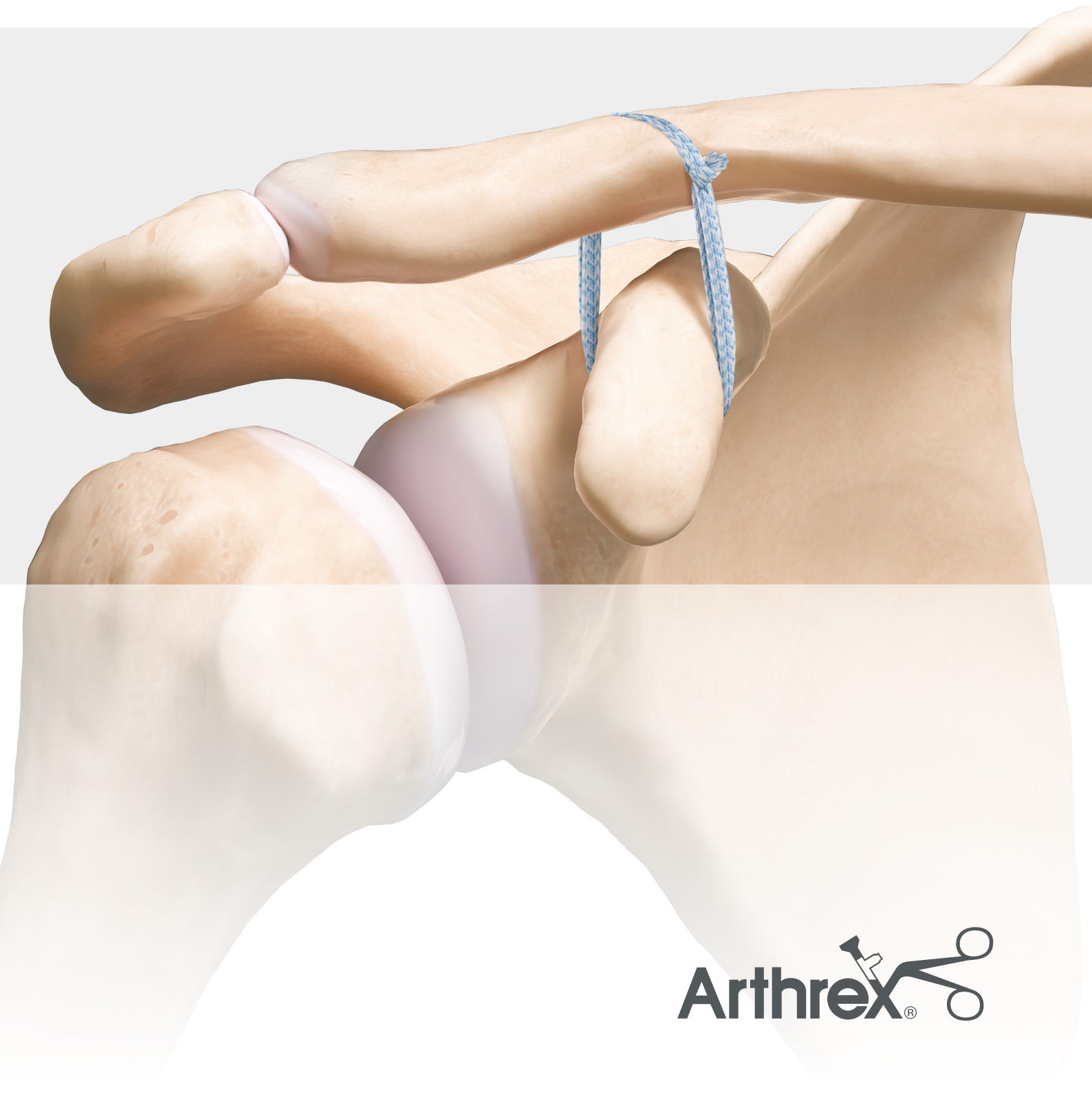


AC FiberTape[®] Cerclage

Surgical Technique



FiberTape® Cerclage AC Implant System

The FiberTape cerclage suture can eliminate the need to drill clavicle and/or coracoid tunnels for AC repair.

