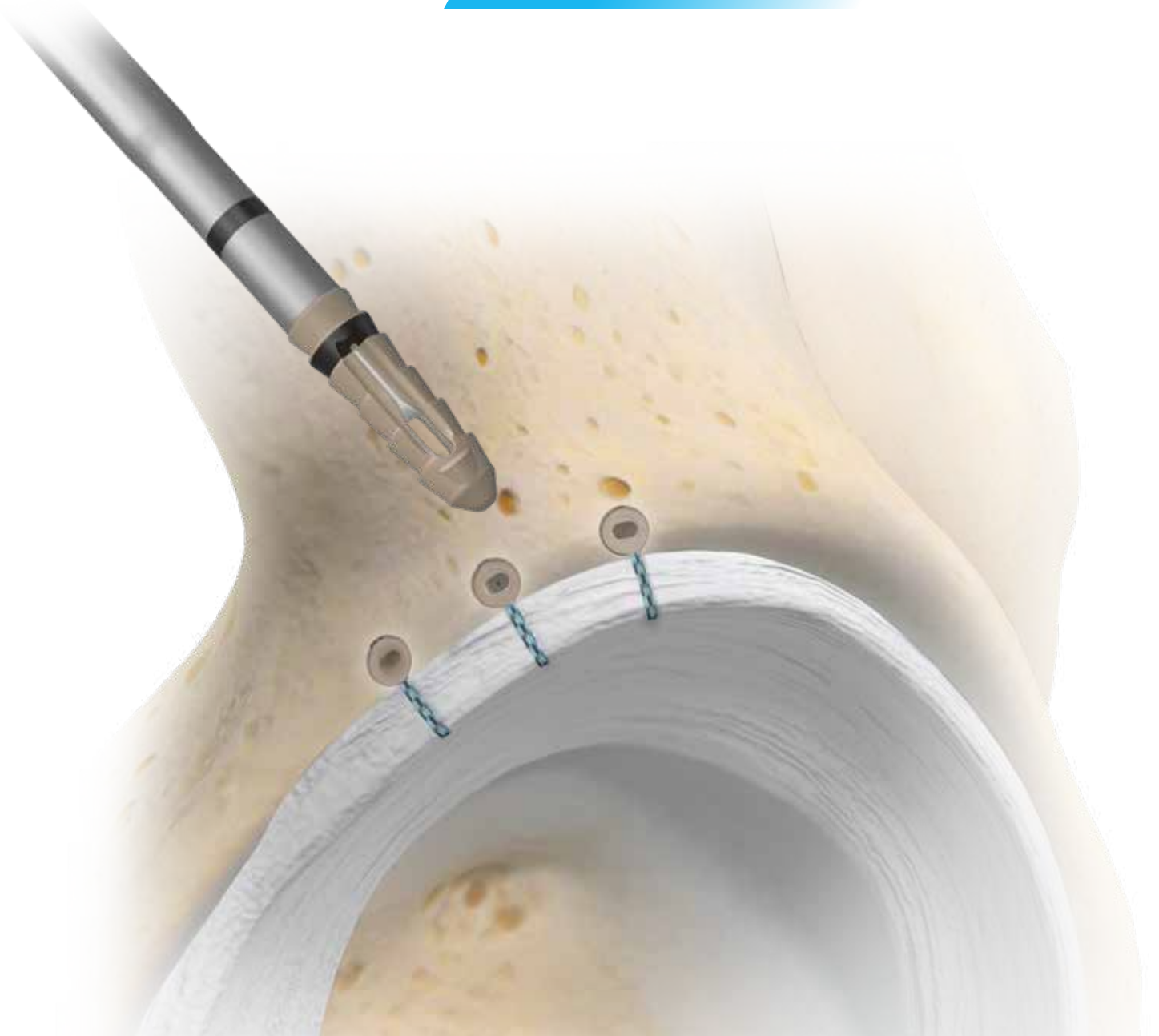


# Betta Link LG 2.9 mm Knotless Anchor

Hip Labral Repair

Surgical Technique

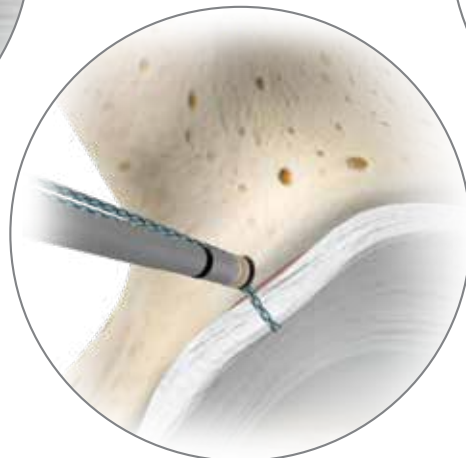
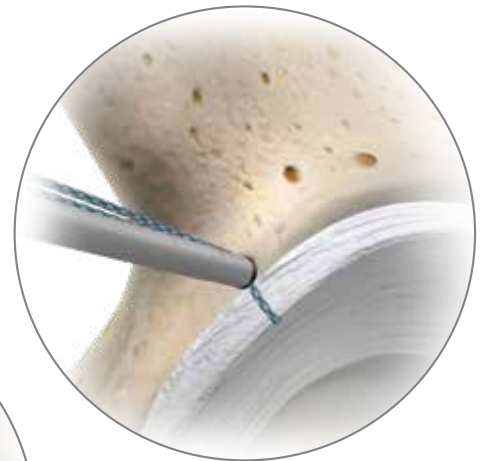
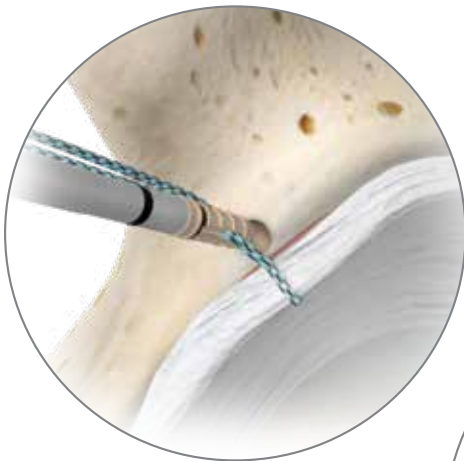




## Betta Link LG 2.9 mm Knotless Anchor

The Betta Link LG Knotless Anchor is designed to bring control and efficiency to hip labral repair. The unique suture eyelet and cleat design allows for surgeon controlled tensioning after anchor insertion.

The Betta Link LG Knotless Anchor is designed with the ability to accept either round suture or suture tape.





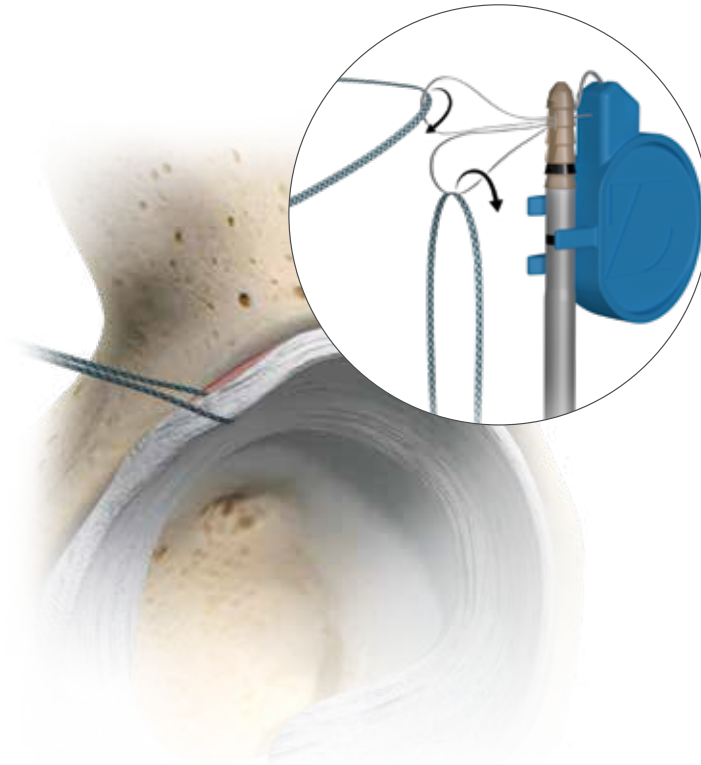


Figure 1

## **Betta Link LG Knotless Anchor – Hip Labral Repair**

### **Step 1**

Using a shaver, debride the torn labrum leaving as much healthy tissue as possible. Identify the labral tear and prepare the acetabular rim for placement of the suture anchor(s). Take care to minimize any rim resection in cases of borderline dysplasia.

Pass a BroadBand™ Tape or a MaxBraid™ Suture through the labrum at the desired location utilizing the SpeedSnare™ Suture passer. Retrieve the suture limbs through the anchor insertion cannula (Figure 1).

### **Step 2**

Load the suture limbs through the suture snare and pull the snare tab to thread the suture limbs through the anchor eyelet (see inset image). Once loaded, place a hemostat on the suture limbs to hold sutures in the anchor while drilling the bone socket.



