

1 Pirštimo balis

Menisto sūviu sistema

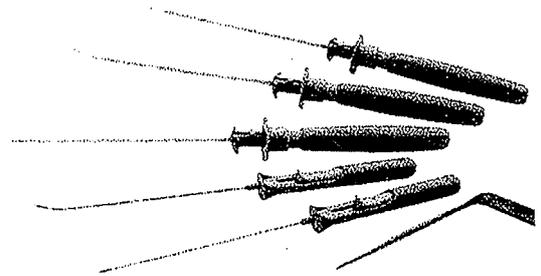
Meniscal Repair Systems

FAST-FIX® (all-inside)

FAST-FIX 360

The FAST-FIX 360 meniscal repair system offers exceptional fixation strength, easier implant deployment, smaller insertion points that minimize disruption to the meniscus, a built in depth penetration limiter and a stiffer needle shaft for enhanced control. All this to help optimize the meniscus repair.

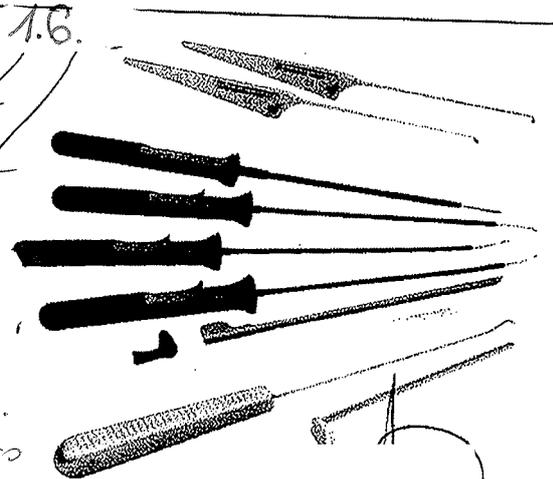
Reference #	Description
72202467	FAST-FIX 360 straight
72202468	FAST-FIX 360 curved
72202469	FAST-FIX 360 reverse curved
72202674	FAST-FIX 360 Straight Knot Pusher/Cutter and Slotted Cannula sets
72202675	FAST-FIX 360 Curved Knot Pusher/Cutter and Slotted Cannula sets



ULTRA FAST-FIX

Reference #	Description
72201490	ULTRA FAST-FIX, straight
72201493	ULTRA FAST-FIX, AB, straight
72201491	ULTRA FAST-FIX, curved
72201494	ULTRA FAST-FIX AB, curved
72201492	ULTRA FAST-FIX, reverse curved
72201495	ULTRA FAST-FIX AB, reverse curved
72201537	Knot Pusher/Suture Cutter, straight

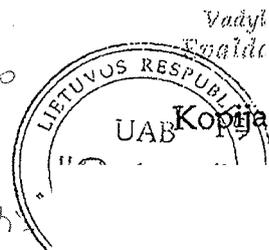
✓ tiesi ← 1.6.
 ✓ lenktas
 ✓ reversinis



Probe, Rasp and Accessories

015186	Meniscal Depth Probe
014549	45° Diamond Rasp
014550	90° Diamond Rasp
011703	Sterilization Tray, 9.25" W x 3" L x 1.5" H
7210977	Slotted Cannula
7209950	Suture Threaders, sterile (10 per box)
7210450	Suture Funnel, sterile (10 per box)

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Kopija tikra

5-18

Menisko siuvimo sistemos

FAST-FIX

FAST-FIX menisko siuvimo sistemos išskirtinumas:

- fiksacija yra ypatingai stipri ir paprasta
- mažesni įvedimo taškai, kurie sumažina menisko pažeidimus
- įsiskverbimo gilumo ribotuvas
- tvirtesnė veleno adata

Visi šie bruožai padidina menisko siuvimo procedūros sėkmingumą.

Ref	Parametrai
72202467	FAST-FIX 360 tiesus
72202468	FAST-FIX 360 lenktas
72202469	FAST-FIX 360 atvirkščiai lenktas
72202474	FAST-FIX 360 tiesus mazgo nustūmėjas/nukirpėjas ir pailgų kaniulių rinkinys
72202475	FAST-FIX 360 lenktas mazgo nustūmėjas/nukirpėjas ir pailgų kaniulių rinkinys

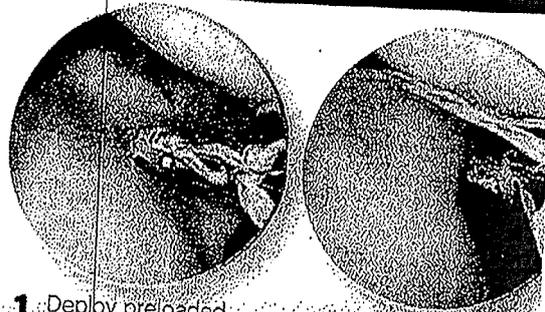
Ref	Parametrai
72201490	ULTRA FAST-FIX, tiesus ✓ 1.6.
72201493	ULTRA FAST-FIX, AB, tiesus ✓
72201491	ULTRA FAST-FIX, lenktas ✓ 1.6.
72201492	ULTRA FAST-FIX, atvirkščiai lenktas ✓ 1.6.
72201494	ULTRA FAST-FIX AB, lenktas ✓ 1.6.
72201495	ULTRA FAST-FIX AB, atvirkščiai lenktas ✓ 1.6.
72201537	mazgo nustūmėjas/nukirpėjas, tiesus ✓ 1.6.

Priedai	
015186	Menisko gylio matuoklis
014549	45° deimantinė dildė
014550	90° deimantinė dildė
011703	Sterilizavimo dėklas, 9.25" x 3" x 1.5"
Nevienkartiniai:	
7210977	Kaniulė
7209950	Siūlo pravedėjai, sterilūs, dėžutė 10 vnt.
7210450	siūlo nukreipėjai, sterilūs, dėžutė 10 vnt.
7210104	daugkartinis lenktas mazgo nustūmėjas
7210076	daugkartinis tiesus mazgo nustūmėjas



14.
if anthesis pericostis
slydentis megeris

The **ULTRA FAST-FIX[®] Meniscal Repair System** is a unique all-inside implant system, offering the fixation strength of an open-vertical mattress stitch without the invasive surgical procedure normally required for suture-based repairs.



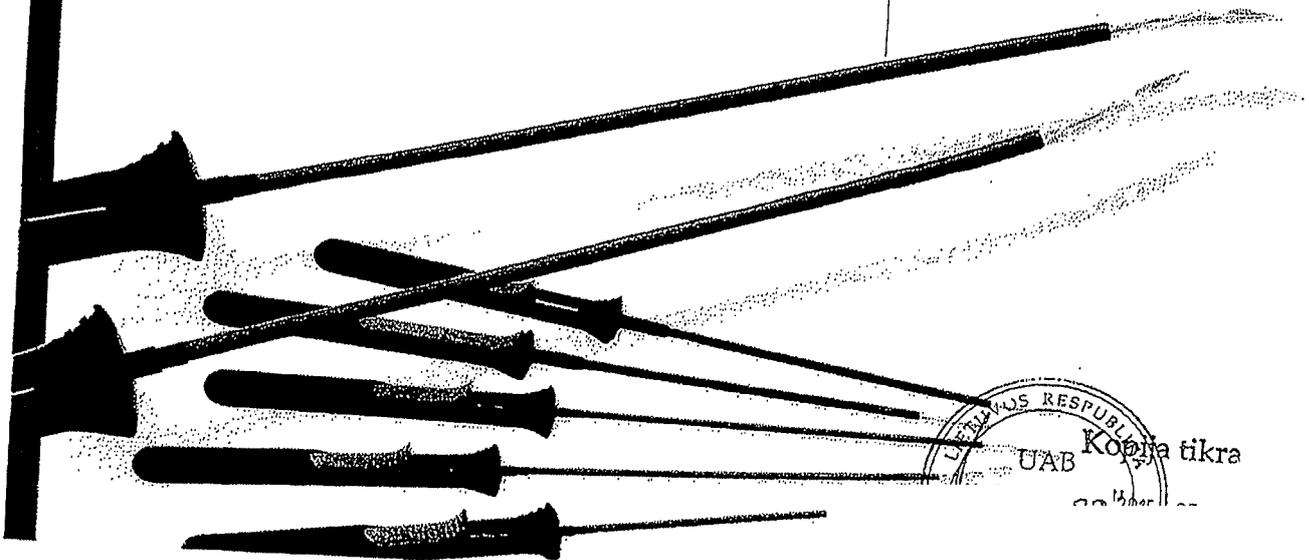
1 Deploy preloaded implant 1.

