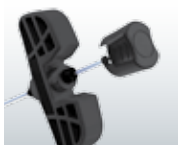
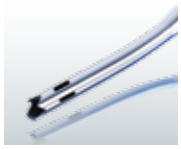
NEW

Y-Knot® Flex

All-Suture Anchor System

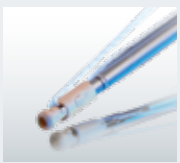
Part of CONMED's Shoulder Restoration System™. The Y-Knot® Flex for labral and capsular-based repairs helps improve surgical flexibility and access with small, all-suture anchors that deliver secure fixation with up to 80% less bone removal.*





PRESSFT™
SUTURE ANCHOR

POPLOK®
KNOTLESS ANCHOR



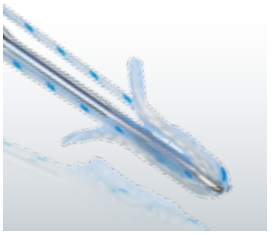
GENESYS™ CROSSFT™
SUTURE ANCHOR

To learn more about these and other innovative products, call **800-237-0169** or visit **ConMed.com**.

* Data on File

Why You Should Use Y-Knot® Flex Anchors.

SHOULDER RESTORATION SYSTEM™



1.3MM Y-KNOT FLEX

NEW

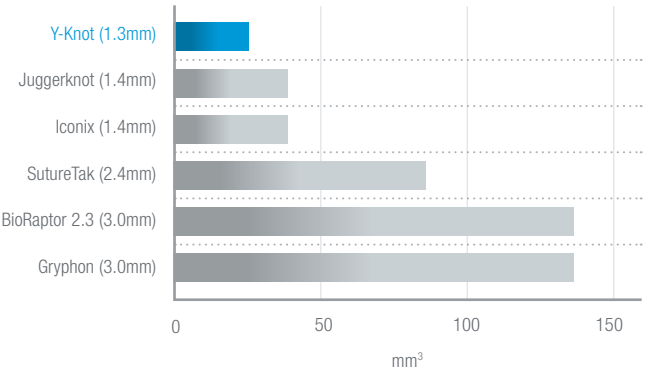
1.8MM Y-KNOT FLEX

80% Less Bone Removal

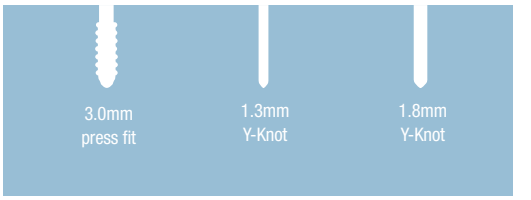
The Y-Knot 1.3mm anchor has an extremely small footprint – requiring 80% less bone removal than a 3.0mm press-fit anchor.* In addition to providing increased flexibility when bone surface area is limited, this also preserves options if a revision surgery becomes necessary.

Required Bone Removal*

Commonly Used Labral Repair Anchors



Required Bone Removal Comparison



Closer Proximity, Stronger Repairs.

As the number of fixation points increase, the strength of soft tissue repair has also been shown to increase[1]. As such, the small footprint of the Y-Knot 1.3mm anchor allows you to place multiple points of fixation in close proximity to each other which may help lead to a stronger repair.

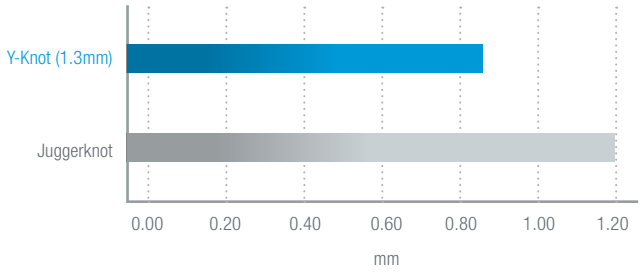
[1]Jost PW, Khair MM, Chen DX, Wright TM, Kelly AM, Rodeo SA, Suture number determines strength of rotator cuff repair. J Bone Joint Surg Am. 2012 Jul 18; 94 (14): e1001-e1007 [2]Barber, FA. et al. Cyclic Loading Biomechanical Analysis of Pullout Strengths of Rotator Cuff and Glenoid Anchors: 2013 Update. Arthroscopy. 2013; 29:832-844. * Data on File

55% More Fixation, 30% Less Creep

When deployed, Y-Knot anchors provide significant fixation advantages. The 1.3mm and 1.8 Y-Knot anchors each deliver at least 55% more fixation strength than conventional 3.0mm press fit anchors and 30% less creep under cyclic loading than competitive all-suture anchors.*

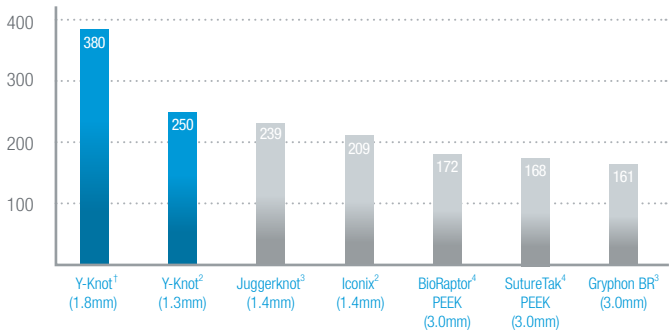
Displacement (Creep) After 4000 Cycles*

Most Commonly Used All-Suture Anchors



Mean Force to Failure (N)*

Commonly Used Labral Repair Anchors



Minimally Invasive Entry

Slim, percutaneous drill guides require smaller skin incisions compared to conventional 3.0mm anchor instrumentation.* The Y-Knot Flex instrumentation was engineered to help provide access with as little disruption as possible to adjacent healthy tissue.