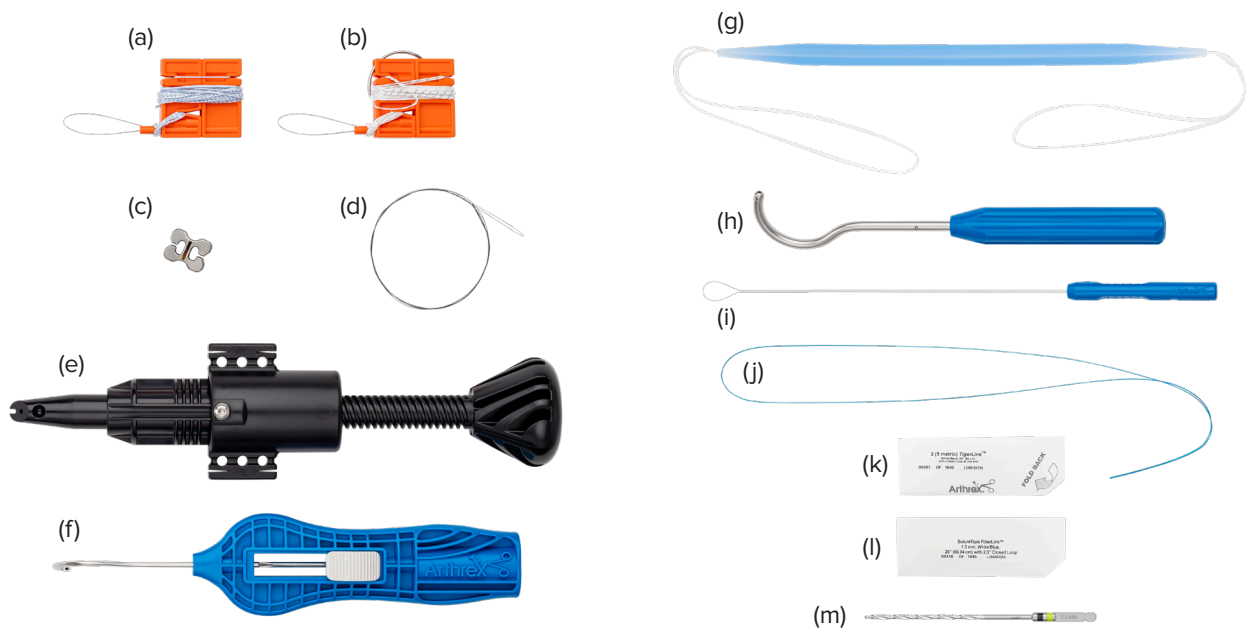
The system offers a convenient kit that includes a complete set of instruments and implants for performing various AC cerclage techniques.



Key Features

- Two cerclage sutures combined with a Dog Bone™ button to allow for different constructs
- Multiple suture shuttling and passing options for the coracoid and clavicle
- Disposable cerclage tensioner allows for controlled clavicle reduction
- Ultimate load >1500 N¹

Implant System Contents



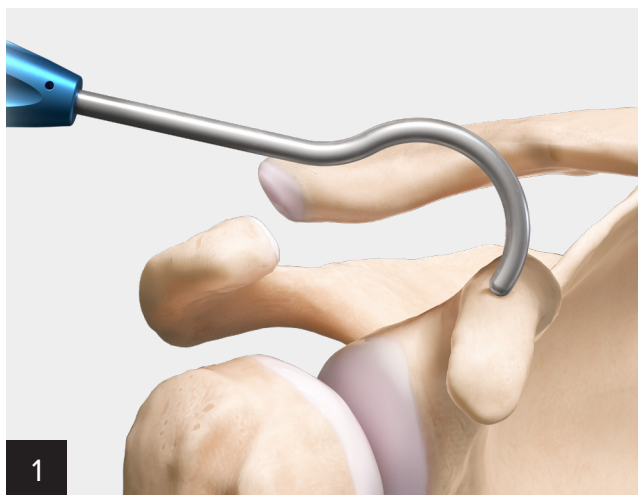
Implants

- (a) FiberTape cerclage
- (b) TigerTape™ cerclage w/ blunt needle
- (c) Dog Bone™ button