Figure 2

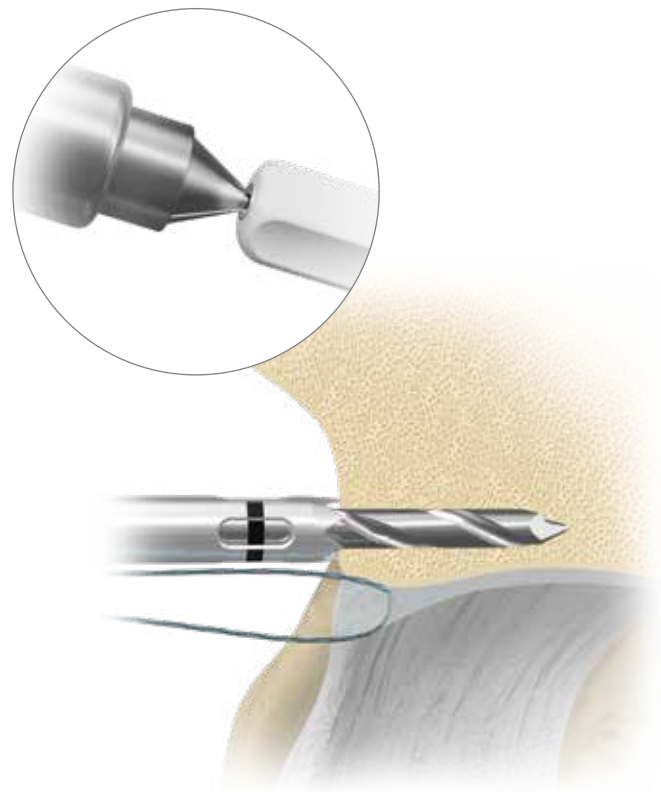


Figure 3

### Step 3

Place the drill guide through the cannula with the passed suture and place onto the acetabular rim at the desired insertion site with the center window facing the bone cavity. Maintain alignment and position of the drill guide on the acetabular rim (Figure 2).

### Step 4

Insert the Betta Link LG drill bit into a power drill to the laser-etch line. Fully advance the drill through the proximal end of the drill guide and drill until the drill contacts the drill guide handle (Figure 3).



Figure 4



Figure 5

### **Step 5**

Remove the drill and drill guide. Immediately insert the Betta Link 2.9 mm to maintain bone socket location.

### **Step 6**

While maintaining proper axial alignment of the inserter and light tension on the suture limbs, advance the anchor into the bone socket. Confirm the anchor eyelet position is facing the location of the passed stitch. The free ends of suture must be placed on the side of the anchor away from the acetabulum (Figure 4).

### **Step 7**

Mallet the proximal end of the inserter handle until the first marker band on the anchor is flush with the bone surface (Figure 4 and 5).

### **Step 8**

Apply light forward pressure on the inserter handle and tension each suture limb individually until the tissue is approximated to the proper location (Figure 5).



Figure 6



Figure 7

### **Step 9**

Rotate the inserter's blue knob clockwise until the first snap sounds, approximately a half turn (Figure 6). Mallet to the second marker band on the inserter shaft (Figure 7).



