JuggerKnot® and JuggerKnotless®
Soft Anchor

All-Inclusive Brochure

ZIMMER BIOMET
Your progress. Our promise.
The Leader in All-Suture Anchors¹

Zimmer Biomet has completely redefined how soft tissue repair is performed with the design of the JuggerKnot Soft Anchor. An article published by PRWeb in March 2013 stated, “There are currently two major developments in the U.S. orthopedic device market that are making drastic impacts, both in the soft tissue and orthopedic biomaterials market. Due to technological innovations by the market leader Zimmer Biomet, patients with shoulder labrum tears or rotator cuff damage from sports or age-related injuries can now expect better quality restoration.”¹

The award winning JuggerKnot Soft anchor began with a 1.4 mm diameter, 100% suture based anchor system and has quickly evolved into a family of anchors that offer sizing options for many different procedures.
They’re Small
- The volume of bone that is removed with a 3.0 mm drill is equivalent to four JuggerKnot 1.4 mm anchor drill holes\(^9\)
- Reduces the removal of bone
- Smaller diameter drill size reduces the likelihood of intersecting anchor tunnels when placing multiple anchors
- Allows for multiple points of fixation when repairing soft tissue to bone

They’re Strong
- Strength is equal or greater than some anchors two or three times larger\(^2\)
- High pullout strength\(^3,4\)

They’re All-Suture
- Soft anchor deployment system with no rigid component
- Eliminates the possibility of rigid material loose bodies in the joint
- Allows blood to repair site
- Facilitates revision surgery

And Now They’re Knotless
- Ability to control anchor tension
- Built on the clinical history of the JuggerKnot Soft Anchor
- No hand tied knots
- JuggerKnotless demonstrated 57 lbs of pullout strength\(^5\)
First All-Suture Knotless Anchor

The clinical experience of the JuggerKnot Soft Anchor and innovative knotless design of the ZipLoop™ Technology has paved the foundation for the development of the JuggerKnotless Soft Anchor.

The JuggerKnotless Soft Anchor is designed for the reattachment of soft tissue to bone without the hassle of tying surgical knots. It is the first all-suture knotless anchor on the market. The design of the anchor allows surgeons the ability to control the tension of the anchor with their hands. In addition, this design provides for a one size fits all option, which may reduce the need to carry multiple sizes in inventory.
JuggerKnotless Soft Anchor 2.1 mm

57 lbs anchor pullout strength

Loaded with a #1 MaxBraid™ Suture

Custom braid polyester sleeve

Surgical Technique available for:
- Labral Repair

Instrumentation and Ordering Information for JuggerKnotless Soft Anchor 2.1 mm can be found on pages 16–17.
JuggerKnot Soft Anchor 1.4 mm

54 lbs anchor pullout strength

Loaded with a #1 MaxBraid Suture

#5 polyester sleeve

Most Commonly Used

Surgical Technique available for:

- Labral Repair
- Curved Delivery for Bankart/SLAP Lesion Repair
- Percutaneous Instrumentation for Low Profile/Trans-Cuff SLAP Repair

Instrumentation and Ordering Information for JuggerKnot Soft Anchor 1.4 mm can be found on pages 18–19.
**JuggerKnot Soft Anchor 1.5 mm**

- **65 lbs anchor pullout strength**
- Loaded with a #2 MaxBraid Suture
- #6 polyester sleeve

**Surgical Technique available for:**
- Curved Delivery for Bankart/SLAP Lesion Repair
- Percutaneous Instrumentation for Low Profile/Trans-Cuff SLAP Repair
- Percutaneous Instrumentation for Low Profile/Trans-Cuff PASTA Repair

Instrumentation and Ordering Information for JuggerKnot Soft Anchor 1.5 mm can be found on pages 18–19.
JuggerKnot Soft Anchor 2.9 mm

Surgical Technique available for:
- Arthroscopic and Mini-Open Rotator Cuff Repair

Instrumentation and Ordering Information for JuggerKnot Soft Anchor 2.9 mm can be found on pages 20–21.
JuggerKnot Soft Anchor 2.9 mm with Needles