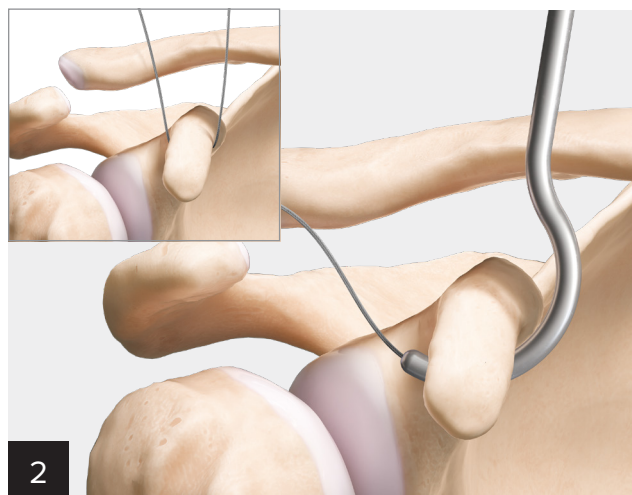
Instruments

- (d) SutureLasso™ wire loop
- (e) Single-Use cerclage tensioner
- (f) Small cerclage passer
- (g) Flexible obturator
- (h) Disposable AC passer
- (i) Transosseous suture passer
- (j) MegaLoader
- (k) TigerLink™ suture
- (l) FiberLink™ SutureTape
- (m) 2.4 mm drill bit

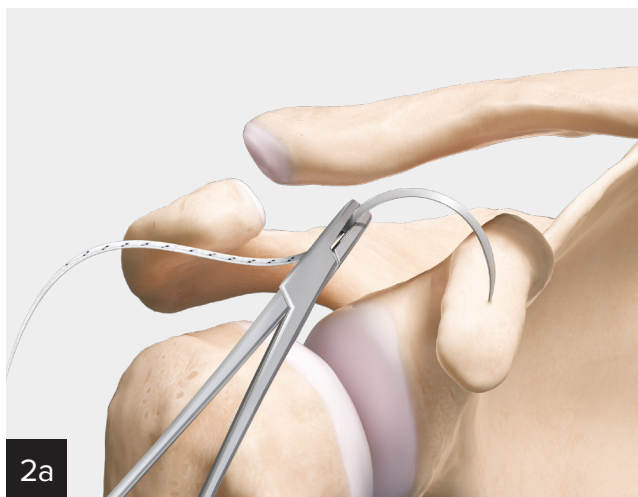
AC Cerclage Surgical Technique



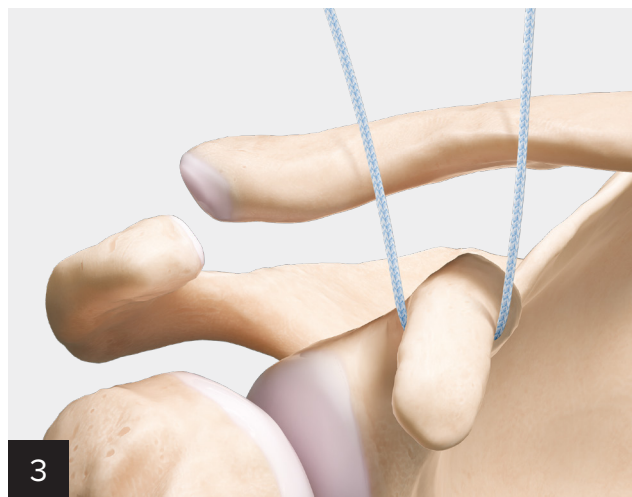
Use the coracoid passer to find the top of the coracoid. Staying on bone, slide the tip around the medial side. Lift the handle to advance the tip so it points laterally.



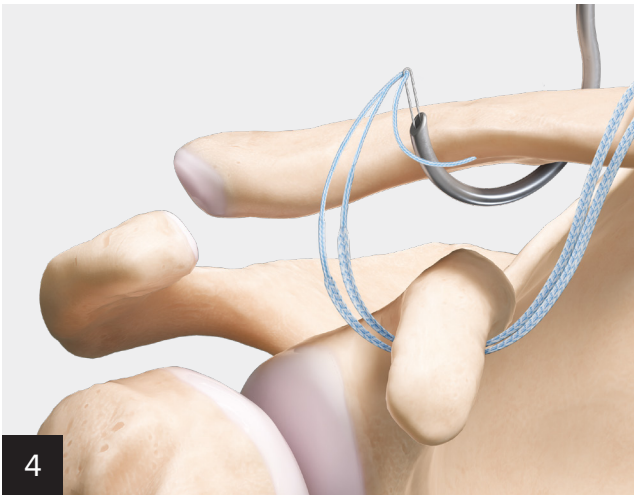
Pass the SutureLasso wire loop through the cannulation. Retrieve the wire and remove the passer. The FiberLink™ SutureTape can then be shuttled with the nitinol wire.



