

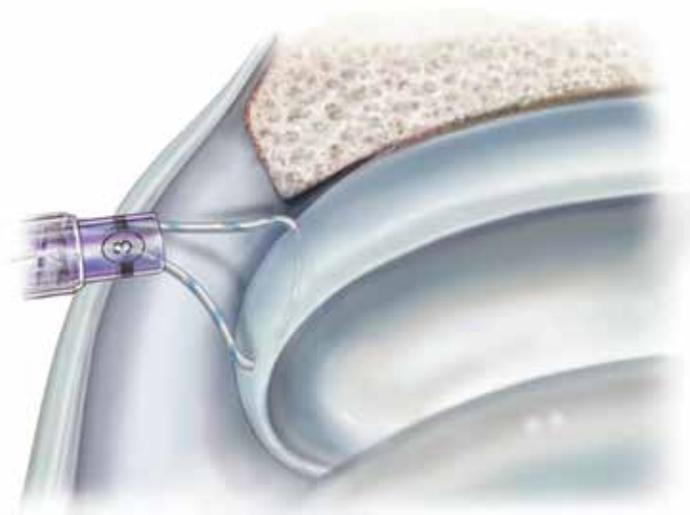


CinchLock® SS (Sports Sheath) Knotless Labrum Restoration

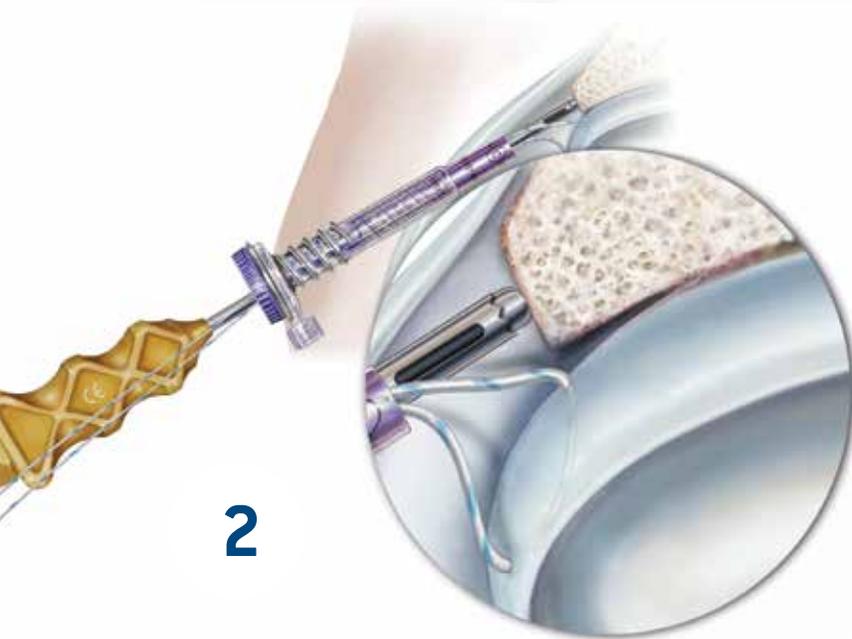
CinchLock SS Knotless Anatomic Labrum Restoration System is designed to facilitate precise anchor placement in challenging environments during hip labrum restoration. The optional-use Sport Sheath is designed to provide assistance when navigating off-angle anchor delivery. Controlled tensioning and an intuitive 1-click locking mechanism eliminates guess work and reduces surgical steps. With CinchLock SS, labrum restoration is a “cinch.”

