedures to maximize your overall investment.



Arthroscopes

To keep the operative site in focus for a wide range of vision, our small joint arthroscopes have been engineered with a wide-angle lens construction and optimal depth of field, helping to reduce the need for refocusing during surgery. Smith+Nephew offers autoclavable 2.7mm high definition scopes that are compatible with the LENS 4K System. The 1.9mm scopes are also available for small joint use.





Cannulas

We offer a large array of cannula sets for small joint arthroscopy, including 2.2mm cannulas for use with 1.9mm arthroscopes, 2.9mm cannulas for 2.7mm scopes of various length, as well as cannulas of additional sizes.





Mechanical resection

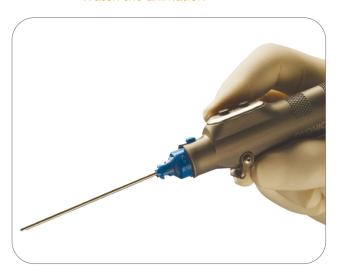
DYONICS^o POWERMINI^o Shaver System

This shaver packs the power and features of a full-size shaver into a compact hand piece that is designed to access the small, tight joints encountered in the extremities.

- Lighter than leading competitive handpieces*24
- Powerful, ergonomically designed solution for foot and ankle procedures
- Operating torque of up to 30oz-in allows for removal of dense bone^{25,26}
- Compatible with blades and burrs available in either 2.0, 2.9 or 3.5mm sizes, depending on the blade or burr design

*Compared to CONMED® ErgoTM and Advantage® and Styker® Formula®, Formula 180TM and TpsTM Small Joint Cutter

Watch the animation



COBLATION[◊] Technology

COBLATION Systems

Safety +Precision

Our WEREWOLF° and QUANTUM° 2 COBLATION Controller Systems are safe for use on all joint soft tissue²⁷⁻³³ COBLATION-treated cartilage showed smoother surfaces at 3-and 6-months posttreatment than untreated lesions *in vivo*.^{34,35}

Wands

FLOW 50° COBLATION Wand

Combined COBLATION and FLOW~IQ^o technology removes tissue with speed* and precision.**^{36,37}

- * In Vac mode the FLOW 50 COBLATION Wand removes free-floating tissue approximately four times faster than AMBIENT™ SUPER MULTIVAC 50, in vitro.
- ** The controlled plasma field produced by COBLATION allows for precise removal of soft tissue with minimal damage (100 - 200µm) evident in untargeted cartilage tissue ex vivo; Cell damage may vary depending on protocol used.

Short Bevel 35 COBLATION Wand

The 2.3mm Short Bevel 35° wand is intended for arthroscopic application in the ankle. Its small diameter and short shaft are designed for bulk debridement and scar tissue ablation.

TOPAZ[†] MicroDebrider COBLATION Wand

This wand is indicated for minimally invasive treatment of tendons and fascia in the foot and ankle.

The 0.8mm tip of the TOPAZ Wand is versatile and small enough to support access to target areas for microdebridement of soft tissue.

Designed to work with the QUANTUM and WEREWOLF systems, the bipolar radiofrequency system contains a TOPAZ-integrated timer that automatically defaults to the recommended set point to deliver precise treatment dosage.











Handhelds

Foot and Ankle tray

The complex structures of the foot and ankle demand specialization, which is why Smith+Nephew offers instrumentation designed specifically for these structures and the procedures you routinely perform. The tray offers convenient storage for manual and handheld instruments, as well as cannulas and obturators, delivering an all-inclusive solution for ankle arthroscopy.

- The tray includes 14 instruments of your choice, or instruments can be ordered a la carte.
- The MICRO VECTOR® Drill Guide provides the stability required for precise guide wire insertion and placement, which is necessary for the repair of osteochondral lesions of the talus, arthroscopic fracture fixation with cannulated screws, and arthroscopic arthrodesis. Includes microfracture picks, curettes, osteotomes, elevators and probes.
- Handles are color-coded according to instrument type for quick identification.
- Curved instruments allow easy access to spaces surrounding the talar dome.



Suture passer

FIRSTPASS[†] MINI Family of Suture Passers

These suture passers, which come in three versions, left-curved, straight and right-curved, are designed to help facilitate repair procedures executed in tight spaces.