2 Deploy preloaded implant 2.

THE TECHNIQUE

When the original FAST-FIX[®] Meniscal Repair System was introduced in 2001, it set the benchmark for minimally-invasive, all-inside repairs. Thanks to its preloaded implants, pre-tied sliding knot, and innovative pusher/cutter device, this innovative system lets you deploy two implants vertically or horizontally on either side of the meniscus, tighten the suture and trim the excess.

Building on its proven clinical success, the all-new ULTRA FAST-FIX system adds easier knot sliding and stronger suture. The result is a faster, more secure meniscal repair system that will help maximize the chances of a successful meniscus tear recovery.

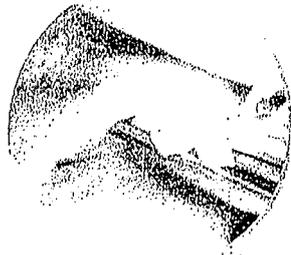


14

Kopija tikra



3 Slide the pre-tied knot, tighten the suture, and trim the excess.



4 Use the reverse-curved needle to repair tears on the inferior surface (fibial side).



5 Completed repair with vertical and horizontal mattress stitches.

A.4.

pis antisto perivostov sistemis maza

recessine verujs

A.6.

Chemine sudetis PLLA

Fast and easy

Unlike conventional suture-based repair systems, the ULTRA FAST-FIX system is an implant system with a pre-tied, self-sliding knot that eliminates the need for intra-articular knot tying.

Easy knot sliding with ULTRABRAID[®] suture

Offers advantages over traditional polyester suture, including higher knot-breaking strength, increased lubricity and a stronger resistance to fraying.

PLLA absorbable implants

Bioabsorbable version of ULTRA FAST-FIX.

A.4.

Strong and clinically proven

Provides a strong, reproducible and reliable meniscal repair with biomechanical properties equal to that of the open, vertical mattress stitch suture technique.

PEEK-OPTIMA[®] high strength non-absorbable, polymer implants

PEEK-OPTIMA polymer lends confidence that the implant will resist breakage when used with high-strength ULTRABRAID suture

Curved and reverse-curved needles

Curved needles promote safer and easier access to a multitude of tear sites. The reverse-curved needle is designed for repairing tears on the inferior surface. Because the needle's point is on the opposite side of the curve, it can safely enter the inferior area without skiving the meniscus or the tibial plateau.

A.6.

lenkto ir recessine adatos

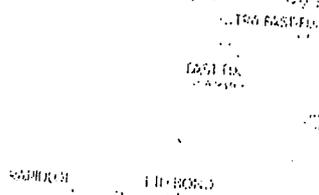
Contains no hard device heads

Minimizes trauma to articular cartilage

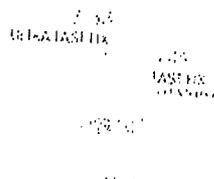
A.2.

Chemine sudetis "Pee-Optima"

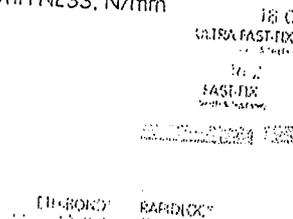
ULTIMATE STRENGTH, N



ELONGATION



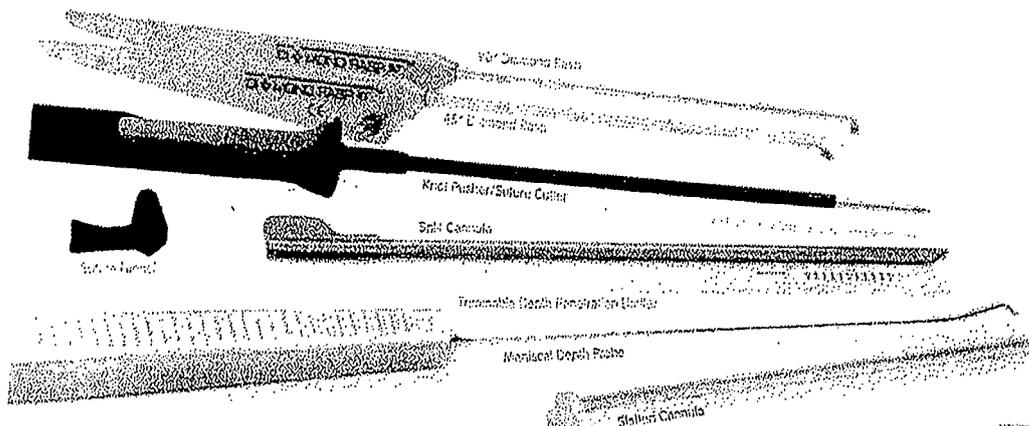
STIFFNESS, N/mm



After 1000 cycles between 50% and 20% All values are means \pm standard error Bovine meniscus model

An evaluation of the mechanical properties of the ULTRA FAST-FIX (Ultra) of Supra System showed a significant increase in ultimate strength and stiffness, and a decrease in elongation compared to ULTRABRAID[®], RAPIDLOC[®] and its conventional, clinically successful FAST-FIX device. This is the first mechanical evaluation of improved

1 Zontop T, Eppner A, Mouton Y, Reinmann A, Pelletier W. Cyclic loading of flexible all-ortho meniscus suture anchors. AM J Sports Med. 2005; 33:1-7
2 Data on file at Smith & Nephew



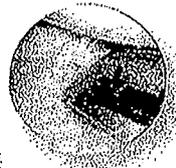
Meniscal depth probe
Measures the depth of penetration required for the ULTRA FAST-FIX[®] needle.



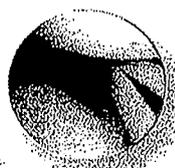
Trimmable depth penetration limiter
Controls the depth of needle penetration, enhancing safety in patients and allowing predictable meniscocapsular placement, while avoiding neurovascular structure injury.



45° and 90° diamond rasps
These angled, diamond rasps are designed specifically to freshen the edge of the meniscal tear surfaces prior to repair, to induce a bleeding response.



Slotted cannula
Introduces the delivery needle into the joint safely; aids in steering to the desired position; can be used to reduce the tear, and minimizes needle skiving. For inferior surface repairs, the cannula can be used to lift the meniscus, providing greater accessibility to the tear.



Split cannula
Safely introduces the delivery needle into the joint, keeps debris off the needle and protects the articular cartilage.



Knot pusher/cutter
This innovative device combines two instruments in one, allowing you to advance the knot to achieve the desired tension and trim the excess suture. The cutter is designed especially to cut ULTRABRAID[®].

Ordering Information

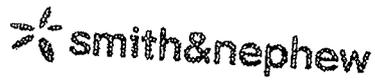
72201491	ULTRA FAST-FIX, Curved	014549
72201492	ULTRA FAST-FIX, Reverse Curved	014550
72201494	ULTRA FAST-FIX AB, Curved	7210450
72201495	ULTRA FAST-FIX AB, Reverse Curved	7209950
72201537	Knot Pusher/Suture Cutter	011703
7210977	Slotted Cannula, reusable	
015186	Meniscal Depth Probe, reusable	

45 degree Diamond Rasp, reusable
90 degree Diamond Rasp, reusable
Suture Funnel, sterile, box of 10
Suture Threaders, sterile, box of 10
Sterilization Tray
Contact your sales representative about information regarding the ULTRA FAST-FIX Technique Guide

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J. Coen, Caborn, Urban et al., Arthroscopy 1998
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ULTRA FAST – FIX
Menisko siuvimo sistema

Ultra Fast - Fix yra unikali menisko siuvimo sistema, garantuojanti stiprią fiksaciją be invazinių chirurginių procedūrų, kurios yra būtinos kitoms įprastoms menisko siuvimo sistemoms. Originali menisko siuvimo sistema Ultra Fast-Fix buvo pristatyta 2001 m. ir pakėlė minimalios invazijos menisko siuvimo technologijas į aukštesnį lygį. Iki galo paruoštų implantų, užrišimui paruošto slenkančio mazgo ir inovatyvaus stūmimo – kirpimo prietaiso dėka ši naujoviška sistema leidžia vertikaliai arba horizontaliai paskirstyti implantus iš abiejų menisko pusių, užveržti mazgą ir nukirpti likusį siūlą. Naujoji Ultra Fast-Fix sistema pasižymi stipresniu siūlu ir slenkančio mazgo mechanizmu. Tai užtikrina siuvimo sistemos greitumą bei saugumą.