CinchLock SS Knotless Labrum Restoration

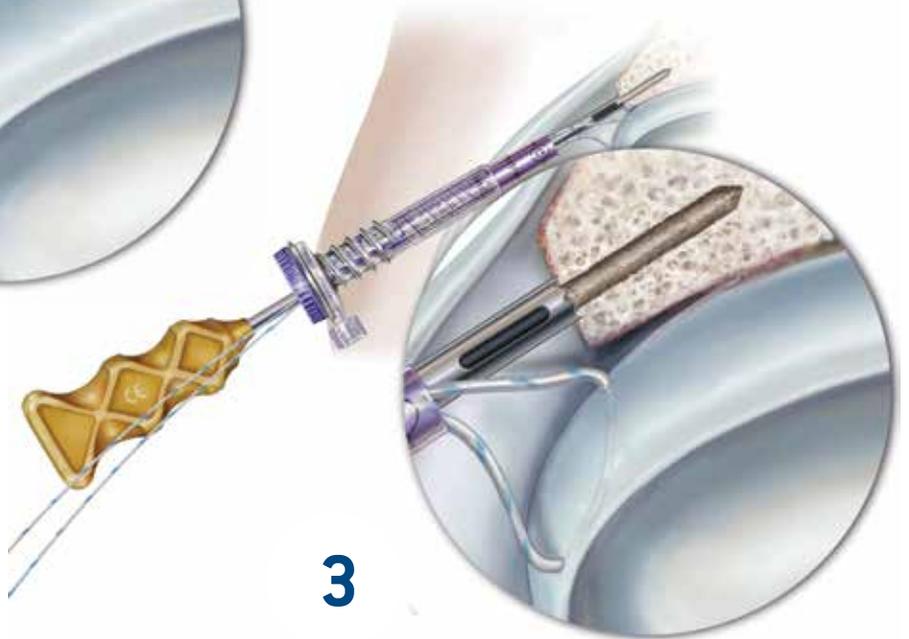
1



2



3



- Using a NanoPass Suture Manager, suture the labrum using size #1 ZipLine Suture provided within the packaging of the CinchLock SS Anchor. *(Figure 1)* Assemble the CinchLock SS Drill Guide and Obturator and insert through the TransPort cannula to the rim with the ZipLine Suture limbs outside of the Drill Guide. *(Figure 2)* Remove the Obturator. While firmly holding the Drill Guide in place, insert Drill Bit into Drill Guide and drill until the depth stop on the Drill Bit bottoms out on the proximal end of the Drill Guide. Remove the Drill Bit. *(Figure 3)*

Note: Portal selection will vary, however the DALA portal may provide an insertion angle suitable for repair.

WARNING: Use only Pivot Medical CinchLock SS Drill Bit, Drill Guide, Obturator, and size #1 ZipLine Suture to ensure proper implant retention integrity.

CinchLockSS Knotless Labrum Restoration

- Optionally insert Pivot Medical FlexStick Passer Wire through the drill guide into the drilled hole to maintain alignment with the bone hole. Remove drill guide.
- Place the previously passed ZipLine Suture limbs through the Nitinol Suture Threader. Ensure approximately 2-4 inches of each ZipLine limb extend through the Threader and that the ends are even in length. *(Figure 4)* Hold the gold pull tab and toggle it free from the shaft. *(Figure 4a)* Continue to pull the gold Pull Tab in the proximal direction until ZipLine Suture ends are through the CinchLock SS Anchor and inserter shaft. *(Figure 4b)* Discard Nitinol Suture Threader with gold Pull Tab.

