

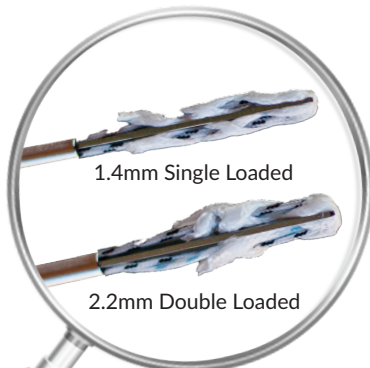
SureLock™

All - Suture Anchor System

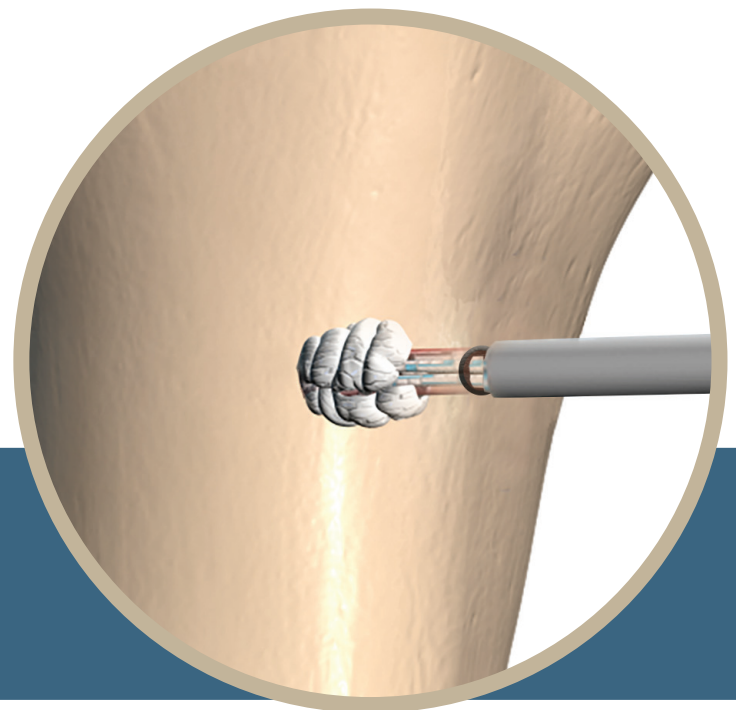
Subpectoral Biceps Tenodesis Surgical Technique

The SureLock™ inserter-controlled deployment method consistently deploys the anchor beneath the cortex for a strong and reproducible subpectoral repair.

SureLock™ All-Suture Anchor



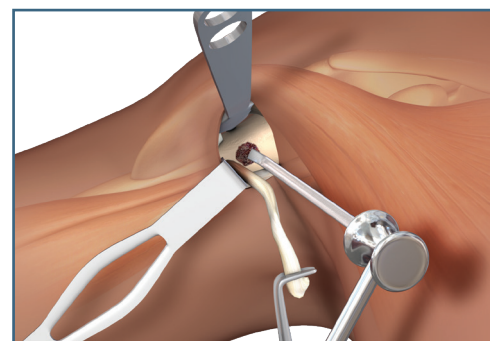
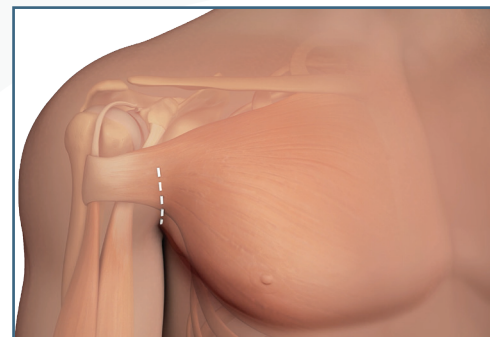
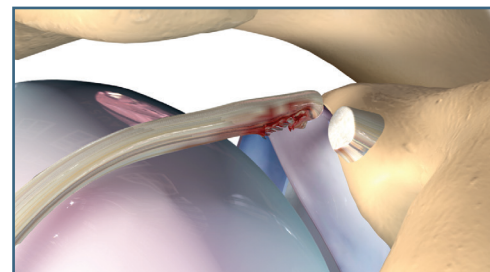
SureLock™
All-Suture Anchor