Surgical Technique available for:
- Arthroscopic and Mini-Open Rotator Cuff Repair

Instrumentation and Ordering Information for JuggerKnot Soft Anchor 2.9 mm with Needles can be found on pages 20–21.
JuggerKnot Soft Anchor 1.0 mm Mini

**Surgical Technique available for:**

- Scapholunate Ligament Repair
- Ulnar Collateral Ligament Repair

Instrumentation and Ordering Information for JuggerKnot Soft Anchor 1.0 mm Mini can be found on pages 22–23.
JuggerKnot 1.45 mm Long Soft Anchor

- 70 lbs anchor pullout strength with #2 suture
- 49 lbs anchor pullout strength with #1 suture

Loaded with a #1 white/blue or #2 blue MaxBraid Suture

#6 polyester sleeve

Surgical Technique available for:
- Hip Acetabular Labral Repair

Instrumentation and Ordering Information for JuggerKnot 1.45 mm Long Soft Anchor can be found on pages 22–23.
JuggerKnot Soft Anchor 1.4 mm Short

Surgical Technique available for:
- Lateral Epicondylitis Repair
- Midfoot Repair
- Lateral Ankle Repair
- Anchilles Tendon Repair

Instrumentation and Ordering Information for JuggerKnot Soft Anchor 1.4 mm Short can be found on pages 24–25.
JuggerKnot Soft Anchor 1.45 mm Short Rigid

52 lbs anchor pullout strength with #1 suture

78 lbs anchor pullout strength with #2 suture

#5 tapered needles

Loaded with a #1 blue/white or #2 blue MaxBraid Suture

#5 polyester sleeve

Instrumentation and Ordering Information for JuggerKnot Soft Anchor 1.45 mm Short Rigid can be found on page 24–25.
JuggerKnotless Soft Anchor 2.1 mm Instrumentation

2.1 mm Disposable Kit

- JuggerKnotless Disposable Kit

2.1 mm Reusable Instruments

- Reusable Low Profile Obturator
- Reusable Low Profile Trocar
- Reusable Low Profile Four-Prong Guide
- Reusable Low Profile Fishmouth Guide

Fishmouth Guide

Four-Prong Guide
## Ordering Information

### Implants

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### Instrumentation

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<td>JuggerKnotless Disposable Kit</td>
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<td>JuggerKnotless Reusable Low Profile Fishmouth Guide</td>
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<td>JuggerKnotless Reusable Low Profile Four-Prong Guide</td>
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JuggerKnot Soft Anchor 1.4 mm and 1.5 mm Instrumentation

1.4/1.5 mm Curved Instrumentation
- 23° curvature
- Ability to drill a hole perpendicular to bone surface at anchor site
- Allows anchor to be placed through interval portals without compromising the rotator cuff.
- Kit also available with Straight Guide

1.4/1.5 mm Percutaneous Instrumentation
- Allows anchor to be inserted into the skin through a 2.4 mm diameter guide, minimizing tissue trauma
- Allows for multiple access points for labral tear repair
- No need for cannula

1.4/1.5 mm Centering Sleeve Instrumentation
- Assists with consistent anchor placement via the curved guide by centering anchors in the drill hole

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# Ordering Information

## Implants

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## Instrumentation

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<td>Percutaneous Trocar</td>
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JuggerKnot Soft Anchor 2.9 mm with and without Needles Instrumentation

2.9 mm/2.9 mm with Needles Instrumentation
- 2.9 mm and 2.9 with Needles In Guide Punch
- 2.9 mm with Needles Reusable Short Guide

2.9 mm Instrumentation
- 2.9 mm Disposable Guide
- 2.9 mm Reusable Guide
- 2.9 mm Disposable Kit
## Ordering Information

### Implants

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### Instrumentation

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JuggerKnot Soft 1.0 mm Mini and 1.45 mm Long Anchor Instrumentation

1.0 mm Mini Instrumentation
- Drill Bit

1.45 mm Long Anchor Instrumentation
- Straight Guide
- Flexible Drill Bit
- Rigid Drill Bit (Large Shank)