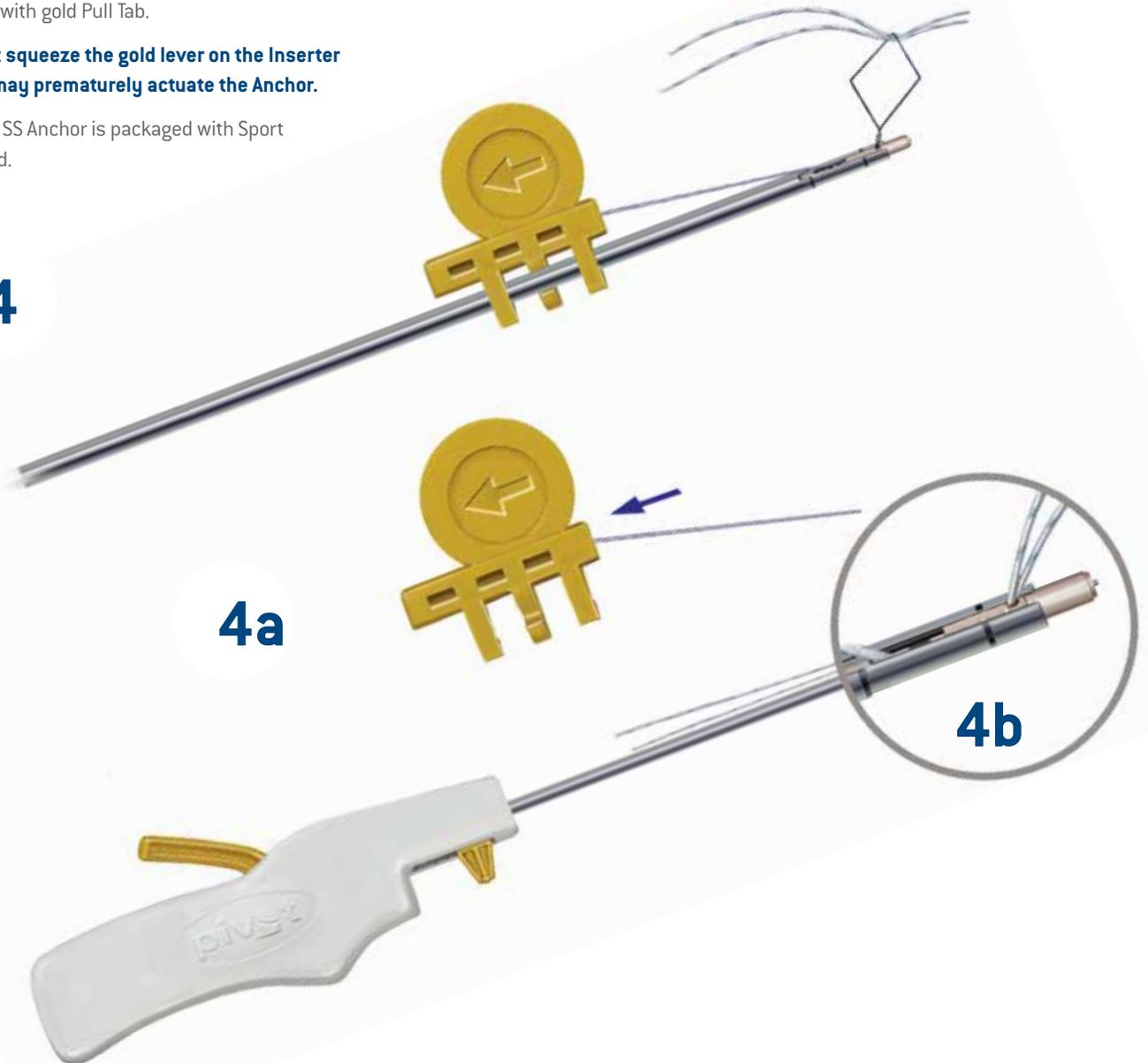
CAUTION: Do not squeeze the gold lever on the Inserter Handle as this may prematurely actuate the Anchor.

Note: CinchLock SS Anchor is packaged with Sport Sheath advanced.