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Arthroscopy and Subpectoral Dissection

- 1 Perform shoulder arthroscopy to tenotomize biceps tendon.
- 2 Mark a vertical skin incision along anterior axillary fold with shoulder in adduction (for cosmetic incision). Then abduct and internally rotate shoulder to relax pec major and obtain visualization of anterior humerus.
- 3 Make a 3cm incision through the skin down to pec major fascia.
- 4 Identify inferior border of pec major and bluntly dissect to lateral humerus inferior to pec major (finger sweeping). Place blunt retractor over lateral aspect of humerus to retract pec major. Place another retractor infero-medially to visualize biceps tendon.
- 5 Identify biceps tendon with a 90 degree clamp and remove tendon from the incision.
- 6 Prepare anterior humerus at inferior biceps groove:
 - 6a Bovie to remove periosteum.
 - 6b ¼ inch curved osteotome to scathe tenodesis site.



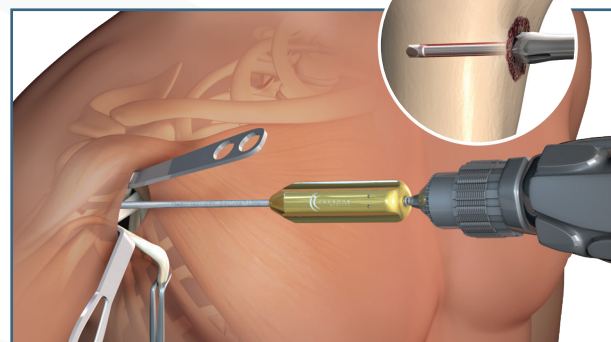
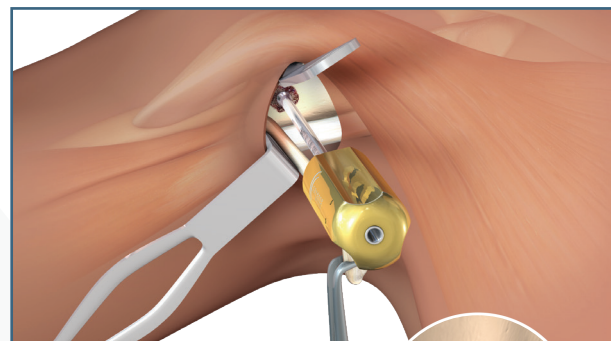
Note: This creates bleeding bed and roughened surface for biceps tendon.

Anchor Insertion and Deployment

- 1 Place the SureLock™ Drill Guide on the bone surface just inferior to biceps groove. Establish appropriate alignment and position of the implantation site.
- 2 Insert the SureLock™ Drill into the proximal end of the drill guide.

Note: The SureLock™ Drill Guide must be used when drilling the pilot hole.

- 3 While holding the drill guide steady on the bone surface, create a pilot hole by drilling until the stop collar on the drill contacts the proximal end of the guide.

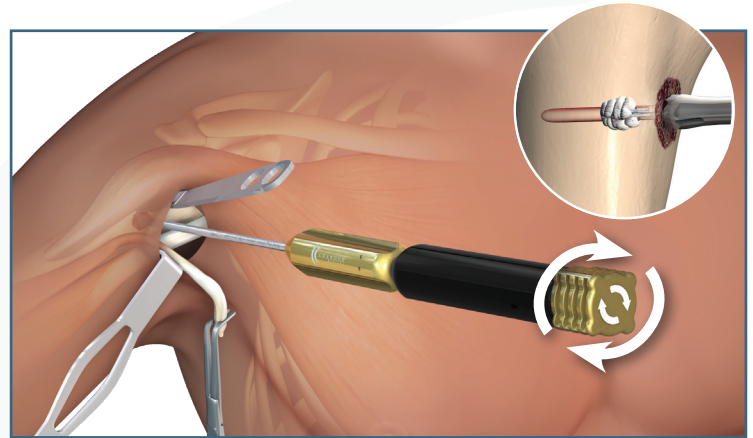


Subpectoral Biceps Tenodesis Surgical Technique

- 4 Remove the drill while maintaining alignment and position of the drill guide on the bone surface. This will allow for easy insertion of the SureLock™ All-Suture Anchor.
- 5 Insert the SureLock™ anchor into the proximal end of the drill guide. Lightly mallet the anchor into the pilot hole until the inserter handle comes into contact with the proximal end of the drill guide.