Vienintelis tokio pobūdžio produktas

Greita ir paprasta procedūra

Skirtingai nei tradicinės menisko siuvimo sistemos, Ultra Fast-Fix yra implantų sistema su iš anksto paruoštu, savaime slenkančiu mazgu. Dėl šios priežasties nebereikia intraartikuliarinio mazgo rišimo procedūros.

Stipri ir kliniškai įrodyta sistema

Užtikrina stiprų ir patikimą menisko susiuvimą.

Minimali invazija

Mažina sąnarių kremzlių traumos riziką.

Slankiojantis mazgas su ULTRABRAID siūlais

Nuo tradicinių poliesterio siūlų šie skiriasi tuo, kad yra daug stipresni ir atsparesni susidėvimui; stipriai užsiveržia mazgas.

1.2. **PEEK – OPTIMA® - itin stiprūs nesirezorbuojantys polimeriniai implantai**
PEEK OPTIMA polimerai užtikrina, kad implantas nesulūžs procedūros metu.

1.2. **PLLA absorbuojantys implantai**
Tai absorbuojanti Ultra Fast-Fix implantų versija.

Lenktos ir atvirkščiai lenktos adatos

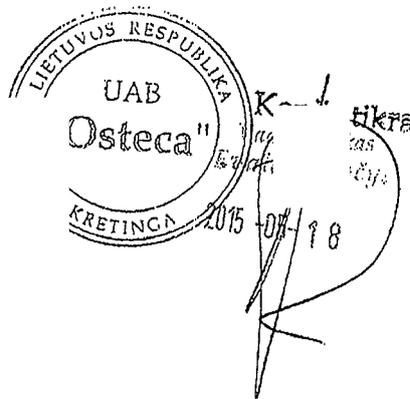
Adatos yra lenktos dėl saugesnio ir lengvesnio priėjimo prie plyšio vietos. Atvirkščiai lenktos adatos yra skirtos susiūti apatinio paviršiaus plyšį. Kadangi adatos galas yra priešingoje linkio pusėje, ji gali saugiai pasiekti apatinį paviršių be menisko pjaustymo.

UAB "Steca" 2015-06-04
Kopija tikra

KRE1

A.1.

Kiekviena UTRA FAST-FIX sistema sudaryta iš dviejų integruotų 5 mm polimerinių inkarų su # neabsorbuojamu UHMW polietileno ULTRABRAID siūlu kuris turi anksto paruoštą slystantį mazgą. Visa ši sistema yra integruota į lengvai įvedamą adatą



Additional Instruction

Prior to performing this technique, consult the Instruction for Use documentation provided with individual components – including indications, contraindications, warnings, cautions, and instructions.

References

1. Caborn, Borden, Nyland, Pienkowski; Biomechanical Comparison of the FAST-FIX Meniscal Repair Suture System with Vertical Mattress Sutures and Meniscus Arrows. *The American Journal of Sports Medicine*, Vol 31, No. 3, 2003.
2. Coen, Caborn, Urban, et al: *Arthroscopy* 1998.

Courtesy of Smith & Nephew, Inc.,
Endoscopy Division

Caution: U.S. Federal law restricts this device to sale by or on the order of a physician.

Pearls

- Prepare site and assess geometry of reduction.
- Reduce tear center-to-center to avoid "dog ears"/gapping/ruffles.
- Approach tear from contralateral portal/view from ipsilateral portal.
- Use curve of needle to increase safety zone of vector and improve insertion positioning.
- Hold delivery needle like a dart to stabilize.
- Insert curved delivery needle within split cannula with convexity up.
- Ease insertion using metal slotted cannula.
- Vertical mattress suture: T1 goes posterior and superior; T2 goes anterior and inferior.
Insert T2 (implant 2) 4 mm to 5 mm from T1 (implant 1).
- Advance gold slide trigger and implant 2 completely to tip until a click is heard (requires force). Use the tip of the thumb on slide trigger rather than volar pad of thumb.
- If implant 1 does not deploy, it is most likely NOT inserted through the entire meniscal tissue; advance deeper.
- If implant 2 does not deploy, it is most likely NOT advanced to the deployment position at the tip of the delivery needle.
- Thread suture onto knot pusher/suture cutter with suture funnel.
- If the knot does not cinch smoothly, it usually requires a more forceful steady pull which is facilitated by wrapping the suture around several fingers like a pulley and applying traction.
- Cinch knot to obtain compression of the suture across the tear but avoid over-cinching or puckering the tissue.
- Alternate divergent femoral side and tibial (tensile) side suture placement.
- Consider reverse curved devices for tibial side fixation.

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02/2008 1061031 Rev. C

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1.3. U" forms. fibulae

8. While holding the suture taut, gently slide the knot pusher/suture cutter to the meniscus to achieve the desired tension (Figure 10). The knot pusher should engage the suture in a direct line and perpendicular to the repair. A manual suture "pull"/"push" maneuver is suggested.
9. Rest the tip against the knot to allow for a 2-3 mm suture tail. Cut the suture by sliding the gold trigger forward (Photos 12 and 13, Figure 11). Alternatively, trim the suture with arthroscopic scissors.

To reduce puckering that may result from the femoral surface repair, the implants can subsequently be placed on the tibial side of the meniscus to help pull down the meniscal flap. The reverse curve ULTRA FAST-FIX* device is recommended for tibial side tears.

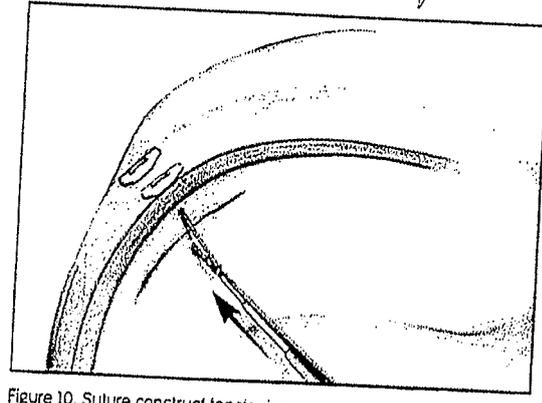


Figure 10. Suture construct tensioning

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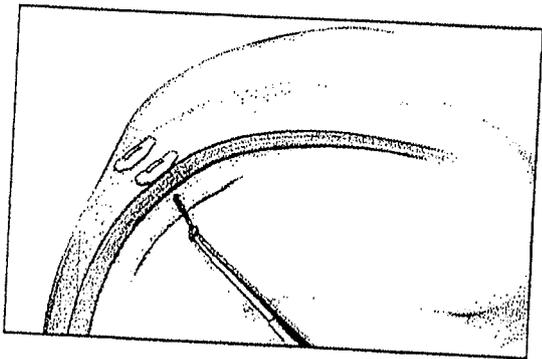


Figure 11. Suture cutting

Postoperative Care

Reestablish full extension and quadriceps activation early, along with joint kinematics and proprioception involving the entire kinetic chain progression to full weight bearing; limit flexion to 90° for three weeks and to torsion for six weeks. Running is indicated at 8-12 weeks. Cutting activities are indicated at 10-12 weeks. Return to full activity is indicated at 3-6 months. Individualization is based on the stability of the tear, repair construct security, and associated pathology.