Reliability

Fully disposable system with a preloaded needle.³⁸

Versatility

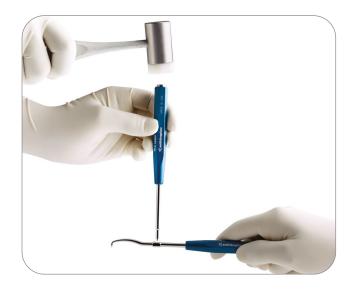
Passes ULTRABRAID^{Suture} or ULTRATAPE Suture.

Accessibility

Straight and 17° left- and right-curved jaw options.









Recommended technique repair products

Lateral Ankle Instability Repair		
Reference	Description	
72205451	ULTRABRACE ^o Augmentation	
	One (1) 72203981 HEALICOIL ^o PK 4.5mm Suture Anchor with one ULTRATAPE ^o Suture, blue	
	One (1) 72203783 FOOTPRINT ^o ULTRA PK 4.5mm Suture Anchor	
	One (1) 72203785 4.0mm Drill for 4.5mm FOOTPRINT Anchor	
	One (1) 72201407 2" Suture Passer	
72205449	Q-FIX [¢] Broström	
	Two (2) 72290123 Q-FIX MINI 1.8mm All-Suture Anchors	
	One (1) 72290125 Q-FIX MINI 1.8mm Disposable Kit	
72205450	RAPTORMITE [®] Broström	
	Two (2) 72201806 RAPTORMITE 3.0 PK Anchors	
	One (1) 72202039 2.6mm Drill + Guide for RAPTORMITE 3.0	
Achilles Repair		
Deference	Description	

Achilles Repair		
Reference	Description	
72205452	HEALICOIL PK Achilles Repair	
	One (1) 72203981 HEALICOIL PK 4.5mm Suture Anchor with one ULTRATAPE Suture, blue	
	One (1) 72203982 HEALICOIL PK 4.5mm Suture Anchor with one ULTRATAPE Suture, cobraid-blue	
	Two (2) 72203783 FOOTPRINT ULTRA PK 4.5mm Suture Anchor	
	One (1) 72203785 4.0mm Drill for 4.5mm FOOTPRINT Anchor	
	One (1) 72201407 2" Suture Passer	

Achilles Repa	ir
Reference	Description
72205453	TWINFIX [◊] with Needles Achilles Repair
	Two (2) 72203783 FOOTPRINT ULTRA PK 4.5mm Suture Anchors
	One (1) 72203785 4.0mm Drill for 4.5mm FOOTPRINT Anchor
	Two (2) 72202611 TWINFIX ULTRA PK 4.5mm Suture Anchors with two #2 ULTRABRAID ^o Sutures with Needles, cobraid-blue + blue
	One (1) 72203785 4.0mm Drill for 4.5mm FOOTPRINT Anchor
	One (1) 72201407 2" Suture Passer
72203482	3.5mm HEALICOIL Spade Tip Drill
72202633	HEALICOIL/TWINFIX ULTRA 4.5mm Awl Dilator, Reusable NOTE: Should be ordered separately, as it is reusable

Placing an order using the above codes will order individual units of all SKUs referenced within. Devices are not provided kitted or part of a system and all devices are individually packaged with their own instructions for use.



