

BICEPS TENODESIS

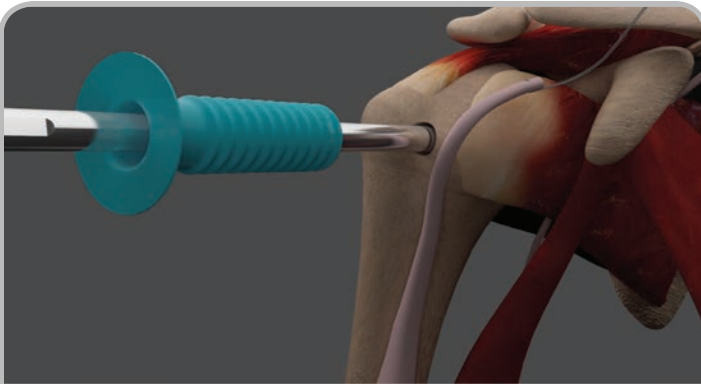
SLiK™ Fix tenodesis system



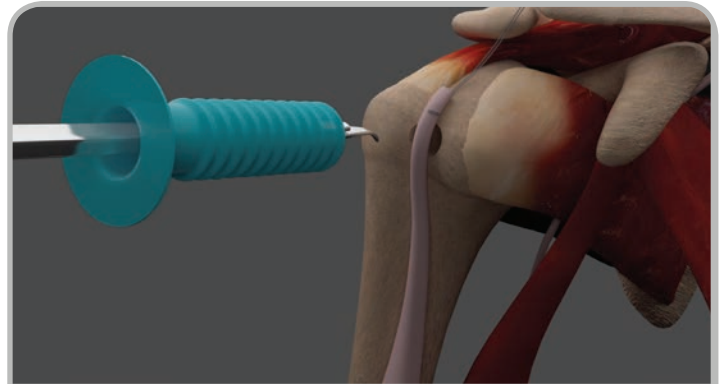
SHOULDER

Surgical Technique Guide

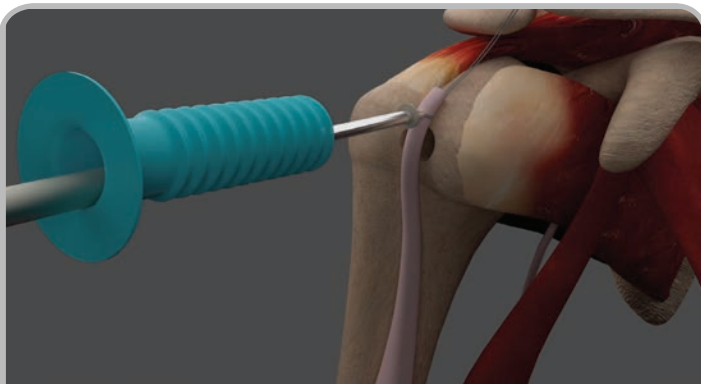
Biceps tenodesis will be demonstrated with the **SLiK Fix** carbon fiber-reinforced PEEK tenodesis screw.



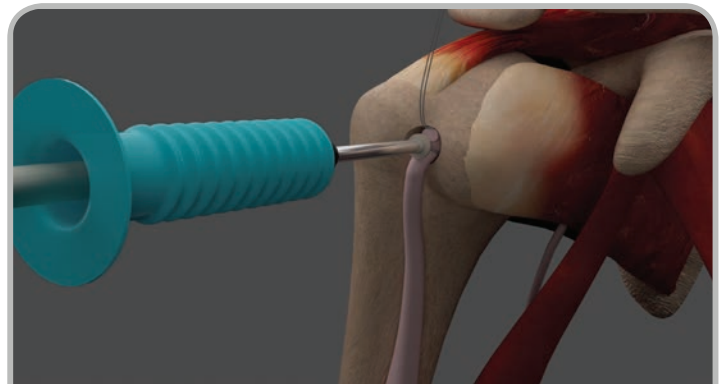
step 1 Place a tag stitch through the biceps tendon and resect the tendon at its insertion. Create a bone socket with the **SLiK Fix** drill bit. Drill to a depth of 20mm.



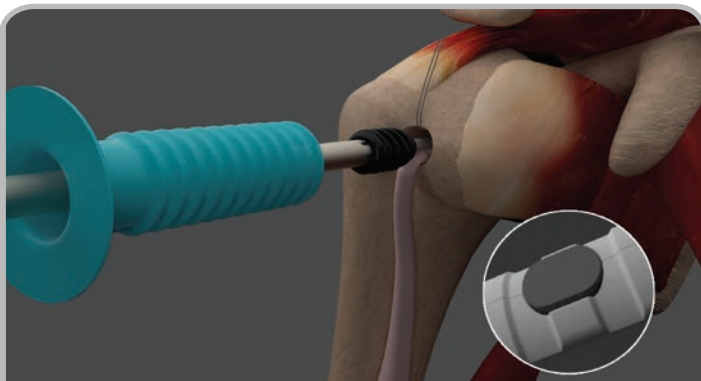
step 2 Place a locking stitch in the biceps tendon and trim excess, leaving a 1-centimeter tail proximally.