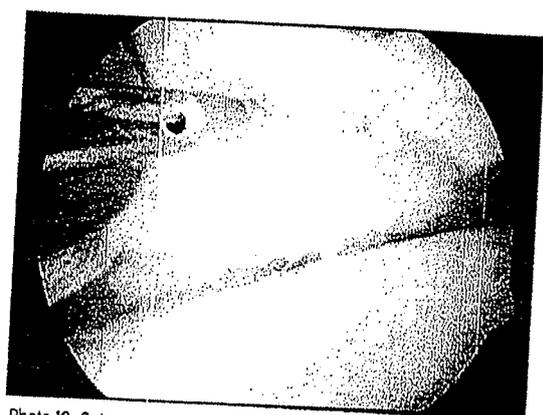


Photo 12. Suture cutting - horizontal mattress



Photo 13. Suture cutting - vertical mattress

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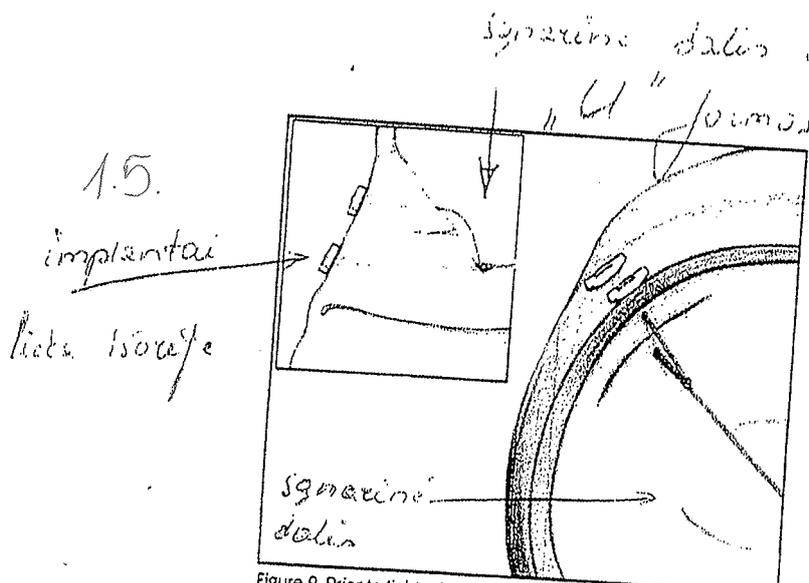


Figure 9. Prior to tightening suture construct

Remove the delivery needle from the knee, leaving the free end of the suture. Pull the free end of the suture to advance the sliding knot and reduce the meniscal tear (Figure 9, Photos 10 and 11). It is normal to encounter considerable resistance as the knot is snugged down. It is important to pull the free end of the suture in a line directly perpendicular to the tear site.

Avoid suture breakage by wrapping the suture around several fingers and using the tibia as a fulcrum to provide a tactile feel. Apply slow, increasing tension. In most cases, this steady pulling of the suture will cinch the knot down. As the knot is tightened, it may strangle the free leg of suture, creating a loop of suture. If controlled tightening does not eliminate the loop, place a probe under the tight leg of suture and use it as a pulley.

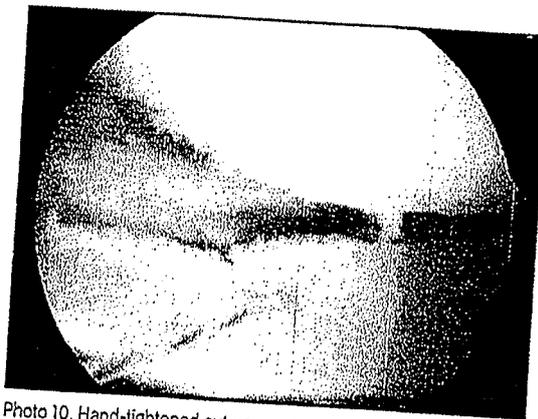


Photo 10. Hand-tightened suture construct - vertical mattress

7. To further snug down the suture construct, thread the free end of the suture through the ULTRA FAST-FIX* Knot Pusher/Suture Cutter. Both curved and straight knot pushers/suture cutters are available. This threading can be facilitated with the use of the suture funnel.

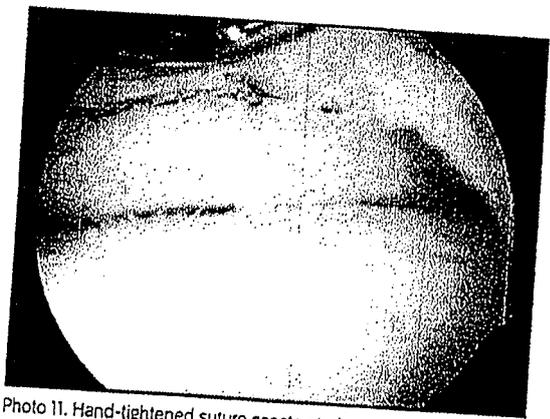


Photo 11. Hand-tightened suture construct - horizontal mattress

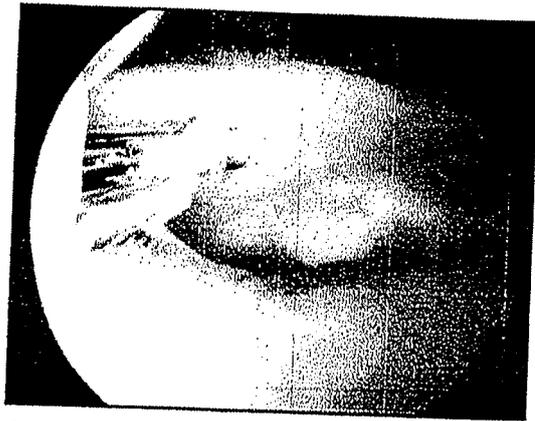


Photo 7. Implant 2 fully advanced to the ready position

4. Using the tip (rather than the volar pad) of the thumb, slide the gold trigger forward to advance the second implant into the ready position (Photo 7 and Figure 5).

Note: It is normal to encounter resistance prior to achieving the ready position. A snap or click is heard when the trigger is fully advanced, ensuring that the implant is fully seated at the end of the needle (Figures 6 and 7).

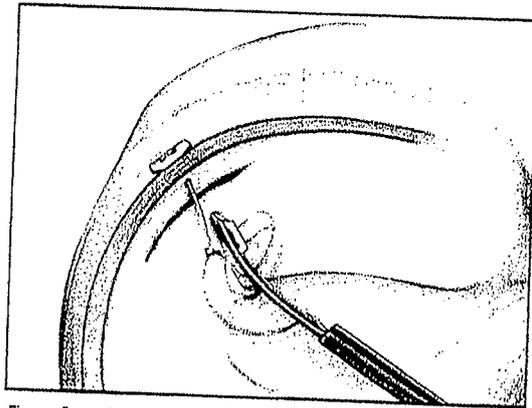


Figure 5. Implant 2 fully advanced to the ready position

M.3.
U" forms for use

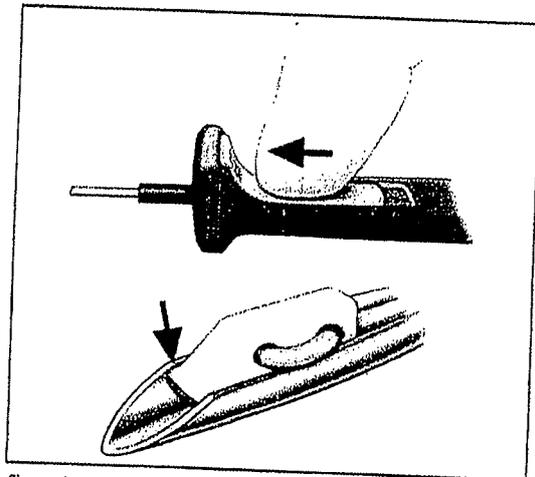


Figure 6. Proper positioning of implant 2

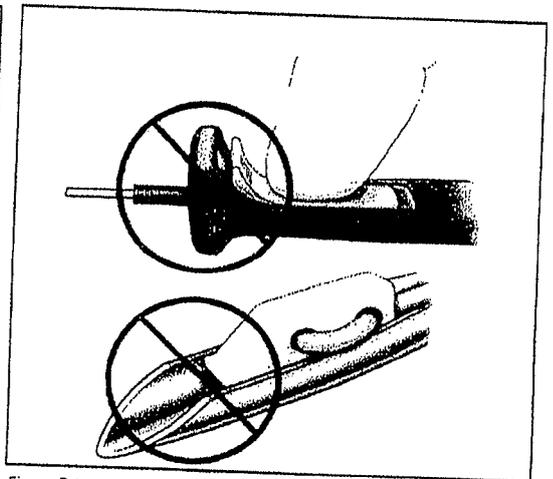


Figure 7. Improper positioning of implant 2

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Caution: The opening of the split cannula must be at 90° to the curved ULTRA FAST-FIX® needle to prevent the needle from slipping out as it is introduced into the knee (Figure 3). If using the slotted cannula, make sure the curve of the needle faces down (Figure 3a).