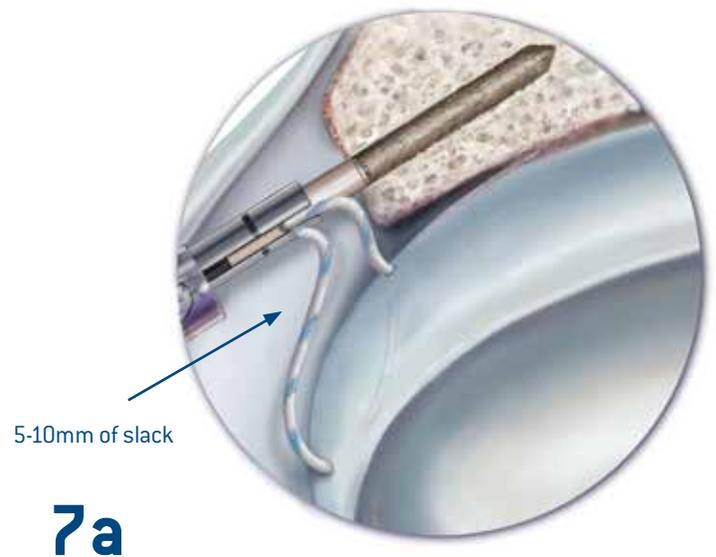
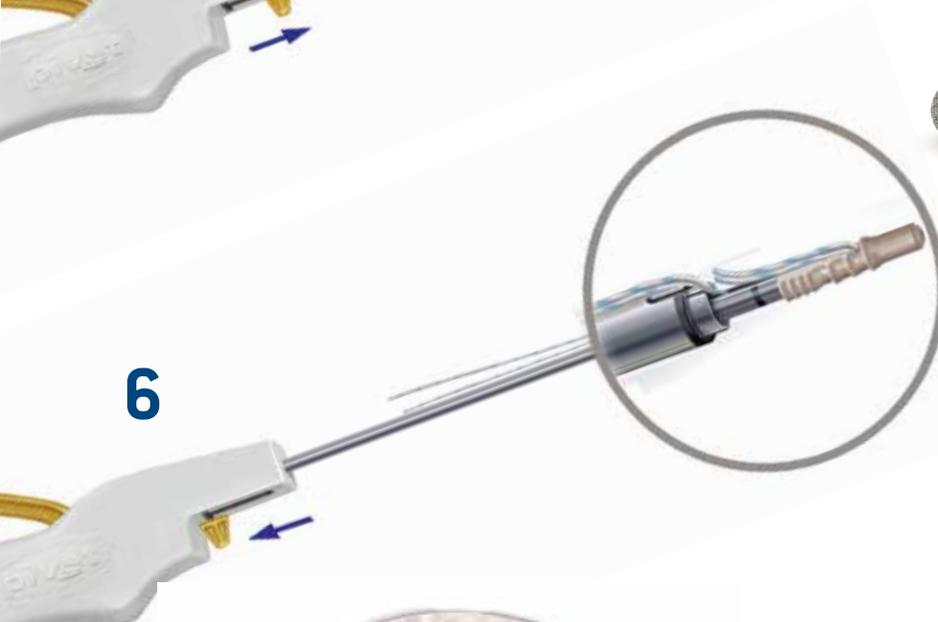
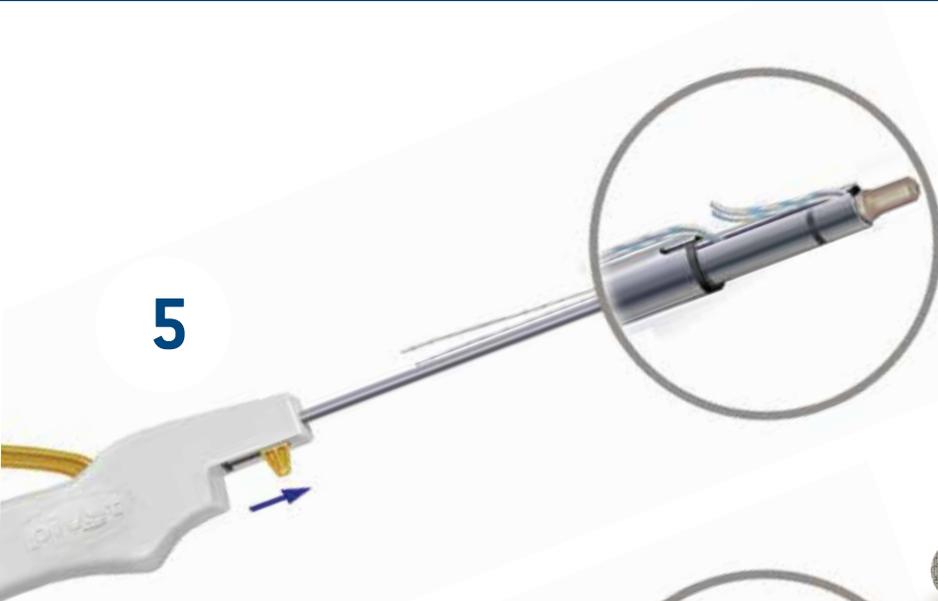
4

4a

4b



CinchLockSS Knotless Labrum Restoration



- With the Sport Sheath in the advanced (*Figure 5*), or optionally retracted (*Figure 6*) position, maintain slight tension on the ZipLine Suture ends. Slide the CinchLock SS Anchor and Inserter along ZipLine, through the TransPort cannula until the Anchor is adjacent to the opening of the pilot hole.