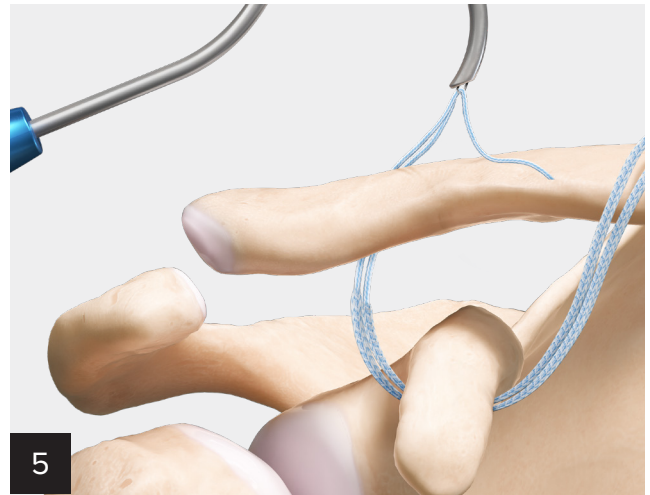
Alternatively, the blunt needle on the TigerTape™ cerclage suture can be used to pass medial to lateral around the coracoid.



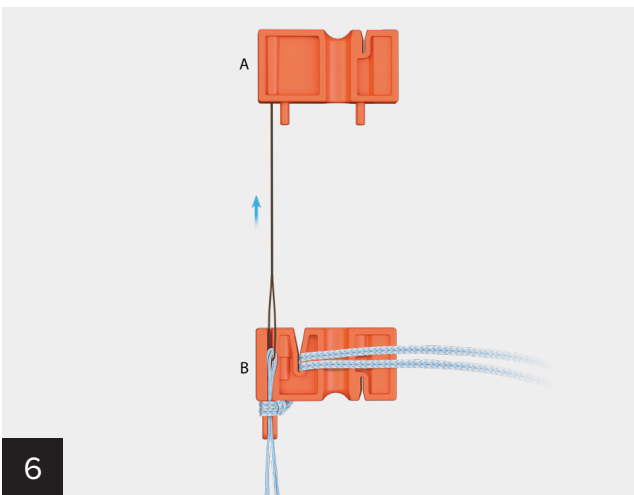
Use the SutureLasso wire loop or FiberLink SutureTape to shuttle the FiberTape® cerclage suture around the coracoid process.



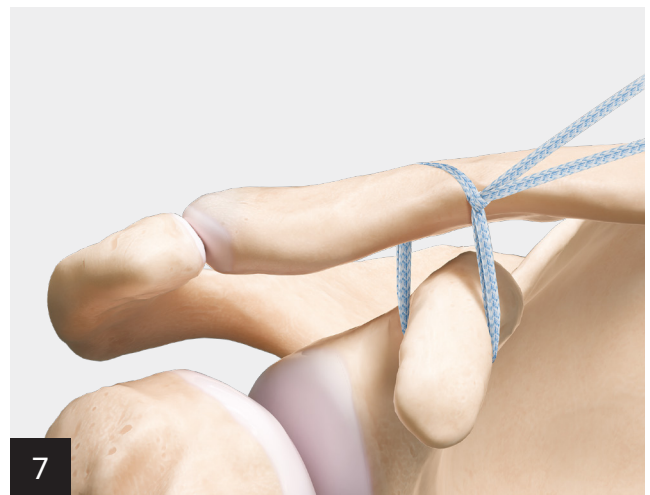
Pass the small cerclage passer posterior to anterior under the clavicle. Extend the wire and load the end of the FiberTape® cerclage suture into the passer.



Shuttle the cerclage suture posterior around the clavicle.