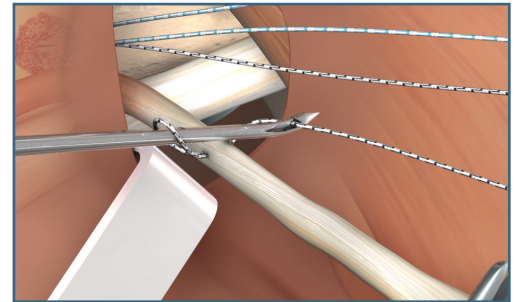
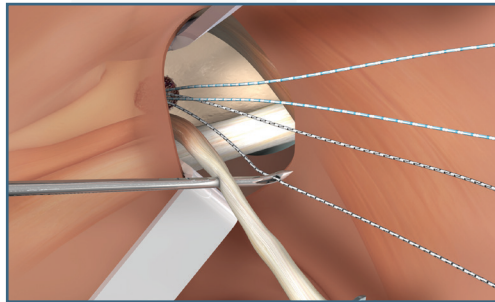
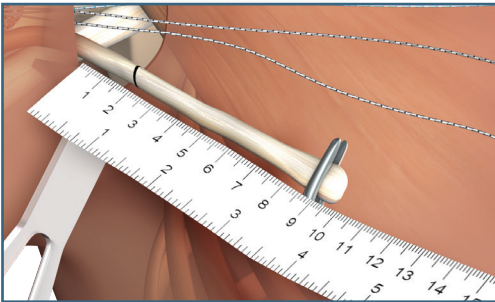
Note: The SureLock™ Drill Guide must be used for proper deployment and fixation of the SureLock™ All-Suture Anchor.

- 6 Turn the deployment knob on the proximal end of the inserter clockwise until it stops.
- 7 Pull back slowly on the inserter handle to release the inserter from the anchor. Remove the drill guide.