NOTE: A FlexStick Guide Wire can also be inserted through the anchor insertion portal into the bone hole to guide anchor insertion.

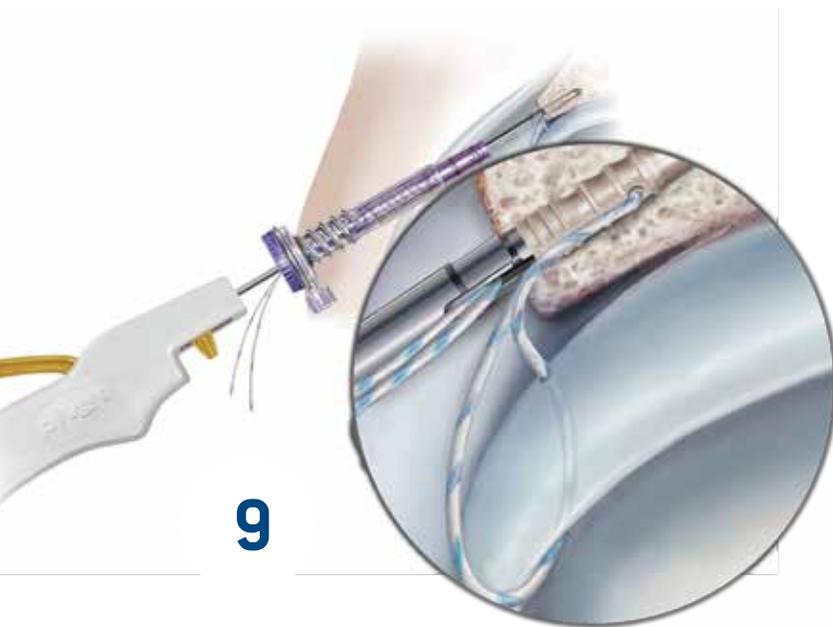
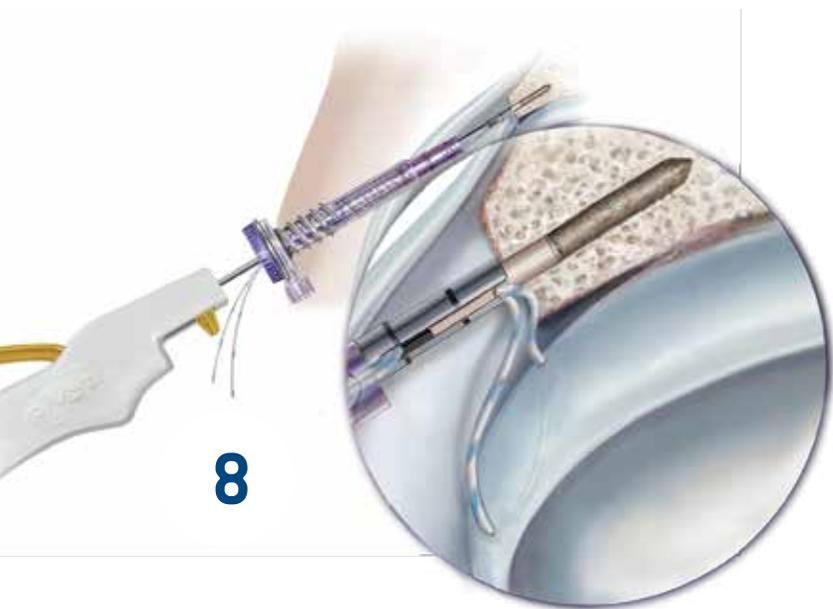
Orient the window where the ZipLine exits the Anchor toward the labrum. (*Figure 7*)



TECHNIQUE PEARL: Ensure ZipLine has approximately 5-10mm of slack. (*Figure 7a*) If more slack is needed, slide the Inserter proximally on ZipLine until desired slack is achieved.