RAPTORMITE



Suture anchors

DYNOMITE PH	K Suture Anchor
Reference	Description
72201881	DYNOMITE PK 2.0mm Suture Anchor with one #2-0 ULTRABRAID ^o Suture and Needles
72202082	1.6mm Drill + Guide for 2.0mm DYNOMITE Anchor
FOOTPRINT [®] U	JLTRA PK Suture Anchor
72203796	FOOTPRINT ULTRA PK 4.5mm Achilles Repair Kit Includes items below
	Two (2) 72203783 FOOTPRINT ULTRA PK 4.5mm Suture Anchors
	Three ULTRABRAID #2 Sutures with Needles
	One (1) 72203785 4.0mm Drill for 4.5mm FOOTPRINT Anchor
72203798	FOOTPRINT ULTRA PK 5.5mm Achilles Repair Kit Includes items below
	Two (2) 72203776 FOOTPRINT ULTRA PK 5.5mm Suture Anchors
	Three ULTRABRAID #2 Sutures with Needles
	One (1) 72203785 6.5mm Drill for 5.5mm FOOTPRINT Anchor
72203783	FOOTPRINT ULTRA PK 4.5mm Suture Anchor
72203785	4.0mm Drill for 4.5mm FOOTPRINT Anchor
72203776	FOOTPRINT ULTRA PK 5.5mm Suture Anchor
72203786	4.5mm Drill for 5.5mm FOOTPRINT Anchor
HEALICOIL® PH	C Suture Anchor
72203981	HEALICOIL PK 4.5mm Suture Anchor with one ULTRATAPE° Suture, blue
72203982	HEALICOIL PK 4.5mm Suture Anchor with one ULTRATAPE Suture, cobraid-blue
72202621	Tapered Awl, 3.8mm, Disposable
72201915	Tapered Awl, 3.8mm, Reusable
72202633	HEALICOIL/TWINFIX [®] ULTRA Threaded Dilator, 4.5mm, Reusable
72203482	3.5mm HEALICOIL Spade Tip Drill for use with the 4.5/4.75mm HEALICOIL Suture Anchor



DYNOMITE PK



FOOTPRINT ULTRA PK

MINITAC° Ti	Suture Anchor
Reference	Description
72202019	MINITAC Ti 2.0mm Suture Anchor with two #2-0 ULTRABRAID [®] Sutures and Needles
7210303	MINITAC Ti 2.0mm Suture Anchor with two #3-0 DURABRAID Sutures and Needles (Anchor package also includes: Disposable Drill Guide and Disposable Drill)
72200795	MINITAC 2.0 DURABRAID
72202040	1.8mm Drill + Guide for MINITAC Ti 2.0 Anchor
Q-FIX° All-S	uture Anchor
72290123	Q-FIX MINI 1.8mm All-Suture Anchor
72290125	Q-FIX MINI 1.8mm Disposable Kit
25-1800	Q-FIX 1.8mm All-Suture Anchor
25-1810	Q-FIX 1.8mm Disposable Kit
25-2800	Q-FIX 2.8mm All-Suture Anchor
25-2810	Q-FIX 2.8mm Disposable Kit
RAPTORMIT	E° PK Suture Anchor
72201806	RAPTORMITE PK 3.0mm Suture Anchor with two #0 ULTRABRAID Sutures and Needles
72202039	2.6mm Drill + Guide for RAPTORMITE 3.0 Anchor
72201805	RAPTORMITE PLLA 3.7mm Suture Anchor with two #0 ULTRABRAID Sutures and Needles
72202038	3.2mm Drill + Guide for RAPTORMITE 3.7 PLLA Anchors
SPYROMITE [®] PK Suture Anchor	
72201882	SPYROMITE PK 2.0mm Suture Anchor with one #2-0 ULTRABRAID Suture and Needle
72202040	1.8mm Drill + Guide for SPYROMITE/MINI 2.0 Anchors



MINITAC



Q-FIX MINI

SUTUREFIX ^o All-Suture Anchor			
72203852	SUTUREFIX ULTRA 1.7mm Anchor S with one #2 ULTRABRAID° Suture, blue		
72203853	SUTUREFIX ULTRA 1.7mm Anchor S with one #2 ULTRABRAID Suture, cobraid-blue		
72203854	SUTUREFIX ULTRA 1.9mm Anchor S with two #1 ULTRABRAID Sutures, cobraid-blue + blue		
72203855	Twist Drill, 1.7mm, S		
72203856	Twist Drill, 1.9mm, S		
72203857	Drill Guide Crown Tip, Reusable, S		
72203858	Drill Guide Spike Tip, Reusable, S		
72203859	Drill Guide Fishmouth Tip, Reusable, S		
72203861	Obturator, Blunt Tip, Reusable, S		
72203862	Obturator, Cannulated, Reusable, S		
72203863	Obturator, Trocar Tip, Reusable, S		
TWINFIX° U	LTRA PK Suture Anchor		
72202611	TWINFIX ULTRA PK 4.5mm Suture Anchor with two #2 ULTRABRAID° Sutures and Needles, cobraid-blue + blue		
72202633	HEALICOIL°/TWINFIX ULTRA Threaded Dilator, 4.5mm, Reusable		
TWINFIX Ti	TWINFIX Ti Suture Anchor		
72202067	TWINFIX Ti 2.8mm Suture Anchor with two #2-0 ULTRABRAID Sutures and Needles		
72200796	TWINFIX Ti 2.8mm Suture Anchor with two #2-0 DURABRAID° Sutures		
7210301	TWINFIX Ti 2.8mm Suture Anchor with two #2-0 DURABRAID Sutures and Needles		



