Features & Benefits

Manufactured from PLDLA poly(L-lactide-co-D, L-lactide)
- Not visible on radiographs
- Will be replaced by bone over time
- Simplifies revisions
- Won't interfere with MRI or CT scans
- Amorphous material is biocompatible

Implant is 3.0 mm Threaded Design
- Superior fixation strength
- Unsurpassed insertional control

Implant Eyelet is Braided Suture
- Eliminates suture abrasion/breakage
- Accommodates up to two #2 braided sutures
- Maintains eyelet strength throughout most of the degradation cycle

Implant Preloaded with #2 Suture
- Enhances suture management
- Provides tissue fixation options

Implant Packaged with Disposable Driver
- Quick and efficient

Two Instruments Required
- Simple two-step insertion

Available with Needles
- Added efficiency for open repairs

Bio-FASTak® Arthroscopic Instrumentation Set
(AR-1327S) includes:

Bio-FASTak Tap	AR-1324TB
Bio-FASTak Spear, with Trocar & Conical Point Obturator	AR-1325
Ratcheting Screwdriver Handle	AR-1999
Bio-FASTak Instrumentation Sterilization Case	AR-1327
Cannulated Bio-FASTak Guide *(optional)*	AR-1325CG
Bio-FASTak Tap, fluted (*optional)*	AR-1324TBF

Bio-FASTak® Open Instrumentation
(for Bio-FASTak w/Needles)

Bio-FASTak Tap, short	AR-1324TBS
Spear for Bio-FASTak, short	AR-1326G

Implants:
(Bio-FASTak Suture Anchors, 3.0 mm x 14 mm)

Bio-FASTak w/handled inserter and one #2 braided suture	AR-1324B
Bio-FASTak w/FiberWire	AR-1324BF
Bio-FASTak w/Needles & FiberWire	AR-1324BNF
Bio-FASTak w/two #2 FiberWire sutures	AR-1324BF-2

Arthrex®

Innovative Solutions in Minimally Invasive Orthopaedics

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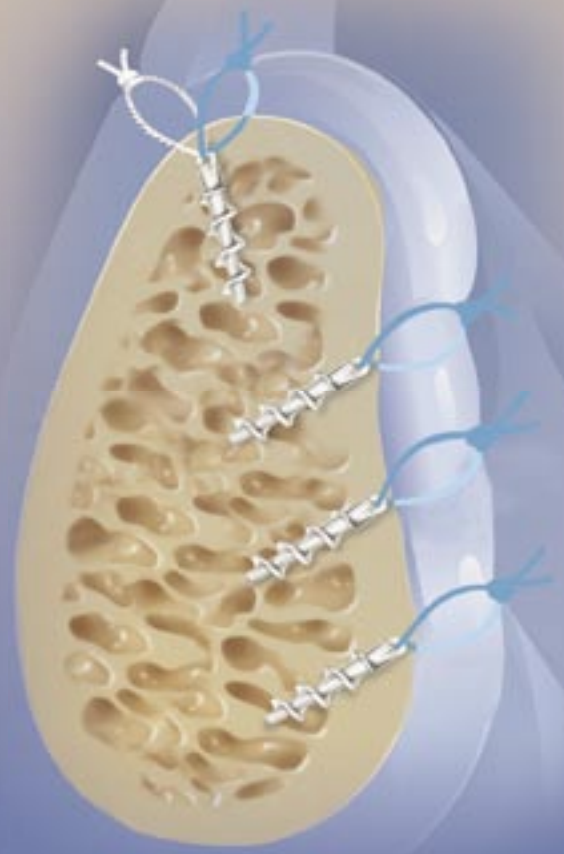
Bio-FASTak® Suture Anchor



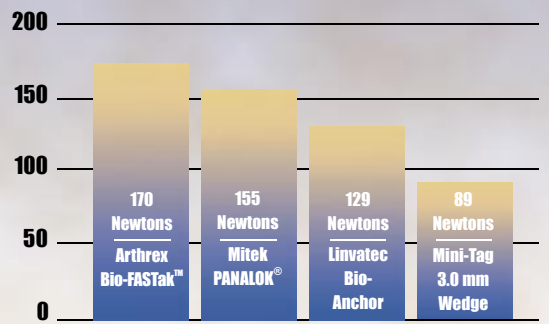
Arthrex®

The Bio-FASTak Suture Anchor is a 3 mm bioabsorbable implant featuring a braided suture eyelet molded into the implant to retain eyelet fixation strength throughout most of the degradation cycle. A unique suture eyelet design virtually eliminates abrasion to attached sutures and allows for smooth advancement of sliding knots. The implant thread design provides maximum pull-out strength in cortical bone and is ideal for open or arthroscopic repairs. The implant is molded from PLDLA, a noncrystalline, bioabsorbable copolymer. The Bio-FASTak is preloaded with one #2 FiberWire braided suture in a disposable handled inserter for speed and convenience. The Bio-FASTak is also available with needles to add speed and convenience for open procedures.

Pull-Out Strength

The design of the Bio-FASTak Suture Anchor on average provides 170 Newtons of pull-out strength. The chart below shows the pull-out force in Newtons needed to fail the Arthrex Bio-FASTak compared to other similar size bioabsorbable implants.

