



 **smith&nephew**  
**FAST-FIX<sup>®</sup> 360**  
Meniscal Repair System

Optimal Performance.  
The only device that clicks on so many levels.

# Easier, faster, all-inside meniscal repair – elevate your standard with FAST-FIX<sup>◇</sup> 360 Meniscal Repair System.

Smith & Nephew has worked in conjunction with leading arthroscopic knee surgeons to elevate the standard for minimally invasive, all-inside meniscal repairs. This collaboration has led to the introduction of our next-generation FAST-FIX 360 Meniscal Repair System – a faster and easier system that provides a strong, reproducible and secure meniscal repair.

**First we set the standard; then we raised the bar.** We set the standard for minimally invasive, all-inside repairs with our FAST-FIX Meniscal Repair System – the strength of a vertical mattress suture stitch without the traditional open incision.

Our all-new FAST-FIX 360 System improves on that standard by raising the bar with new features and benefits that include:

## **One-handed, fast-click, active implant deployment**

The unique 360° actuation design enables you to deploy implants in any hand position – vertically, horizontally on either side of the meniscus – with a fast, smooth advancing motion. This spring-action design facilitates the advancement of each implant into the capsule.

## **Minimal disruption to the meniscus**

Smaller implants and pre-tied, self-sliding knot made of ULTRABRAID<sup>®</sup> 2-0 Suture create smaller needle insertions, reducing disruption to the meniscus.

## **Low profile with improved control**

Low-profile, stiffer needle shaft improves control while enabling access and visibility to hard-to-reach areas of the meniscus.

## **Built-in adjustable depth penetration**

Set needle depth penetration from 10 mm to 18 mm with the simple push of a button.

## **Strong with clinically proven FAST-FIX Meniscal Repair Technology**

Like its predecessor, the FAST-FIX 360 System has biomechanical properties that best reproduce the vertical mattress suture technique.<sup>1</sup> You can count on a strong, reproducible and reliable meniscal repair.

## **Enhanced suture management**

Manages sutures between deployment of implants for better visualization.

## **Laser-marked needle tip**

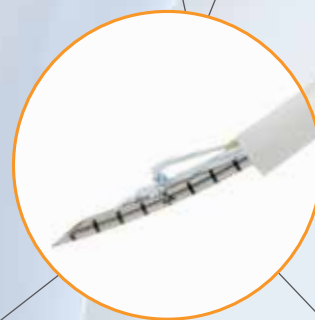
Serves as a quick reference for needle depth penetration.

## **Needle tip available in curved, reverse curved and straight**

Provides easy access to tear sites on superior and tibial surfaces of the meniscus.

## **Smaller implants and ULTRABRAID 2-0 Suture**

Minimizes disruption to the meniscus. Leaves no hard plastic in the joint – just suture. Implants available in non-absorbable (PEEK).





**Auditory confirmation**

Assures that implants are deployed.

**Adjustable depth limiter**

Minimize needle exposure behind the capsule with the push of a button.

**Stiffer, low-profile needle shaft**

Reduces needle bending, improves control.

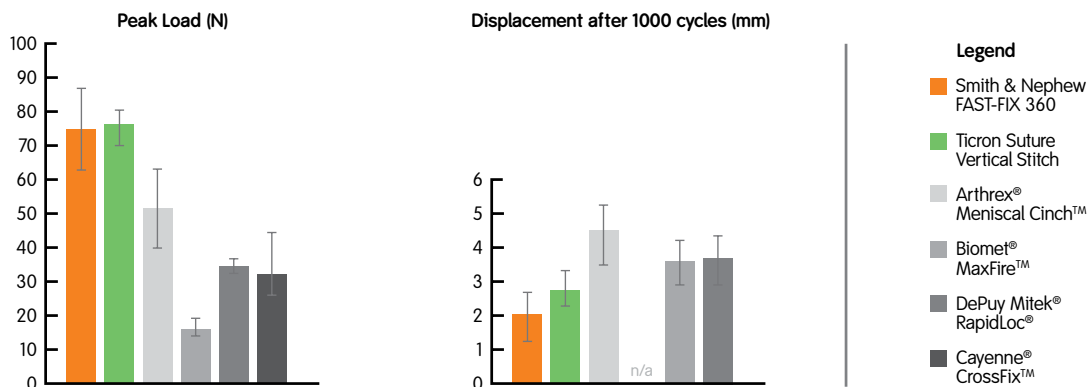
**Ergonomic handle**

Enhances the user experience, feels comfortable in your hand.