SUTUREFIX



TWINFIX ULTRA PK



TWINFIX TI

Alternative knotless anchor

BIORAPTOR® KNOTLESS Suture Anchor		
Reference	Description	
72202403	BIORAPTOR Knotless Suture Anchor	
	Instruments	
72202399	BIORAPTOR Knotless Inline Drill Guide, Spike Tip	
72202400	BIORAPTOR Knotless Inline Drill Guide, Crown Tip	
72202793	BIORAPTOR Knotless Inline Obturator, Cannulated	
72202792	BIORAPTOR Knotless Inline Obturator, Blunt	
72201395	BIORAPTOR Knotless 2.9mm Drill Bit	



Suture passers

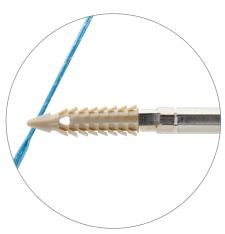
FIRSTPASS ^o MINI Family of Suture Passers		
Reference	Description	
72290128	FIRSTPASS MINI Suture Passer	
72290129	FIRSTPASS MINI Left-Curved Suture Passer	
72290130	FIRSTPASS MINI Right-Curved Suture Passer	
ACCU-PASS° DIRECT		
23-2005	ACCU-PASS DIRECT Crescent XL Suture Passer	
7210423	ACCU-PASS 45°, Left	
7210424	ACCU-PASS 45°, Right	
7210425	ACCU-PASS 45°, Upbend, Sterile	
7210426	ACCU-PASS Straight, Sterile	
7210427	ACCU-PASS Crescent	
72200418	ACCU-PASS 70°, Upbend, Sterile	
72200419	ACCU-PASS Big Curve	



FIRSTPASS MINI

Suture + suture tape

MINITAPE° Suture		
Reference	Description	
72205129	MINITAPE Suture, cobraid white, 39.5", 6 per box	
72205128	MINITAPE Suture, cobraid blue, 39.5", 6 per box	
72205127	MINITAPE Suture, blue, 39.5", 6 per box	
ULTRABRAID	0° Suture	
7210914	ULTRABRAID Suture on Needle, #2, white, 38", 10 per box	
7210915	ULTRABRAID Suture on Needle, #2, cobraid, 38", 10 per box	
7211080	ULTRABRAID Suture on Needle, #2, white, 38"	
7211081	ULTRABRAID Suture on Needle, #2, cobraid, 38"	
72200886	ULTRABRAID Suture, #2, white, 38", 10 per box	
72200887	ULTRABRAID Suture, #2, cobraid, 38", 10 per box	
72202965	ULTRABRAID Suture, #2, blue, 38", 10 per box	
72204328	ULTRABRAID Suture on Needle, 2-0, cobraid, 24", 10 per box	
72204329	ULTRABRAID Suture, 2-0, white, 24", 10 per box	
ULTRATAPE ^o Suture		
72203896	ULTRABRAID Suture, #2, blue, 38", 10 per box	
72203897	ULTRATAPE Suture, cobraid blue, 38", 6 per box	



MINITAPE + FOOTPRINT ULTRA



Biologics

REGENETEN° Bioinductive Implant		
Reference	Description	
4403	Bone Anchors (3) with Advanced Delivery System* *Bone anchors are not indicated for use on the Achilles tendon	
4565	Medium Bioinductive Implant with Arthroscopic Delivery	
4566	Large Bioinductive Implant with Arthroscopic Delivery	
2999-2	Medium Mini-Open Bioinductive Implant	
2999-3	Large Mini-Open Bioinductive Implant	
2504-1	Tendon Anchors (8)	