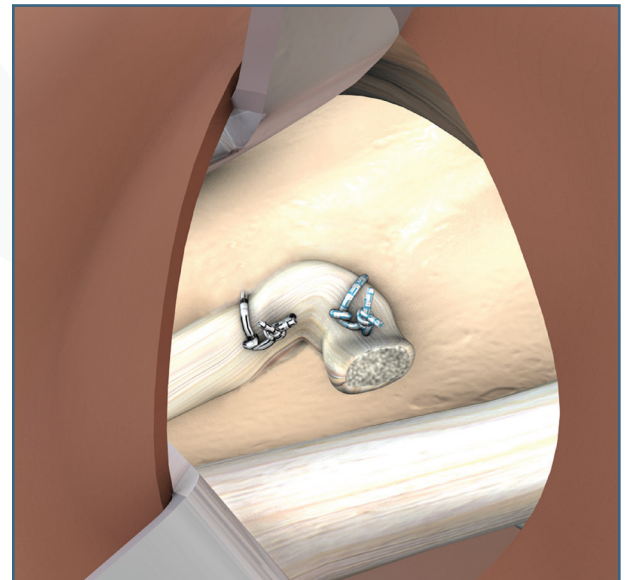
Lasso Loop Technique

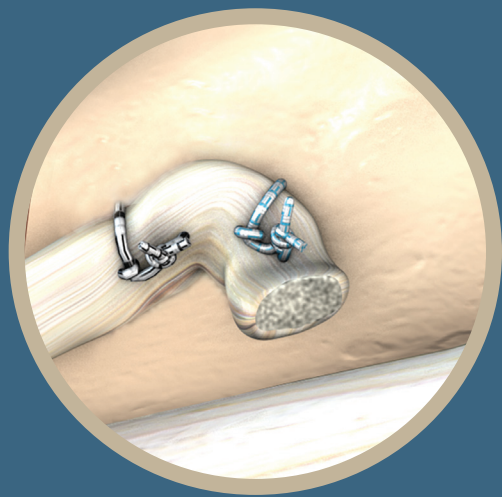
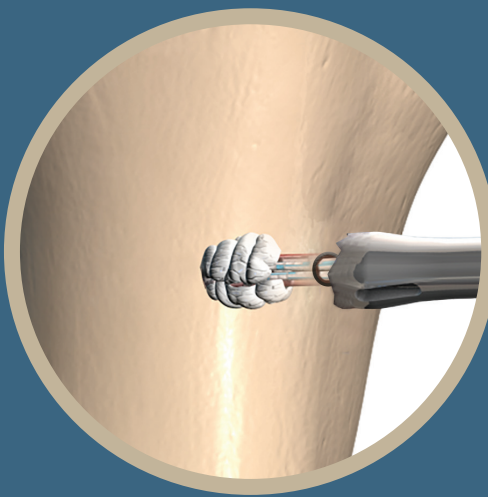
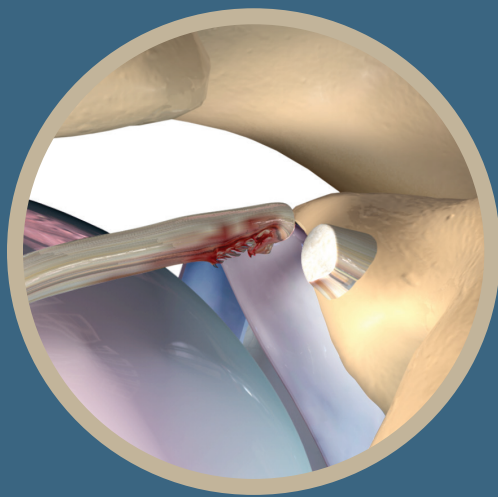
- 1 Place lasso loop stitch in the biceps tendon. Use a free needle on the end of the SureLock All-Suture Anchor sutures. Start 2 cm proximal to musculotendinous junction for appropriate tension. Repeat stitch for second set of suture strands.



- 2 Pull the first free suture to advance tendon to anchor and tie. Repeat for second lasso stitch.
- 3 Trim excess suture. Resect residual biceps tendon.

- 4 Closure:
 - 4a Irrigate.
 - 4b 0 vicryl suture for deep, 3-0 monocryl subcutaneous tissue, and skin closure device.
 - 4c Sterile dressing.





SureLock™ All-Suture Anchors (*Sterile*)

CM-9614F SureLock™ All-Suture Anchor, 1.4mm pre-loaded w/(1) Size 2 UHMWPE Suture, Flexible Insertor

CM-9622F SureLock™ All-Suture Anchor, 2.2mm pre-loaded w/(2) Size 2 UHMWPE Suture, Flexible Insertor

SureLock™ Disposable Instruments (*Sterile*)

CM-9620 Drill, for 2.2mm SureLock™ All-Suture Anchor

CM-9620S Drill, with Centering Sleeve, for 2.2mm SureLock™ All-Suture Anchor

CM-9640 Drill, for 1.4mm SureLock™ All-Suture Anchor

CM-9640S Drill, with Centering Sleeve, for 1.4mm SureLock™ All-Suture Anchor

SureLock™ Instruments (*Non-Sterile*)

CM-9621 Obturator, for 2.2mm SureLock™ All-Suture Anchor

CM-9623 Drill Guide (straight), for 2.2mm SureLock™ All-Suture Anchor

CM-9625 Drill Guide (curved 25°), for 2.2mm SureLock™ All-Suture Anchor

CM-9641 Obturator, for 1.4mm SureLock™ All-Suture Anchor

CM-9643 Drill Guide (straight), for 1.4mm SureLock™ All-Suture Anchor

CM-9645 Drill Guide (curved 25°), for 1.4mm SureLock™ All-Suture Anchor

☾ Surgical technique described by Anup A. Shah, M.D.

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Contact Cayenne Medical for order information