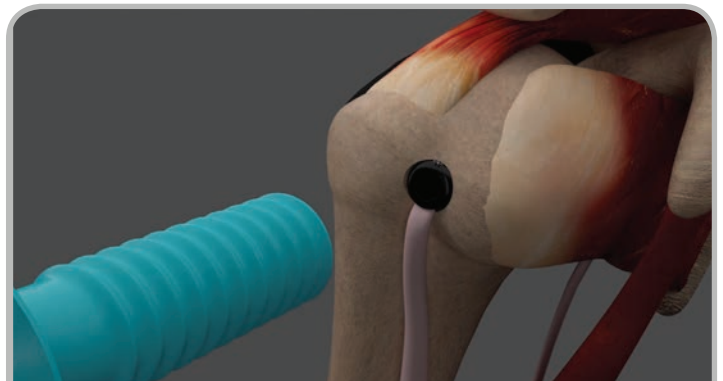
step 3 Use the targeting tip of the **SLiK Fix** to engage the tendon.



step 4 Advance the tendon into the bone socket by applying a downward force on the **SLiK Fix** handle. Seating of the tendon is aided by the PEEK tendon washer.



step 5 Once the tendon is advanced to depth and tension is achieved, press the activation button while maintaining downward pressure to release the inner shaft.



step 6 Insert the **SLiK Fix** screw by applying downward force and rotating clock-wise. Once tendon fixation is achieved, pull straight back to remove the handle and release the tendon washer.

Surgical Innovation | Customer Driven

PEEK CF is made of PEEK-OPTIMA™ (by Invibio) combined with 30% carbon fiber filler. The compound is comprised of short carbon fibers that are dispersed within a PEEK-OPTIMA polymer matrix.

The resulting material has enhanced physical strength, nearly twice as much as natural PEEK, and has mechanical characteristics much closer to cortical bone than natural PEEK, PLLA or titanium. The added mechanical strength in PEEK CF plays a key role in addressing the challenges of insertion torque in screw-in devices such as suture anchors and interference screws.

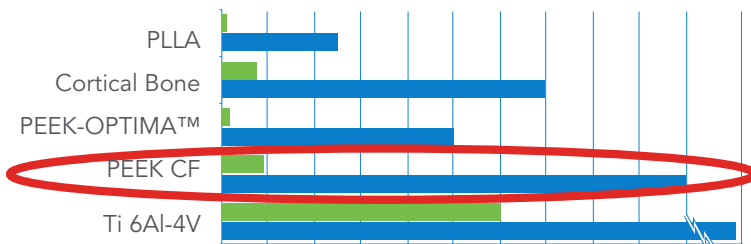
THE PARCUS PEEK CF DIFFERENCE

The PEEK CF Difference

- **Strong** and biocompatible
- **Radiolucent**, less imaging artifact, MR safe
- **Twice as strong** as the PEEK material used in other suture anchors
- **Mechanical properties** closer to cortical bone than titanium or biocomposites



PEEK CF Strength & Stiffness Comparison



	Ti 6Al-4V	PEEK CF	PEEK-OPTIMA	Cortical Bone	PLLA
■ Elastic Modulus GPa	120	18	3.5	15	2
■ Tensile Strength MPa	790	200	100	139	50

Surgical Innovation | Customer Driven

SLiK Fix PEEK CF Screws

Part #	Description
10995	7.0mm x 15mm SLiK Fix PEEK CF Screw
10996	8.0mm x 15mm SLiK Fix PEEK CF Screw
10997	9.0mm x 15mm SLiK Fix PEEK CF Screw

SLiK Fix PEEK Screws

Part #	Description
10952	7.0mm x 15mm SLiK Fix PEEK Screw
10953	8.0mm x 15mm SLiK Fix PEEK Screw
10954	9.0mm x 15mm SLiK Fix PEEK Screw

Instrumentation for SLiK Fix Screws

Part #	Description
11016	7mm SLiK Fix Drill Bit, 150mm, Sterile, Single-Use
11016U	7mm SLiK Fix Drill Bit, 150mm, Unsterile, Single-Use
11017	8mm SLiK Fix Drill Bit, 150mm, Sterile, Single-Use
11017U	8mm SLiK Fix Drill Bit, 150mm, Unsterile, Single-Use
11018	9mm SLiK Fix Drill Bit, 150mm, Sterile, Single-Use
11018U	9mm SLiK Fix Drill Bit, 150mm, Unsterile, Single-Use
11019	10mm SLiK Fix Drill Bit, 150mm, Sterile, Single-Use
11019U	10mm SLiK Fix Drill Bit, 150mm, Unsterile, Single-Use