Patient positioning

SPIDER2 Limb	Positioner and Ankle Accessories
Reference	Description
72203299	SPIDER2 Limb Positioner (includes a battery, charger and foot pedal)
7210570	Piggy Back Connector, 2 per box (required for all sterile procedures)
72203301	SPIDER2 Battery pack
72203840	SPIDER2 Battery Charger
7210577	Traction Accessory
72202932	Ankle Arthroscopy Accessory (2 units)
72200918	SPIDER Cart
	Disposables
72203300	Switch Drape (case of 20)
72202931	Ankle Stabilization Kit (case of 6)
GUHL Ankle D	istractor
7207079	GUHL Ankle Distractor System Items below included or can be ordered individually
7207023	GUHL Non-Invasive Ankle Distractor
014459	Support Bar
013227	Table Clamp
7207032	GUHL Non-Invasive Ankle Distractor Sterilization Tray
	Disposables
014407	Ankle Distractor Foot Straps, Sterile, Latex Free (6 per box)
FERKEL™ Thig	h Holder
72201812	FERKEL Thigh Holder (includes 1 disposable pad)
013227	Table Clamp
	Disposables
72201813	Foam Pad (1 per box)
72201814	Foam Pad (5 per box)



SPIDER2



GUHL ankle distractor

Visualization

Wi-Fi Camera Control Units		
Reference	Description	
72205211	LENS 4K CCU, US (Wi-Fi Version)	
72205212	LENS 4K CCU, German (Wi-Fi Version)	
72205213	LENS 4K CCU, Spanish (Wi-Fi Version)	
72205214	LENS 4K CCU, French (Wi-Fi Version)	
72205215	LENS 4K CCU, Swedish (Wi-Fi Version)	
72205216	LENS 4K CCU, Portuguese (Wi-Fi Version)	
72205217	LENS 4K CCU, Danish (Wi-Fi Version)	
72205218	LENS 4K CCU, Norwegian (Wi-Fi Version)	
72205219	LENS 4K CCU, Dutch (Wi-Fi Version)	
72205220	LENS 4K CCU, Korean (Wi-Fi Version)	
72205221	LENS 4K CCU, Italian (Wi-Fi Version)	
72205222	LENS 4K CCU, International (Wi-Fi Version)	
72205224	LENS 4K CCU, UK (Wi-Fi Version)	
Non-Wi-Fi Camera Control Units		
72205239	LENS 4K CCU, US (Non-Wi-Fi)	
72205240	LENS 4K CCU, German (Non-Wi-Fi)	
72205241	LENS 4K CCU, Spanish (Non-Wi-Fi)	
72205242	LENS 4K CCU, French (Non-Wi-Fi)	

Non-Wi-Fi Camera Control Units		
Reference	Description	
72205243	LENS 4K CCU, Italian (Non-Wi-Fi)	
72205244	LENS 4K CCU, Swedish (Non-Wi-Fi)	
72205245	LENS 4K CCU, Portuguese (Non-Wi-Fi)	
72205246	LENS 4K CCU, Danish (Non-Wi-Fi)	
72205247	LENS 4K CCU, Norwegian, (Non-Wi-Fi)	
72205248	LENS 4K CCU, Dutch, (Non-Wi-Fi)	
72205249	LENS 4K CCU, Korean (Non-Wi-Fi)	
72205250	LENS 4K CCU, International (Non-Wi-Fi)	
72205252	LENS 4K CCU, UK, (Non-Wi-Fi)	
LENS 4K Ca	mera	
72205343	LENS 4K Camera Head, US	
72205344	LENS 4K Camera Head, International	
Couplers		
72204725	17.2mm coupler (ETO, Sterrad), Autoclavable	
72200315	19.5mm coupler (ETO, Sterrad), Autoclavable	
72200422	26.5mm coupler (ETO, Sterrad), Autoclavable	
72201699	16mm coupler (ETO, Sterrad)	

Part no.	Outer diameter	Direction of view	Field of view	Working length	Light post direction	Recommended light cable	Resolution
72205143	2.7mm	30°	90°	120mm	Opposite	4.0mm	HD
72205144	2.7mm	30°	90°	67mm	Opposite	4.0mm	HD
72205145	2.7mm	70°	90°	70mm	Opposite	4.0mm	HD
Direct view A	Direct view Arthroscopes - Autoclavable						
4184*	1.9mm	30°	60°	67mm	Opposite	2.0mm	HD
4144*	4.0mm	30°	90°	106mm	Same Side	4.0mm	HD
7205681	2.7mm	30°	80°	119mm	Opposite	4.0mm	HD
7205682	2.7mm	30°	90°	67mm	Opposite	4.0mm	HD
72200733	2.7mm	70°	80°	119mm	Opposite	4.0mm	HD
3948*	2.7mm	70°	90°	70mm	Opposite	4.0mm	HD