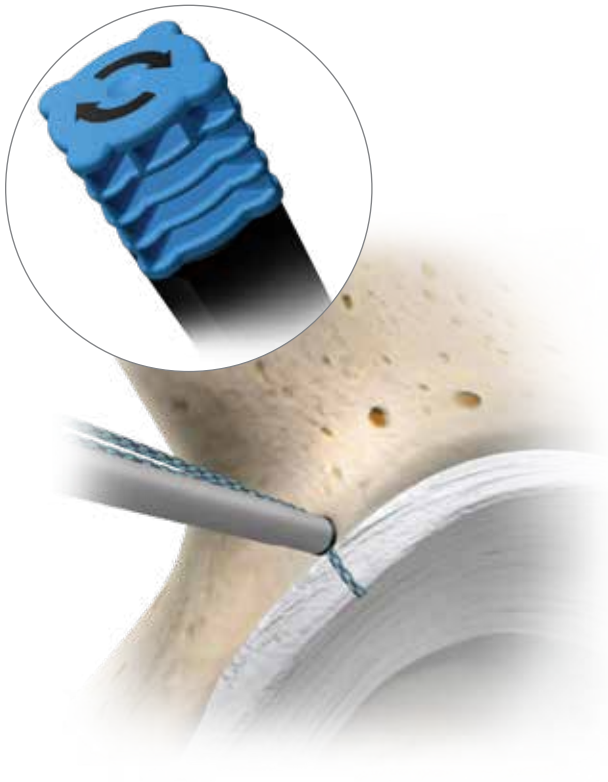


Figure 8

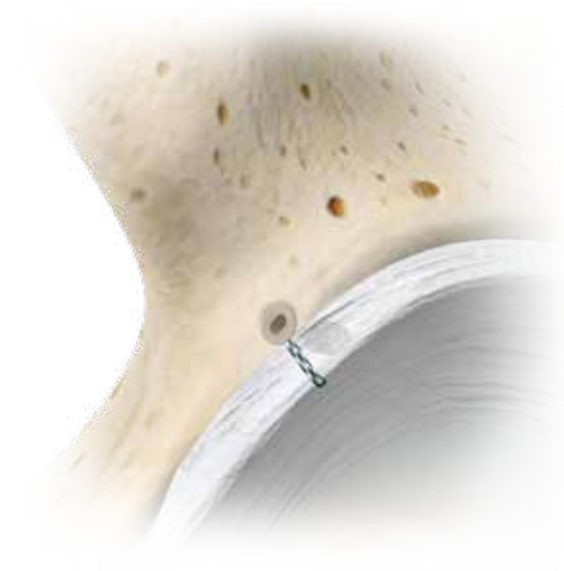


Figure 9

**Step 10**

Rotate the blue knob clockwise until the second snap sounds. Gently pull axially on the inserter to release and discard the inserter (Figure 8).

**Step 11**

Cut the remaining suture limbs. Repeat steps for additional anchors (Figure 9).

## Ordering Information

### Betta Link LG Implant Kit

Description	Contents	Part Number
Betta Link LG Knotless Hip Implant Kit	1 Implant 1 Four-Pronged Guide 1 Hard Bone Drill Bit	110045160

### Betta Link LG Anchor

Description	Part Number
Betta Link LG Knotless Hip Implant Only	110045155

### Betta Link LG Disposables

Description	Part Number
Betta Link LG Disposable Hard Bone Drill Bit	110045158

### Betta Link LG Instruments

Description	Part Number
Betta Link LG Reusable Four-Prong Guide Hip	110045156
Betta Link LG Reusable Fishmouth Guide Hip	110045157
Betta Link LG Reusable Obturator Hip	110045219

### BroadBand Tape Suture

Description	Part Number
BroadBand 1.5mm Tape Two-Pack: (1)Black/Blue Tape, (1) Black Tape	CM-0322

### BroadBand Mini Loop

Description	Part Number
1.5mm Blue 3" Tape Loop, 27" Tape Tail	CM-0303
1.5mm Black 3" Tape Loop, 27" Tape Tail	CM-0304
1.5mm Blue 5" Tape Loop, 20" #2 Suture Tail	CM-0301
1.5mm Black/Blue 5" Tape Loop, 20" #2 Suture Tail	CM-0302

### MaxBraid Suture

Description	Part Number
MaxBraid #2 Suture Two-Pack: (1) Black/Blue, (1) Blue	CM-0222

**INDICATIONS FOR USE**

The Betta Link™ Knotless Anchor System is intended for use in soft tissue to bone fixation in the repair of the natural ligament or tendon disruption or to assist in reconstruction surgeries.

Specific indications are: foot, ankle, knee, hip, hand, wrist, elbow and shoulder.

**CONTRAINDICATIONS**

The Betta Link™ Knotless Anchor System is NOT intended for use where one or more of the following conditions exist:

- Insufficient quality or quantity of bone that would compromise secure anchor fixation.
- Inadequate quality of bone that would compromise secure anchor fixation.
- Pathological conditions of the bone that would compromise secure anchor fixation.
- Physical conditions that would retard healing, such as blood supply limitation, previous infections etc.
- Any active infections.
- Attachment of artificial ligaments or other implants.
- Conditions which tend to limit the patient's ability or willingness to follow instructions during the healing period.
- The use of this device may not be suitable for patients with insufficient or immature bone. The physician should carefully assess the bone quality before performing orthopedic surgery on patients who are skeletally immature. The use of this device and the placement of hardware or implants must not bridge, disturb, or disrupt the growth plate.

**BroadBand™ Tape & MaxBraid™ Suture**

**INDICATIONS:** BroadBand™ / MaxBraid™ sutures are indicated for use in general soft tissue approximation and/or ligation and the use of allograft tissues for orthopedic surgeries, but are not for use in cardiovascular procedures. BroadBand™ / MaxBraid™ sutures are intended for one-time use only, and are not to be re-sterilized.

**CONTRAINDICATIONS:** None known.

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Zimmer Biomet does not practice medicine. This technique was developed in conjunction with health care professionals. This document is intended for surgeons and is not intended for laypersons.

Riverpoint Medical is the legal manufacturer of BroadBand Tape & MaxBraid Suture.

T.A.G. Medical Products is the legal manufacturer of the Betta Link anchor.

Each surgeon should exercise his or her own independent judgment in the diagnosis and treatment of an individual patient, and this information does not purport to replace the comprehensive training surgeons have received. As with all surgical procedures, the technique used in each case will depend on the surgeon's medical judgment as the best treatment for each patient. Results will vary based on health, weight, activity and other variables. Not all patients are candidates for this product and/or procedure. Caution: Federal (USA) law restricts this device to sale by or on the order of a surgeon. Rx only.



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