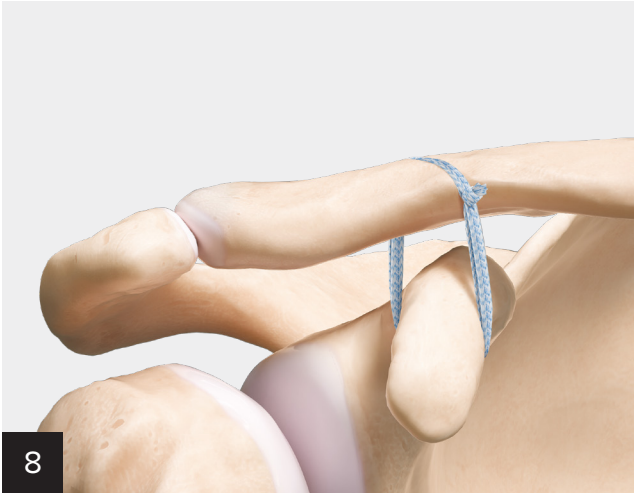


Place the FiberTape suture tails into the nitinol loop attached to the loading device. Separate the two tabs of the loader (labeled A and B), pulling the nitinol loop and the FiberTape suture tails through the knot. Once the tails are through the knot, unclasp the remaining suture and remove the knot from the loader.

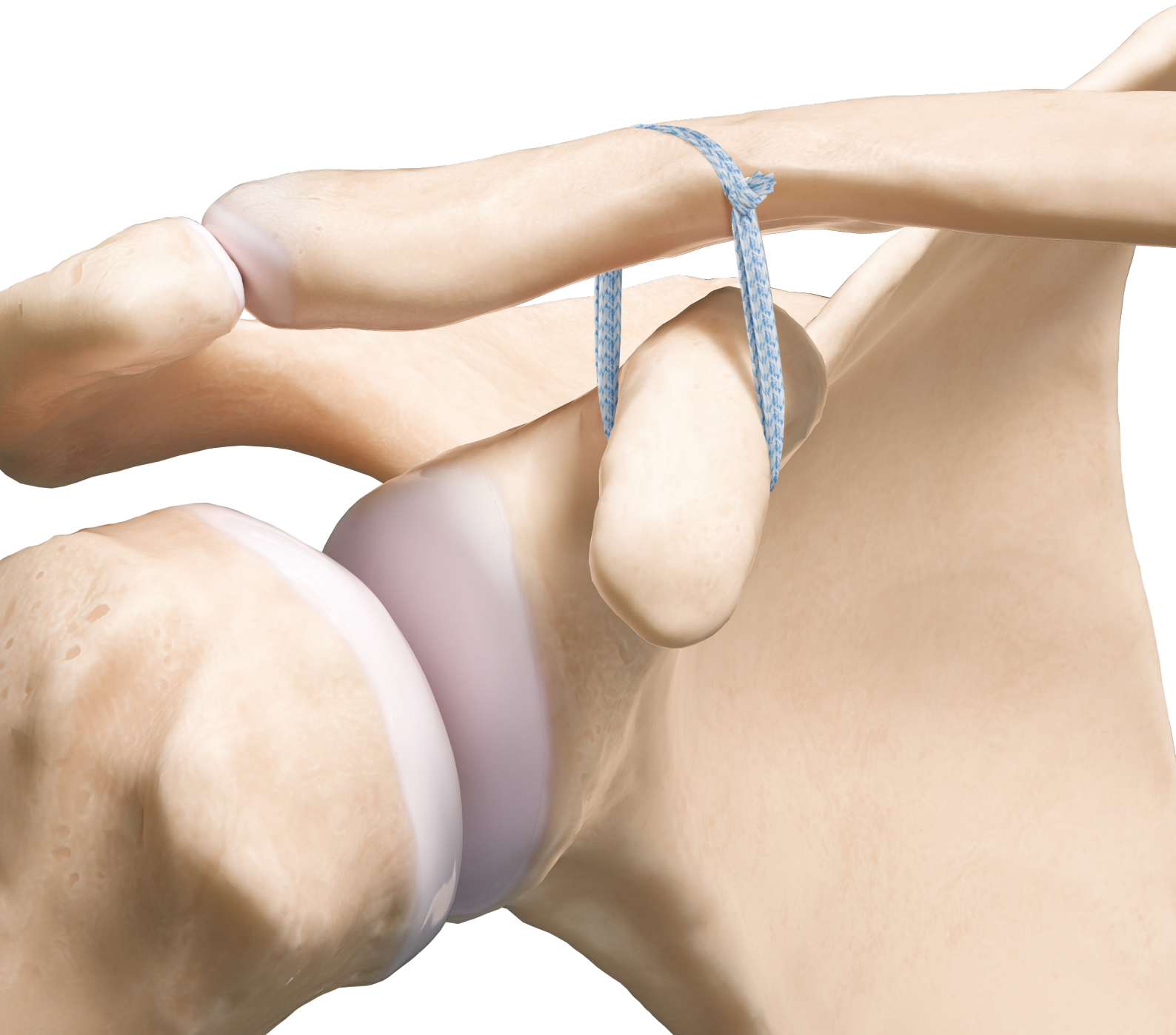


Reduce the cerclage suture onto the clavicle, removing as much suture slack as possible. The knot can be placed slightly anterior on the clavicle to bury the knot stack. Use the single-use cerclage tensioner to reduce the clavicle to the desired level.