To minimize needle bending, grasp the cannula on the shaft and hold it like a dart or pencil when passing through the fat pad (Photo 4).

Note: The pretied, self-sliding knot, included in the ULTRA FAST-FIX device, slides from the first implant (T1) to the second implant (T2). Therefore, placing T1 further away than T2 will facilitate sliding of the knot.

Note: Maintaining the needle insertion tip within the arthroscopic view at all times avoids suture tangling.

2. For a horizontal repair, place the first implant (T1) farthest away and advance the needle into the outer meniscal fragment until the implant pops through the meniscus.

For a vertical repair, place the superior implant first and advance the needle into the outer meniscal fragment (bisecting the fragment) until the implant pops through the meniscus (Photo 6).

Using the curved ULTRA FAST-FIX device may facilitate initial penetration.

Using the slotted cannula minimizes needle skiving when accessing more anterior tears. Leave the cannula in to help steer the needle tip.

3. Oscillate the needle approximately 5° and pull the needle out of the meniscus, releasing T1 behind the meniscus (Figure 4).

To reduce the amount of suture in the field of view, slowly pull back on the needle after deploying implant 1. Use a forefinger for control upon withdrawal. Piercing the meniscus by 2-3 mm prior to advancing T2 can also help with suture management.

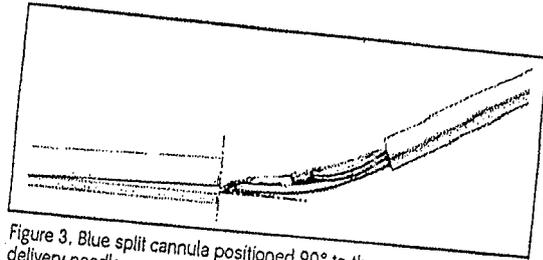


Figure 3. Blue split cannula positioned 90° to the curve of the delivery needle

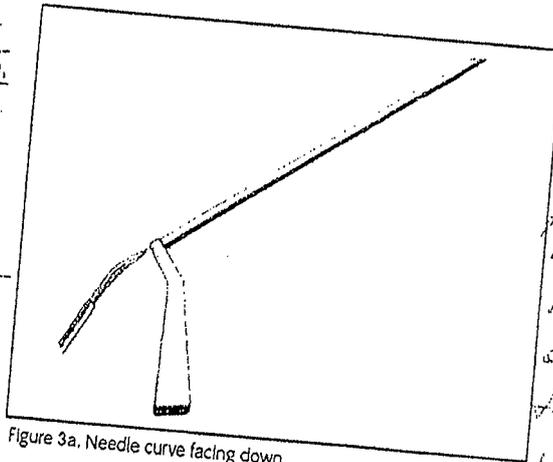


Figure 3a. Needle curve facing down

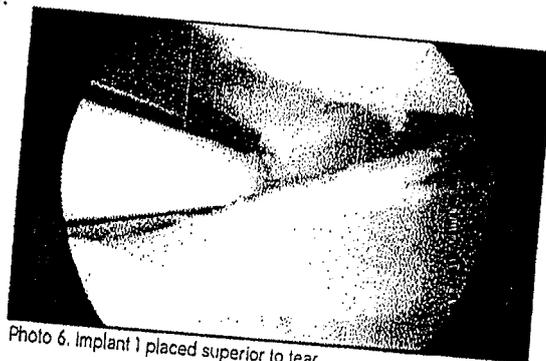


Photo 6. Implant 1 placed superior to tear

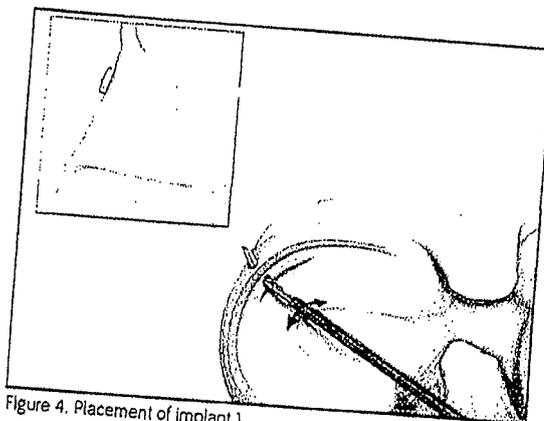


Figure 4. Placement of implant 1

*is arthroscopic
 the system
 meniscus, usually
 ultra fast fix
 procedure, suture
 two points T
 implants prior
 into T implants
 to T2, posi
 tioned T1
 anterior to T2
 but posterior
 to the suture
 suture.*

position to T1

Setup

Each ULTRA FAST-FIX® device contains two 5 mm polymer integrated anchors (resorbable or bio-inert), with a pre-tied, self-sliding knot comprised of #2 non-absorbable, UHMW polyethylene ULTRABRAID® co-braid suture. The entire system is packaged in an easy-to-insert, integrated delivery needle. The anchors are placed into the meniscus sequentially, sealed safely beyond the capsule, and are then tightened in a simple manner without the need for arthroscopic knot tying (Photos 2 and 3).

The dark blue sheath comes preset to a depth of 25 mm from the tip of the needle and 17 mm from the back of the implant, which has been shown to avoid neurovascular injury while allowing predictable meniscocapsular placement.

Peripheral, popliteal, hiatal, and mid-1/3 medial meniscus tears may require penetration less than the 17 mm allowed by the dark blue sheath. Use of the meniscal depth probe, in conjunction with the trimmable depth penetration limiter (white plastic sheath), allows controlled penetration (Figures 1a and 1b).

If the trimmable depth penetration limiter is used with the split cannula, then the split cannula should be completely split before inserting it over the white depth penetration limiter, to allow for easier removal.