*Not Autoclavable



Access + fluid management

Cannulas for use with 1.9mm Arthroscopes			
Reference	Description		
72201849	2.2mm Rotatable Cannula, double-valve, short length		
72201197	Obturator, Conical Tip for 2.2mm Rotatable Cannulas, short length		
Cannulas for	use with 2.7mm Arthroscopes, Short Length		
72201751	2.9mm Rotatable Cannula, double-valve		
72201752	2.9mm Obturator for 2.9mm Rotatable Cannula		
7207789	3.8mm Rotatable Cannula, single-valve, short length		
7205984	3.8mm Rotatable Cannula with InteliJET inflow and valve		
7210715	3.8mm Rotatable Cannula, double-valve, short length		
Cannulas for	use with 2.7mm Arthroscopes, Long Length		
72203624	2.9mm Rotatable Cannula, double-valve, standard length		
72203625	Obturator, Conical Tip for 4.6mm Rotatable Cannulas, standard length		
72201792	3.8mm Rotatable Cannula, double-valve, standard length		
7205993	Obturator, Conical Tip for 3.8mm Rotatable Cannulas, standard length		
7205999	4.6mm Rotatable Cannula, double-valve, standard length		
4439	Obturator, Conical Tip for 4.6mm Rotatable Cannulas, standard length		

Other Cannulas		
3800	2.9mm Operative Cannula Set for 2.7mm SHORT SCOPE with light post on OPPOSITE SIDE of direction of view Items below included or can be ordered individually	
3781	2.9mm Short Cannula with Flow Port (2 per set)	
3807	2.9mm Short Obturator, Conical Tip	
3786	2.9mm Short Obturator, Blunt Tip	
3312	TMJ/Wrist Probe	
3713	2.9mm Operative Cannula Set for 2.7mm LONG SCOPE with light post on OPPOSITE SIDE of direction of view Items below included or can be ordered individually	
3672	2.9mm Short Cannula with Finger Post (2 per set)	
3785	2.9mm Short Trocar, Sharp Tip	
3807	2.9mm Short Obturator, Conical Tip	
3671	Irrigation Extender, single-valve, Fixed	
3696	Infusion Adaptor	
4317	3.6mm Operative Cannula Set for 2.7mm SHORT SCOPE with light post on OPPOSITE SIDE of direction of view Items below included or can be ordered individually	
4308	2.9mm Short Cannula with Finger Post (2 per set)	
4309	2.9mm Short Trocar, Sharp Tip	
4310	2.9mm Short Obturator, Conical Tip	
3714	2.9mm Diagnostic Cannula Set for 2.7mm LONG SCOPE with light post on OPPOSITE SIDE of direction of view Items below included or can be ordered individually	
4419	2.9mm Cannula with Flow Port	
3691	2.9mm Trocar, Sharp Tip	
3692	2.9mm Obturator, Conical Tip	

Mechanical resection

DYONICS° POWERMINI° Shaver System		
Reference	Description	
72201500	DYONICS POWERMINI Hand piece with blade multi- positioning, hand controls, suction lever, 10ft (3m) cord for use with DYONICS POWER II Control System	
72201503	DYONICS POWERMINI Hand piece with blade multi- positioning, no hand controls, suction lever, 10ft. (3m) cord for use with DYONICS POWER II Control System	
72201504	2.0mm TURBOWHISKER	
72201505	2.9mm TURBOWHISKER	
72201506	2.9mm Cutter	
72201507	2.0mm Full Radius	
72201509	2.9mm Full Radius	
72201510	3.5mm Full Radius	
72201512	3.5mm RAZORCUT	
72201513	2.9mm INCISOR [⋄] Plus ELITE	
72201514	3.5mm INCISOR Plus ELITE	
72201518	2.9mm ABRADER	
72201519	3.5mm ABRADER	
72201520	2.9mm Barrel Burr	
6900927	3.5mm BONECUTTER	