[3] Barber, FA. et al. Biomechanical Analysis of Pullout Strengths of Rotator Cuff and Glenoid Anchors: 2011 Update. Arthroscopy. 2011; 2:895-905. [4] Barber, FA. et al. Suture Anchor Materials, Eyelets, and Designs: 2008 Update. Arthroscopy. 2008; 24:895-867. * Data on File † Data on file. Double-loaded anchor, other anchors in chart are single-loaded.

SHOULDER RESTORATION SYSTEM™

NEW

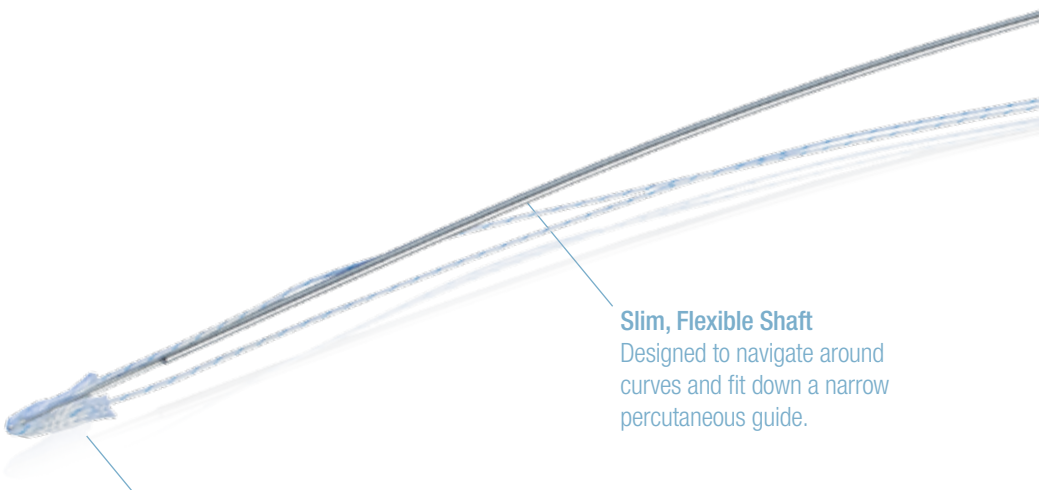
1.8MM DOUBLE-LOADED (#2 SUTURE)

The Future of Fixation

The Y-Knot® Flex Anchor System represents our next generation of arthroscopic soft tissue fixation. As we continue our commitment to developing new tools that enhance your ability to provide the highest level of minimally invasive care, Y-Knot Flex Anchors deliver a wide range of benefits to both surgeons and their patients.

System Overview

Building on the design of our standard Y-Knot Anchor System, The Y-Knot® Flex System has features intended to help solve some of the biggest challenges that can occur during labral and capsular-based repairs:



Slim, Flexible Shaft
Designed to navigate around curves and fit down a narrow percutaneous guide.

1.3mm Y-Knot Flex–
Single-loaded

1.8mm Y-Knot Flex–
Double-loaded (#2 Suture)

NEW Innovative Instrumentation

We worked with surgeons to develop new and improved instrumentation that helps overcome surface area and entry limitations during these difficult repairs. Our curved and percutaneous instruments may help improve access and anchor placement.

Y-Knot® All-Suture Anchors – Strong Purchase with 360° FormFit™ Fixation

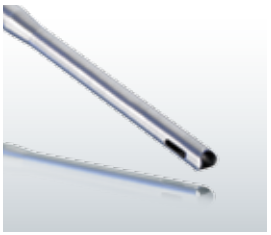
1.3mm Single-loaded and new 1.8mm Double-loaded (#2 Suture)

Our Y-Knot all-suture anchors feature 360° FormFit™ fixation – contracting vertically while expanding laterally when deployed for strong purchase in bone with a small footprint. The 1.8mm Y-Knot Flex anchor is double-loaded with two #2 Hi-Fi® Sutures.

Y-KNOT INSERTED

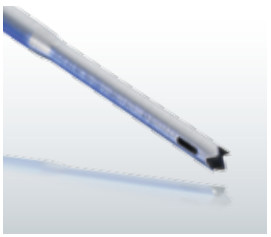
Y-KNOT DEPLOYED

[5] Wust, Daniel M, et al. Mechanical and Handling Properties of Braided Polyblend Polyethylene Suture in Comparison to Braided Polyester and Monofilament Polydioxanone Sutures. Arthroscopy 2006; 22:1146-1153.