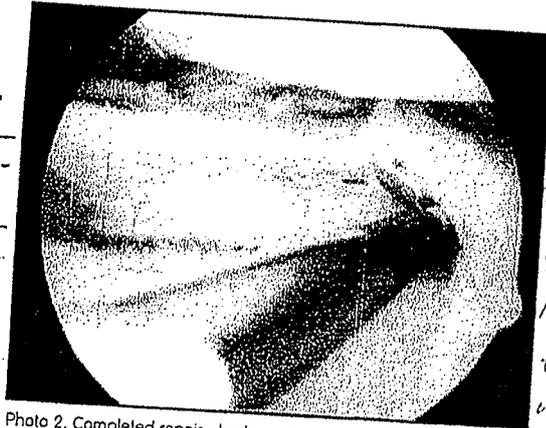


Photo 2. Completed repair - horizontal

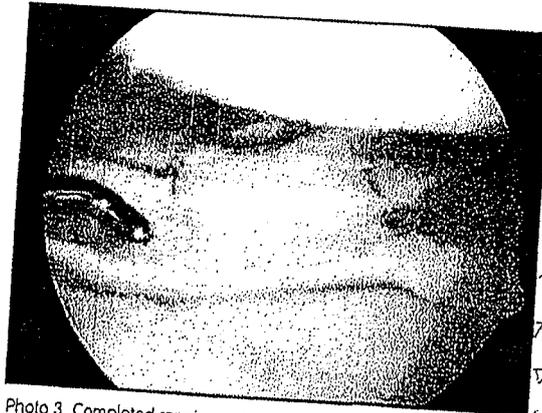


Photo 3. Completed repair - vertical x 2

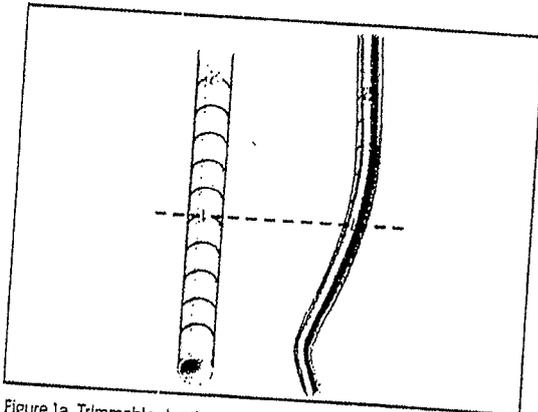


Figure 1a. Trimmable depth penetration limiter and meniscal depth probe

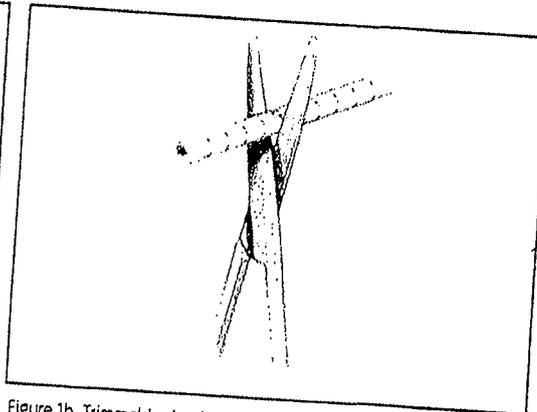
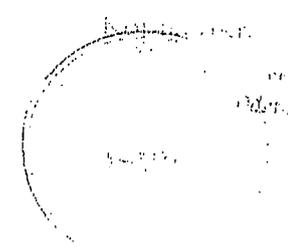


Figure 1b. Trimmable depth penetration limiter

Handwritten notes in Russian:
 Шейкеран
 Little Fast Fix
 provides satisfactory
 results in using
 5 mm polymer
 integrated anchors/bio-
 absorbable (or resor-
 bable), self-sliding
 knot system.
 The major, sub-
 type is #2 non-
 absorbable
 UHMW polyethy-
 lene ULTRABRAID
 as built into
 sheath. This sys-
 tem is a superior
 to other
 systems, integrat-
 ing providing
 safety
 Intercan you post
 demonstrate the
 meniscus most
 superior in top-
 section, it has
 a certain pop-
 ular basis, be-
 cause of the
 high and low
 price range
 suitable



 smith&nephew

ULTRA FAST – FIX
Menisko siuvimo sistema



Ultra Fast - Fix yra unikali menisko siuvimo sistema, garantuojanti stiprią fiksaciją be invazinių chirurginių procedūrų, kurios yra būtinos kitoms įprastoms menisko siuvimo sistemoms. Originali menisko siuvimo sistema Ultra Fast-Fix buvo pristatyta 2001 m. ir pakėlė minimalios invazijos menisko siuvimo technologijas į aukštesnį lygį. Iki galo paruoštų implantų, užrišimui paruošto slenkančio mazgo ir inovatyvaus stūmimo – kirpimo prietaiso dėka ši naujoviška sistema leidžia vertikaliai arba horizontaliai paskirstyti implantus iš abiejų menisko pusių, užveržti mazgą ir nukirpti likusį siūlą. Naujoji Ultra Fast-Fix sistema pasižymi stipresniu siūlu ir slenkančio mazgo mechanizmu. Tai užtikrina siuvimo sistemos greitumą bei saugumą.

Vienintelis tokio pobūdžio produktas

Greita ir paprasta procedūra

Skirtingai nei tradicinės menisko siuvimo sistemos, Ultra Fast-Fix yra implantų sistema su iš anksto paruoštu, savaime slenkančiu mazgu. Dėl šios priežasties nebereikia intraartikulinio mazgo rišimo procedūros.

Stipri ir kliniškai įrodyta sistema

Užtikrina stiprų ir patikimą menisko susiuvimą.

Minimali invazija

Mažina sąnarių kremzlių traumos riziką.

Slankiojantis mazgas su ULTRABRAID siūlais

Nuo tradicinių poliesterio siūlų šie skiriasi tuo, kad yra daug stipresni ir atsparesni susidėvimui; stipriai užsiveržia mazgas.

PEEK – OPTIMA® - itin stiprūs nesirezorbuojantys polimeriniai implantai

PEEK OPTIMA polimerai užtikrina, kad implantas nesulūš procedūros metu.

PLLA absorbuojantys implantai

Tai absorbuojanti Ultra Fast-Fix implantų versija.

Lenktos ir atvirkščiai lenktos adatos

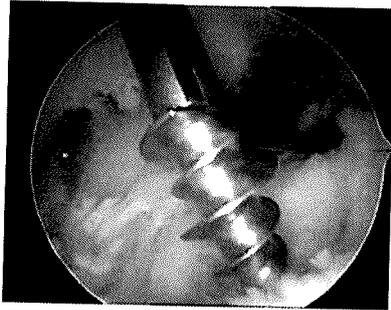
Adatos yra lenktos dėl saugesnio ir lengvesnio priėjimo prie plyšio vietos. Atvirkščiai lenktos adatos yra skirtos susiūti apatinio paviršiaus plyšį. Kadangi adatos galas yra priešingoje linkio pusėje, ji gali saugiai pasiekti apatinį paviršių be menisko pjaustymo.

Kiekviena UTRA FAST-FIX sistema sudaryta iš dviejų integruotų 5 mm polimerinių inkarų su #2 neabsorbuojamu UHMW polietileno ULTRABRAID siūlu kuris turi anksto paruoštą slystantį mazgą. Visa ši sistema yra integruota į lengvai įvedamą adatą, sterili.

Rotator Cuff Soft Tissue Fixation – Metallic Anchors

TWINFIX® Ti 5.0 and TWINFIX Ti 6.5 Suture Anchors

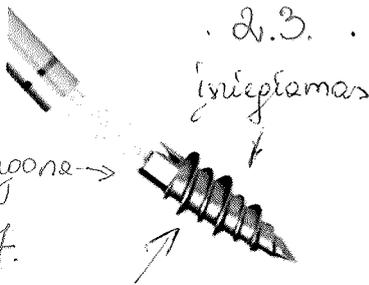
titenas L.d.



TWINFIX Ti Suture Anchors

The unique thread design of the TWINFIX Ti anchors provides extraordinary pullout strength and easy insertion in all bone conditions, and provides superior solutions to the orthopaedic surgeon.

To offer the surgeon flexibility, depending on personal preference and patient profile, TWINFIX anchors are available with DURABRAID® and ULTRABRAID® suture. ULTRABRAID is constructed from UHMW (ultra-high molecular weight polyethylene) and possesses a unique and proprietary braid configuration. This provides ULTRABRAID with its extraordinary strength properties while contributing to its superior handling qualities.

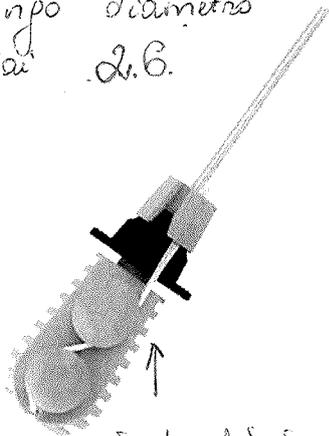


TWINFIX Ti 5.0 and TWINFIX Ti 6.5 with DURABRAID Suture

Reference #	Description
72200766	5.0 mm TWINFIX Ti Suture Anchor with two #2 preloaded DURABRAID sutures, sterile
7210300	5.0 mm TWINFIX Ti Suture Anchor with two #2 preloaded DURABRAID sutures with needles, sterile
72200769	6.5 mm TWINFIX Ti Suture Anchor with two #2 preloaded DURABRAID sutures, sterile
7210214	6.5 mm TWINFIX Ti Suture Anchor with two #2 preloaded DURABRAID sutures with needles, sterile

UHMW polietileno sūvi.