**360° active deployment**

Delivers fast and easy implant deployment at any hand position.

**For optimal performance, only one meniscal repair device clicks on so many levels.**

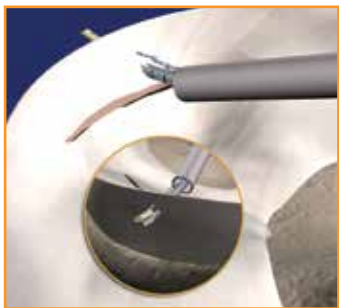


An evaluation of the biomechanical performance of the FAST-FIX 360 Meniscal Repair System showed a significantly increased peak load and a significantly decreased displacement after cyclic loading, compared to other all-inside meniscal repair devices<sup>2</sup>. The results demonstrate that FAST-FIX 360 devices best reproduce the vertical mattress stitch compared to other devices. This in vitro mechanical evaluation of meniscal repair devices employed cyclic loading followed by a load-to-failure test on a simulated tear repaired in porcine meniscus. Unable to complete 1000 cycles of loading with Biomet MaxFire due to early failure.

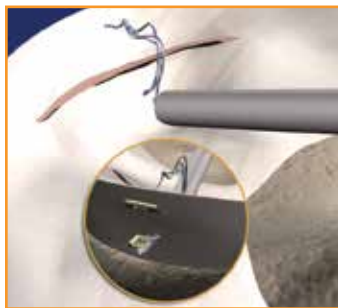
1, 2 Data on file at Smith & Nephew: ITR 4080, "FAST-FIX 360 System vs. Competitors," (2010).

## The Technique

Insert needle and push 360° actuation trigger to deploy T1. A click confirms deployment.



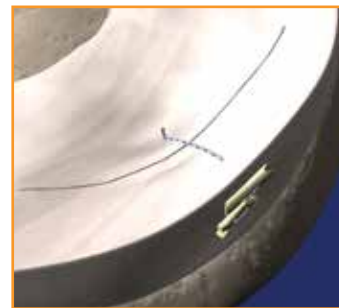
Retract needle and repeat previous step to deploy T2. A click confirms deployment.



Pull on the suture to advance the pre-tied sliding knot and reduce the tear.



Recess the knot into the meniscus with knot pusher/cutter, and trim excess suture.



## Enhanced Knot Pusher/Suture Cutter and Slotted Cannula – one convenient single-use set

Our enhanced Knot Pusher/Suture Cutter combines two instruments in one, allowing you to advance the knot to achieve the desired tension and trim the excess suture. It features a v-notch design for improved cutting of the ULTRABRAID® Suture. The low-profile slotted cannula introduces the delivery needle into the joint easily. It also provides greater accessibility to tear sites.



Knot Pusher/Suture Cutter and Slotted Cannula

## Ordering Information

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

### Accessories:

015186	Meniscal Depth Probe, reusable
014549	45° Diamond Rasp, reusable
014550	90° Diamond Rasp, reusable
7210977	Slotted Cannula, reusable
7210450	Suture Funnel, sterile, box of 10
7209950	Suture Threaders, sterile, box of 10



FAST-FIX® 360 curved, reversed curve, straight



Reusables

The technique shown above is for informational and educational purposes only. It is not intended to serve as medical advice. It is the responsibility of treating physicians to determine and utilize the appropriate products and techniques, according to their own clinical judgment, for each of their patients. For more information on the FAST-FIX 360 Meniscal Repair System, including its indications for use, contraindications, and product safety information, please refer to the product's label and the Instructions for Use packaged with the product.

The Smith & Nephew FAST-FIX 360 Meniscal Repair System is intended for use as a suture retention device to facilitate percutaneous or endoscopic soft tissue procedures. The FAST-FIX 360 System is indicated for use in meniscal repairs and allograft transplant procedures. The FAST-FIX 360 System is intended to be used for anchoring the allograft to the meniscal rim during allograft transplant procedures.