FISHMOUTH GUIDE

SHOULDER RESTORATION SYSTEM™



CROWN-TIPPED GUIDE

Instrumentation Sets

Enhanced Access and Anchor Placement

The Y-Knot® Flex Anchor System features new instrumentation that can help to provide direct access to the surgical site and ensure ideal anchor placement. The curved, flexible instrumentation enables delivery around a curve and perpendicular access to the glenoid for posterior SLAP and inferior Bankart repairs, while our slim percutaneous guide eliminate the need for additional portals in some cases.

Standard Instrumentation

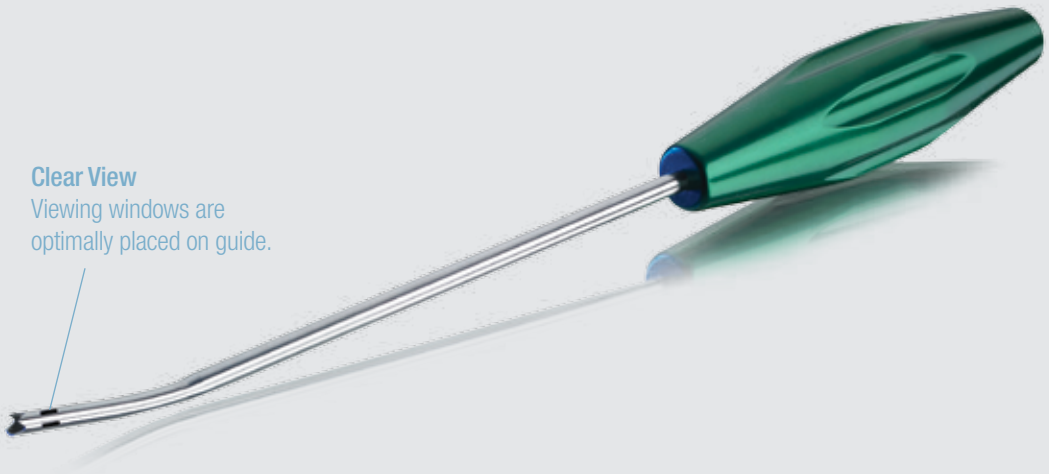
Fishmouth and crown-tipped guide configurations are available to facilitate anchor placement on the glenoid rim or face.

Robust and Precise

A solid shaft provides needed strength before tapering down to a narrow distal opening for precision anchor insertion.

Drill Bits

Each ultra-small drill bit is made of flexible nitinol and has a plastic disc at the proximal end to ensure proper drilling depth.



NEW

Curved Instrumentation

This reusable guide has a distal curve to provide improved, more perpendicular access to the repair site, especially for posterior SLAP and inferior Bankart repairs.

Percutaneous Delivery

The slim Y-Knot® Flex percutaneous T-guides can be introduced into the joint in a single step using the trocar stylet. They can alternatively be inserted using a traditional approach with a spinal needle, guide wire, and cannulated stylet.

Direct Access

The percutaneous T-Guides can be inserted in a single step or via a conventional percutaneous approach.

SHOULDER RESTORATION SYSTEM™

PERCUTANEOUS SET

ConMed
525 French Road, Utica, NY 13502

SHOULDER RESTORATION SYSTEM™

Ordering Information

	Description	Catalog Number
	Anchors	
	Y-Knot® Flex All-Suture Anchor, 1.3mm – One strand of #2 Hi-Fi® (1 white-blue)	Y1301
	Y-Knot Flex All-Suture Anchor, 1.8mm – Two strands of #2 Hi-Fi® (1 white-blue, 1 white-black)	Y1802
NEW	Y-Knot Flex All-Suture Anchor, 1.8mm – Two strands of #2 Hi-Fi® (1 blue, 1 white-black)	Y1802A
	Drill Bits	
	1.3mm Disposable Drill Bit	Y13D
	1.3mm Disposable Drill Bit, for Hard Bone	Y13DHB
	1.8mm Disposable Drill Bit	Y18D
	Standard Instrumentation	
	Drill Guide, Fishmouth, 1.3mm	Y-G001
	Drill Guide, Crown, 1.3mm	Y-G002
	Blunt Obturator	Y-G003
	Sharp Trocar	Y-G004
	Drill Guide, Fishmouth, 1.8mm	Y-G005
	Drill Guide, Crown, 1.8mm	Y-G006
	Curved Instrumentation	
	Curved Drill Guide, 1.3mm	Y-CG00
	Curved Guide, 1.8mm	Y-CG01
	Disposable Flexible Obturator, Blunt	Y-OBT1
	Disposable Flexible Trocar, Sharp	Y-OBT2
	Percutaneous Instrumentation	
	1.3mm Disposable Percutaneous Pack with T-Guide	Y-PERC13
	1.8mm Disposable Percutaneous Pack with T-Guide	Y-PERC18
	Disposable Percutaneous Pack for Y-G00x Slim Reusable Guides	Y-PERC
	Instrument Tray	C6178

Local 727-392-6464
Toll Free 1-800-237-0169
ConMed.com
customer_service@conmed.com

* Data on File