*helsagone line 0
2.7.
dugubas rieplis - du startingo diametro riepliai 2.6.*



TWINFIX Ti 5.0 and TWINFIX Ti 6.5 with ULTRABRAID Suture

Reference #	Description
72200755	5.0 mm TWINFIX Ti Suture Anchor with two #2 preloaded ULTRABRAID sutures*, sterile
7210708	5.0 mm TWINFIX Ti Suture Anchor with two #2 preloaded ULTRABRAID sutures* with needles, sterile
72200758	6.5 mm TWINFIX Ti Suture Anchor with two #2 preloaded ULTRABRAID sutures*, sterile
7210709	6.5 mm TWINFIX Ti Suture Anchor with two #2 preloaded ULTRABRAID sutures* with needles, sterile
72200687	5.0 mm TWINFIX Ti Suture Anchor with two #2 preloaded ULTRABRAID sutures*, sterile, Suture Anchor Pack (3 per box)
72200759	5.0 mm TWINFIX Ti Suture Anchor with two #2 preloaded ULTRABRAID sutures*, sterile, no needles (5 per box)

*sterilus 2.5.
yra pasirembus visų dydžių*

*mentartinis naudojimo
2.4. Evedimo instrumentas*

TWINFIX Ti 5.0 and TWINFIX Ti 6.5 Instruments

Reference #	Description
7210269	6" Drill Guide – 6" x 6.5 mm Spiked Tip for 6.5 mm TWINFIX Ti anchor
7209115	6" Drill Guide – 6" x 5 mm Spiked Tip for 5.0 mm TWINFIX Ti anchor
09502	2.5 mm Drill for TWINFIX Ti 3.5 mm and 5.0 mm anchor
10215	3.5 mm Drill for TWINFIX Ti 6.5 mm anchor
01406	12" Suture Passer, sterile
12201407	2" Suture Passer, sterile

Kopija tikra



* One ULTRABRAID white suture and one ULTRABRAID COBRAID suture

Call +1 800 343 5717 (U.S.) or contact your local representative

Minkštųjų audinių metaliniai inkarai

TWINFIX TI 5.0 ir TWINFIX TI 6.5 siuvimo inkarai

Unikalūs dizaino siuvimo inkarai TWINFIX TI pasižymi ypatingai stipraus išvedimo ir paprasto įterpimo į bet kokios būklės kaulą galimybe. Tai ortopedijos chirurgui suteikia galimybę pasirinkti pranašesnius operacijos sprendimus. Galimi trys pasirinkimo variantai: titanas, PLLA, poliacetalas.

Tam, kad padidinti chirurgo miklumą operacijos metu, TWINFIX inkarai gali būti naudojami su ULTRABRAID ir DURABRAID siūlais. DURABRAID yra Smith&Nephew kompanijos unikalūs pinti poliesterio siūlai. ULTRABRAID yra pagaminti iš UHMW (didelio molekulinio tankio polietileno) ir yra supinti unikaliu būdu. Dėl šių savybių ULTRABRAID siūlai yra ypatingai stiprūs ir patogūs naudoti.

2.1.

Ref Parametrai

TWINFIX Ti 5.0 ir TWINFIX Ti 6.5 su DURABRAID siūlu

- 72200766 TWINFIX Ti 5.0 mm Inkaras su dviem #2 DURABRAID siūlais, sterilus
 7210300 TWINFIX Ti 5.0 mm Inkaras su dviem #2 DURABRAID siūlais su adatomis, sterilus
 72200769 TWINFIX Ti 6.5 mm Inkaras su dviem #2 DURABRAID siūlais, sterilus
 7210214 TWINFIX Ti 6.5 mm Inkaras su dviem #2 DURABRAID siūlais su adatomis, sterilus

TWINFIX Ti 5.0 ir TWINFIX Ti 6.5 su ULTRABRAID siūlu

- ✓ 72200755 TWINFIX Ti 5.0 mm Inkaras su dviem #2 ULTRABRAID siūlais, sterilus 2.5
 7210708 TWINFIX Ti 5.0 mm Inkaras su dviem #2 ULTRABRAID siūlais su adatomis, sterilus
 ✓ 72200758 TWINFIX Ti 6.5 mm Inkaras su dviem #2 ULTRABRAID siūlais, sterilus 2.5
 7210709 TWINFIX Ti 6.5 mm Inkaras su dviem #2 ULTRABRAID siūlais su adatomis, sterilus
 72200687 TWINFIX Ti 5.0 mm Inkaras su dviem #2 ULTRABRAID siūlais, sterilus, dėžutėje 3 vnt.
 72200759 TWINFIX Ti 5.0 mm Inkaras su dviem #2 ULTRABRAID siūlais, sterilus, be adatų, dėžutėje 5 vnt.

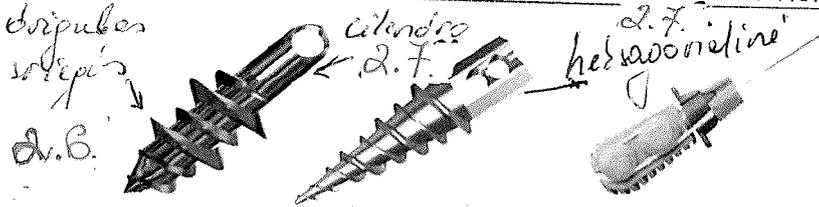
TWINFIX Ti 5.0 ir TWINFIX Ti 6.5 Instrumentai

- 7210269 6" Gražto pravedėjas 6" x 6.5 mm su dantukais,
 7209115 6" Gražto pravedėjas 6" x 5 mm su dantukais, I
 7209502 2.5 mm gražtas TWINFIX Ti 3.5 mm ir 5.0 mm
 7210215 3.5 mm gražtas TWINFIX Ti 6.5 mm inkarams
 72201406 12" Siūlo pravedėjas, sterilus
 72201407 2" Siūlo pravedėjas, sterilus

2015-11-30
Kopija tikrai

Instability Soft Tissue Fixation – Metallic Anchors

TWINFIX® Ti 3.5 and TWINFIX Ti 2.8 Suture Anchors



TWINFIX Ti 3.5 and TWINFIX Ti 2.8 Suture Anchor

The unique thread design of the TWINFIX Ti 3.5 anchor and the TWINFIX Ti 2.8 anchor provides extraordinary pullout strength and easy insertion in all bone conditions, and provides superior solutions to the orthopaedic surgeon. Multiple suture options can save costs by reducing the number of anchors per procedure. The multiple point fixation also provides a stronger repair at the reattachment site.

TWINFIX Ti 3.5 with DURABRAID® suture

Reference #	Description
72200763*	3.5 mm TWINFIX Ti Suture Anchor with two #2 preloaded DURABRAID sutures, sterile
7210302	3.5 mm TWINFIX Ti Suture Anchor with two #2 preloaded DURABRAID sutures with needles, sterile

TWINFIX Ti 2.8 with DURABRAID Suture

Reference #	Description
72200762*	2.8 mm TWINFIX Ti Suture Anchor with one #2 preloaded DURABRAID suture, sterile
72200761	2.8 mm TWINFIX Ti Suture Anchor with one #1 preloaded DURABRAID suture, sterile

TWINFIX Ti 3.5 with ULTRABRAID® Suture

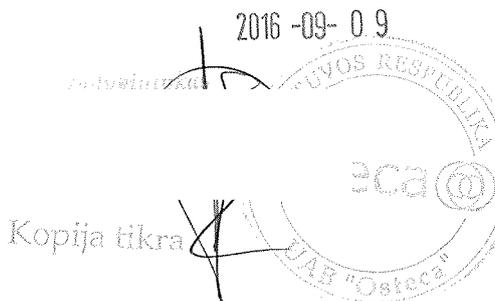
Reference #	Description
2.5. ✓ 72200752	3.5 mm TWINFIX Ti Suture Anchor with two #2 preloaded ULTRABRAID sutures, sterile <i>su divim sūlais</i>
7210707	3.5 mm TWINFIX Ti Suture Anchor with two #2 preloaded ULTRABRAID sutures with needles†, sterile
72200686‡	3.5 mm TWINFIX Ti Suture Anchor with two #2 preloaded ULTRABRAID (3 per box) sutures, sterile, Suture Anchor Pack
72200760‡	3.5 mm TWINFIX Ti Suture Anchor with one #2 preloaded ULTRABRAID sutures, sterile, no needles (5 per box)

TWINFIX Ti 2.8 with ULTRABRAID Suture

Reference #	Description
2.5. ✓ 72200750	2.8 mm TWINFIX Ti Suture Anchor with one #2 preloaded ULTRABRAID suture, sterile <i>su vienu sūlai</i>
72200685‡	2.8 mm TWINFIX Ti Suture Anchor with one #2 preloaded ULTRABRAID (3 per box) suture, sterile, Suture Anchor Pack
72200749‡	2.8 mm TWINFIX Ti Suture Anchor with one #2 preloaded ULTRABRAID suture, sterile, no needles (5 per box)

TWINFIX Ti 2.8 and 3.5 Instruments

Reference #	Description
7209502	2.5 mm Drill for TWINFIX Ti 3.5 mm and 5.0 mm anchor
7209500	6" Drill Guide for Glenoid Placement – 6" x 3.5 mm Spiked Tip for TWINFIX Ti 2.8 mm and 3.5 mm anchor
7209506	1.8 mm Drill for TWINFIX Ti 2.8 mm anchor
7209503	Awl for TWINFIX Ti 2.8 mm anchor



Ti – Titanium

* Item shown

† One ULTRABRAID white suture and one ULTRABRAID COBRAID suture

‡ US only

Call +1 800 343 5717 (U.S.) or contact your local representative.