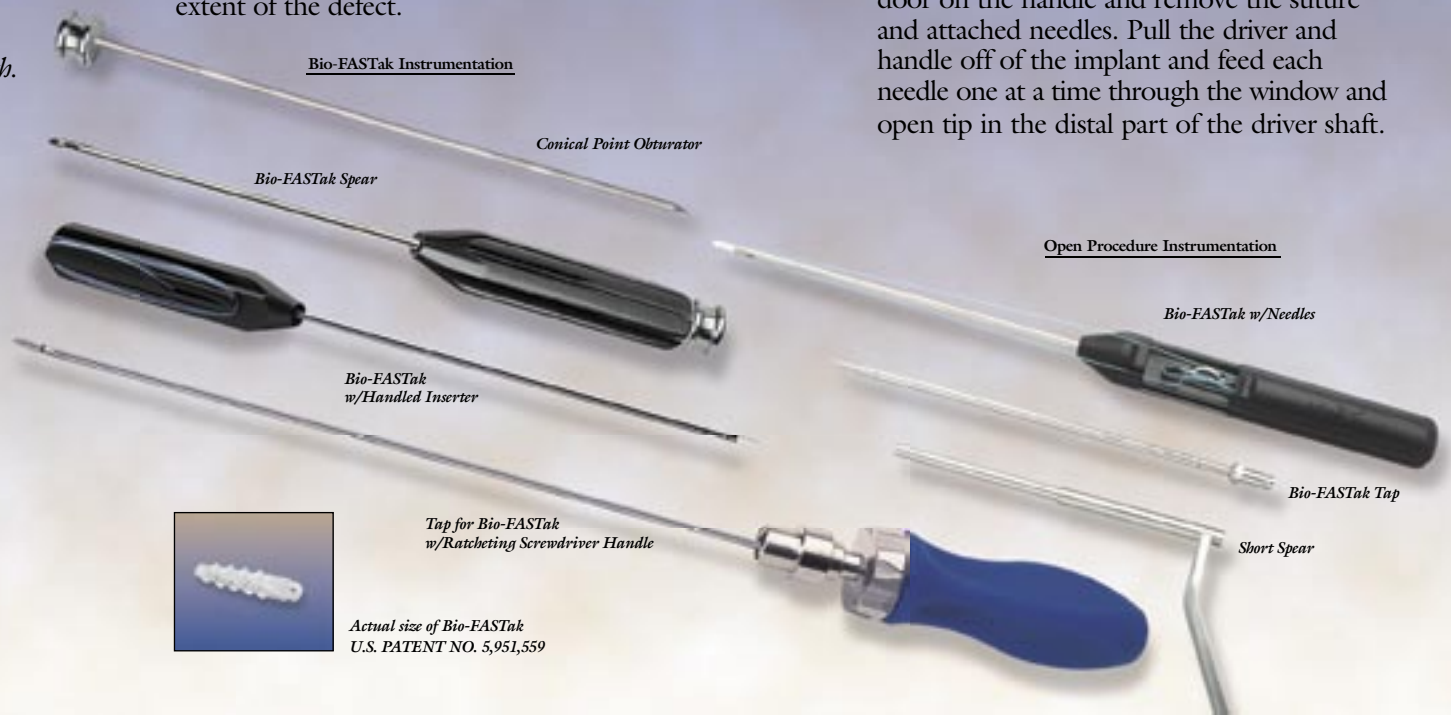
Implant Comparison



The Bio-FASTak was tested in 20 lb foam block at an independent lab. The pull-out strength data for the comparison products was published by F. Alan Barber, M.D.

Arthroscopic Surgical Technique

For labral repairs, without using power tools, the dovetail tip of the Bio-FASTak Spear is positioned on the glenoid rim and the trocar is removed. The Bio-FASTak Tap is attached to the Ratcheting Screwdriver Handle and advanced through the Spear to create a pilot hole for the implant. The Bio-FASTak is inserted through the Spear into the tapped hole and advanced until the laser line is flush with the bone surface. Sutures are placed through tissue with needles or arthroscopically with the SutureLasso™, BirdBeak™, Penetrator™ Suture Retriever, Viper™ Suture Passer or Pigtail Suture Passer. Additional implants are placed as determined by the extent of the defect.



Actual size of Bio-FASTak
U.S. PATENT NO. 5,951,559

Open Surgical Technique

The Bio-FASTak is available with needles attached to the suture, a shortened tap guide and tap for open capsulolabral reconstruction.

Position the dovetail tip of the tap guide on the rim of the glenoid, attach the tap to the Ratcheting Screwdriver Handle, and advance it until the distal laser line is flush with bone. Alternatively, the tap is advanced until the proximal laser is flush with the back of the tap guide. Remove the tap and tap guide. *Note:* The implant cannot be inserted through the tap guide. The Bio-FASTak with needles is advanced into bone until the most proximal distal laser line is flush with bone (the most distal laser line indicates the top of the anchor eyelet). Open the trap door on the handle and remove the suture and attached needles. Pull the driver and handle off of the implant and feed each needle one at a time through the window and open tip in the distal part of the driver shaft.