COBLATION[◊] Technology

COBLATION	
Reference	Description
72290146	WEREWOLF [◊] + Controller
72290007	WEREWOLF Wired Foot Pedal*
72290008	WEREWOLF Wireless Foot Pedal*
28168	QUANTUM [◊] 2 COBLATION System
10863	QUANTUM 2 Wired Foot Pedal [△]
72290037	FLOW 50° COBLATION Wand*
AC2823-01	2.3mm SHORT BEVEL 35° ICW COBLATION Wand△
ACH4041-01	TOPAZ° EZ IFS COBLATION Wand*△
Kov	

^{*} Works with WEREWOLF COBLATION System

DYONICS POWERMINI shavers



WEREWOLF generator

 $^{^{\}vartriangle}$ Works with QUANTUM 2 COBLATION System

Handhelds

Foot + Ankle	Tray
Reference	Description
72203782	Foot + Ankle Tray - Select 14 of your favorite manual instruments (microfracture picks, curettes, osteotomes, elevators and probes) and 10 handheld instruments (punches and graspers)
	Microfracture Curved Picks
72203661	90° Curved Pick
72203662	65° Curved Pick
72203663	45° Curved Pick
72203781	Pick Assist
	Microfracture Straight Picks
72203678	90° Straight Pick
72203679	65° Straight Pick
72203680	45° Straight Pick
	Curettes
72203682	30° Open Curette, 2.5mm
72203683	15° Open Curette, 2.5mm
72203686	15° Closed Curette, 3mm
72203681	15° Open Curette, 4mm
72203780	15° Open Curette, 6mm
	Curettes (Anterior Lesion)
72203666	90° Curved Curette
72203684	90° Curette
	Osteotomes
72203687	15° Osteotome, 3mm
72203688	Straight Osteotome, 4mm
72203689	20° Osteotome, 4mm
	Elevators
72203665	Teardrop Curved Elevator
72203703	Curved Elevator
	Probes
72203691	Curved Probe, 3mm
72203692	Probe, 3mm
72203670	Probe, 2mm
3312	Probe

Handheld Instruments		
Reference	Description	
014843	RAPTOR [⋄] Jr. Punch	
014844	Blunt Nose Jr. Punch	
014845	PITBULL Jr. Grasper	
013219	Small Joint Grasper	
3499	DYOVAC Straight Suction Punch, 2.5mm	
7207598	MicroGraspers, straight	
7207599	MicroGraspers, Up 10°	
7207600	MicroPunch, straight	
7207601	Teardrop punch, right	
7207602	Teardrop punch, left	
MICRO VEC	TOR ^o Drill Guide System	
4314	MICRO VECTOR Drill Guide System System includes items below but can order individually	
4291	MICRO VECTOR Drill Guide	
4295	K-Wire Guide, 1.1mm, 0.045"	
4296	K-Wire Guide, 1.6mm, 0.062"	

K-Wire Guide, 3.2mm, 0.125"

Off-set Drill Guide

7204612 4297



Foot + Ankle Tray

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

Learn more at smith-nephew.com/footankle

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Material and Structural Testing Core, Mayo Clinic 2019. Proof-of-concept Finite Element Modelling of Effect of Tissue Induction on Rotator Cuff Tears. Internal Report. EO/SPM/REGENETEN/001/V1. 23. Van Kampen C, Arnoczky S, Parks P, et al. Tissue-engineered augmentation of a rotator cuff tendon using a reconstituted collagen scaffold: a histological evaluation in sheep. Muscles Ligaments Tendons J. 2013;3(3):229-235. 24. S+N 2020. Comparison of Motor Drive Unit Weights 15010073 Rev A. 25. S+N 2019. DYONICS II EIP System Software Design Verification 15000700 Rev A. 1 3/3. 26. S+N 2011. Small Joint Shaver Blades Verification/Validation 15000496 Rev H. 27. Barker SL, Johnstone AJ, Kumar K. In vivo temperature measurement in the subacromial bursa during arthroscopic subacromial decompression. J Shoulder Elbow Surg. 2012;21(6):804-807. 28. Gharaibeh M, Szomor A, Chen DB, Macdessi SJ. 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