See the appendix for instructions on how to use the single-use cerclage tensioner.



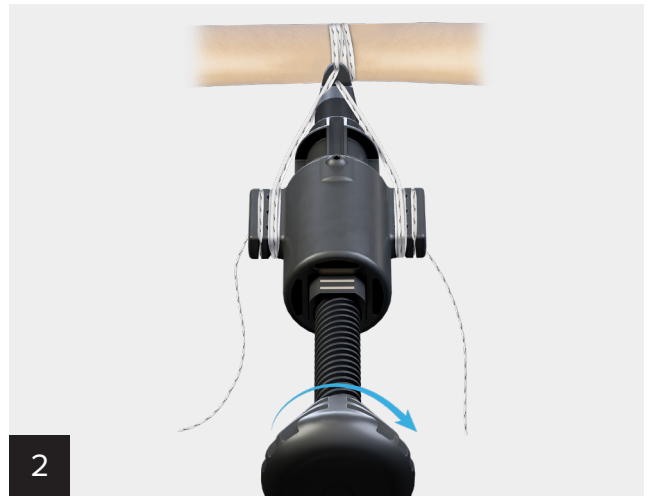
Cut the limbs after tensioning, leaving at least a 3 mm tail, and tying to complete the repair.



Appendix: FiberTape® Cerclage Suture Single-Use Tensioner Technique

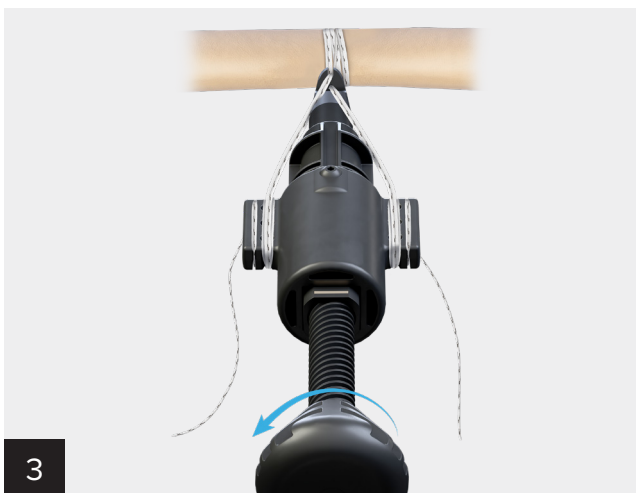


Insert one cerclage suture limb through the bottom hole and the other suture limb through the top slot at the distal end of the tensioner.



Slide the tensioner down onto the knot. Wrap each suture limb around the main body of the suture wings and secure the tape portion of the sutures in the cleats. Turn the handle clockwise to tension the FiberTape® suture.

Note: Gauge lines exist to provide a reference and an aid for applying consistent tension when multiple cerclages are used. Caution should be taken to avoid overtensioning and going beyond the fourth gauge line.



Once the desired amount of tension is achieved, turn the handle counterclockwise and unwrap the suture limbs.



Tie three alternating half-hitch knots to lock down the cerclage suture construct.

Ordering Information

Product Description	Item Number
AC FiberTape® Cerclage Implant System (Includes FiberTape Cerclage, TigerTape™ Sternal Closure w/ Blunt Needle, TigerLink™ Suture, FiberLink™ SutureTape, FiberTape Cerclage Tensioner, MegaLoader, FiberTape Cerclage Small Passer, Transosseous Suture Passer, Flexible Obturator, 2.4 mm Drill Bit, Disposable AC Passer, SutureLasso™ Wire Loop, and Dog Bone™ Button)	AR-7820AC

Reference

1. Arthrex, Inc. Data on file (APT-06068). Naples, FL; 2021.



This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience, and should conduct a thorough review of pertinent medical literature and the product's directions for use. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level and/or outcomes.

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