1.45 mm Long Anchor Curved Instrumentation
- Curved Guide
- Centering Sleeve
## Ordering Information

### Implants

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JuggerKnot Soft 1.4 mm Short and 1.45 mm Short Rigid Instrumentation

1.4 mm Short Instrumentation

- Reusable Slotted Guide
- Disposable Slotted Guide

1.45 mm Short Rigid Instrumentation

- No guide allowing surgeon the ability to control depth of anchor insertion.
- Drill Bit
## Ordering Information

### Implants

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JuggerKnot Soft Anchor

INDICATIONS FOR USE
Intended for soft tissue to bone fixation for the following Indications:

Shoulder
- Bankart lesion repair
- S.L.A.P. lesion repair
- Acromio-clavicular repair
- Capsular shift / capsulolabral reconstruction
- Deltoïd repair
- Rotator cuff tear repair
- Biceps tenodesis

Elbow
- Ulnar or radial collateral ligament reconstruction
- Lateral epicondyloïtis repair
- Biceps tendon reattachment

Hand and Wrist
- Collateral ligament repair
- Scapholunate ligament reconstruction
- Tendon transfers in phalanx
- Volar plate reconstruction

Hip
- Acetabular labral repair

Knee
- Extra-capsular repair: MCL, LCL, and posterior oblique ligament
- Iliotibial band tenodesis
- Patellar tendon repair
- VMO advancement
- Joint capsule closure

Foot and Ankle
- Medial / lateral repair and reconstruction
- Mid- and forefoot repair
- Hallux valgus reconstruction
- Metatarsal ligament/tendon repair or reconstruction
- Achilles tendon repair

JuggerKnot Mini Soft Anchor

INDICATIONS FOR USE
Intended for soft tissue to bone fixation for the following Indications:

Shoulder
- Bankart repair

Hand and Wrist
- Ulnar or lateral collateral ligament reconstruction
- Repair/reconstruction of collateral ligaments
- Flexor and extensor tendon at the PIP, DIP, and MCP joints for all digits.
- Scapholunate ligament reconstruction

Foot and Ankle
- Midfoot reconstruction
- Hallux valgus reconstruction

JuggerKnotless Soft Anchor

INDICATIONS FOR USE
Indicated for soft tissue reattachment procedures for the following indications:

Shoulder
- Acromio-clavicular Separation
- Anterior Shoulder Instability Repair
- Bankart lesion repair
- Biceps tenodesis
- Capsule Repair or Capsulolabral Reconstruction
- Deltoïd Repair
- Rotator Cuff Repair
- S.L.A.P. Lesion Repair

Elbow
- Biceps Tendon Reattachment
- Biceps Tendon Reconstruction
- Lateral/Medial Repairs
- Lateral Epicondyloïtis Repair (Tennis Elbow Repair)
- Ulnar & Radial Collateral Ligament Reconstruction

Hand and Wrist
- Collateral Ligament Repair (Gamekeeper’s Thumb)
- Scapholunate Ligament Reconstruction
- Tendon Transfers in Phalanx
- Volar Plate Reconstruction

Hip
- Labral

Knee
- Iliotibial Band Tenodesis
- Joint Capsule Closure
- Lateral/Medial Collateral Ligament Repair
- Patellar Ligament Repair
- Patellar Tendon Repair
- Patellar Realignment/Repair
- Posterior Oblique/Ligament Repair
- VMO Advancement

Foot and Ankle
- Medial / lateral stabilization repairs and reconstruction
- Mid- and forefoot reconstruction/repairs
- Hallux valgus reconstruction
- Achilles tendon repair/reconstruction

CONTRAINDICATIONS
- Infection.
- Patient conditions including blood supply limitations and insufficient quantity or quality of bone or soft tissue.
- Patients with mental or neurologic conditions who are unwilling or incapable of following post operative care instructions or patients who are otherwise unwilling or incapable of doing so.
- Foreign Body sensitivity. Where material sensitivity is suspected, testing is to be completed prior to implantation of device.
Notes
References