Minkštųjų audinių fiksacija- metaliniai inkarai

TWINFIX Ti 3,5 ir TWINFIX Ti 2,8 siuvimo inkarai

TWINFIX Ti 3,5 ir TWINFIX Ti 2,8 siuvimo inkarų unikalus sriegio dizainas suteikia ypatingą ištraukimo (pullout) stiprumą ir lengvą įvedimą į įvairios būklės kaulus, taip pat palengvina chirurgui ortopedui priimti tinkamus sprendimus. Įvairios inkaro siuvimo galimybės gali sumažinti inkarų panaudojimo skaičių procedūros metu, ir taip sumažinti procedūros išlaidas. Didesnis inkaro fiksavimo vietos pasirinkimas suteikia stipresnę pakartotiną fiksaciją.

Ref Parametras

TWINFIX Ti 3,5 su DURABRAID siūlais

72200763 TWINFIX Ti 3,5 mm inkaras su dviem #2 DURABRAID siūlais, sterilus

7210302 TWINFIX Ti 3,5 mm inkaras su dviem #2 DURABRAID siūlais su adatomis, sterilus

TWINFIX Ti 3,5 su ULTRABRAID siūlais

2.5. ✓ 72200752 TWINFIX Ti 3,5 mm inkaras su dviem #2 ULTRABRAID siūlais, sterilus

7210707 TWINFIX Ti 3,5 mm inkaras su dviem #2 ULTRABRAID siūlais su adatomis, sterilus

72200686 TWINFIX Ti 3,5 mm inkaras su dviem #2 ULTRABRAID siūlais, sterilus, 3 vnt. dėž.

72200760 TWINFIX Ti 3,5 mm inkaras su vienu #2 ULTRABRAID siūlu, sterilus, be adatų, 5 vnt. dėž.

TWINFIX Ti 2,8 su DURABRAID siūlais

72200762 TWINFIX Ti 2,8 mm inkaras su vienu #2 DURABRAID siūlu, sterilus

72200761 TWINFIX Ti 2,8 mm inkaras su vienu #1 DURABRAID siūlu, sterilus

TWINFIX Ti 2,8 su ULTRABRAID siūlais

2.5. ✓ 72200750 TWINFIX Ti 2,8 mm inkaras su vienu #2 ULTRABRAID siūlu, sterilus

72200685 TWINFIX Ti 2,8 mm inkaras su vienu #2 ULTRABRAID siūlu, sterilus, 3 vnt. dėž.

72200749 TWINFIX Ti 2,8 mm inkaras su vienu #2 ULTRABRAID siūlu, sterilus, be adatų, 5 vnt.

TWINFIX Ti 2,8 ir 3,5 Instrumentai

7209502 2,5mm gražtas TWINFIX Ti 3,5 mm ir 5,0 mm inkarams

7209500 6" Gražto nukreipėjas - 6" x 3,5 mm su dantukais, TWINFIX Ti 2,8 mm ir 3,5 mm inkarams

7209506 1,8 mm gražtas TWINFIX Ti 2,8 mm inkarams

7209503 Yla Twinfix Ti 2,8 mm inkarams



Litra 2015-11-30

Tvirtinantis

 (parašas)

Smith & Nephew Inc.
1000 North 17th Street
Burlington, MA 01803
Tel: 978-250-3000
Fax: 978-250-3000
Customer Service
Tel: 800-845-3377
www.smith-nephew.com

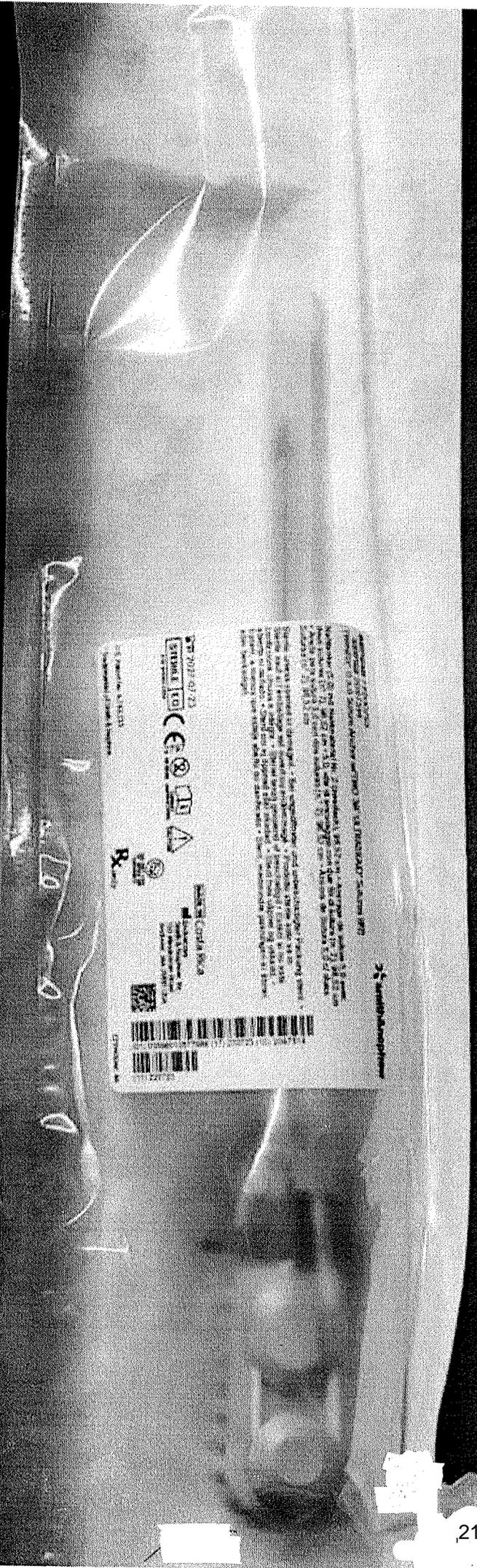
Vienogē Sterilīgose pakotīfe

2.1.

72200755
9097514
1) TWIVIX™ T1 S 0 Suture Anchor w/TWO 35'
ULTRASOLID Sutures (W2)

Anchor w/ 3.0" w/ two sutures (n° 2) 96.52 cm
Anclaje de suture 3.0" con dos suturas (n° 2) 96.52 cm
3.0" w/ 2 anchors w/ two sutures (n° 2) 96.52 cm
Anche per suture 3.0" con due suture (n° 2) 96.52 cm
Anclaje de suture 3.0" con duas suturas (n° 2) 96.52 cm

Smith & Nephew



STERILE (10) CE MDD
SMITH & NEPHEW
ULTRASOLID Sutures (W2)
Anchor w/ 3.0" w/ two sutures (n° 2) 96.52 cm
Anclaje de suture 3.0" con dos suturas (n° 2) 96.52 cm
3.0" w/ 2 anchors w/ two sutures (n° 2) 96.52 cm
Anche per suture 3.0" con due suture (n° 2) 96.52 cm
Anclaje de suture 3.0" con duas suturas (n° 2) 96.52 cm