CAUTION: Inadequate suture slack may result in over-tensioning of the tissue.

CinchLock SS Knotless Labrum Restoration



- If FlexStick Passer was used, remove FlexStick.
- Center and align the Anchor to the pilot hole. Confirm the ZipLine Suture limbs are facing the labrum and are not wrapped around the Anchor and that the Anchor has not been placed between the ZipLine Suture limbs. Insert the Anchor into the pilot hole until the distal tip of the Sport Sheath contacts the bone surface. *(Figure 8)*
- With the Sport Sheath in the advanced position, tap the inserter handle using a mallet. The Sport Sheath will retract as the anchor is being advanced into the pilot hole. Proper insertion depth is reached when the laser mark on the Sport Sheath aligns with the laser mark on the External Shaft and the laser mark on the Inserter Shaft aligns with the bone surface. *(Figure 9)*
- Alternatively, retract and lock the Sport Sheath using the Sheath Activation Button. Tap the Inserter Handle using a mallet until the laser mark on the Inserter Shaft aligns with the bone surface indicating proper insertion depth.
- Tension the ZipLine Suture to adjust labrum position by alternating tension between limbs or concurrently with both limbs. *(Figure 10)*

CAUTION: If inserter tube laser mark is inserted below the bone surface, tensioning may become more difficult.

WARNING:

- Anchor may not function properly if the Anchor is placed between the Suture limbs or if Suture is wrapped around the anchor.
- Anchor may be damaged if Anchor with Inserter is not centered and aligned with drilled hole.

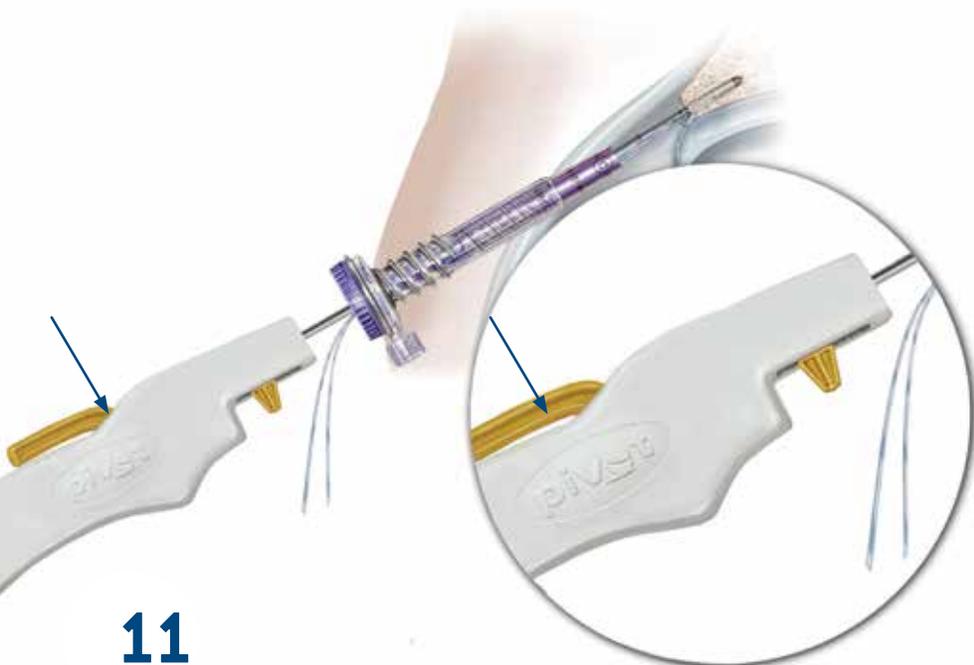


TECHNIQUE PEARL: If ZipLine is over-tightened it can be loosened with a probe.

10



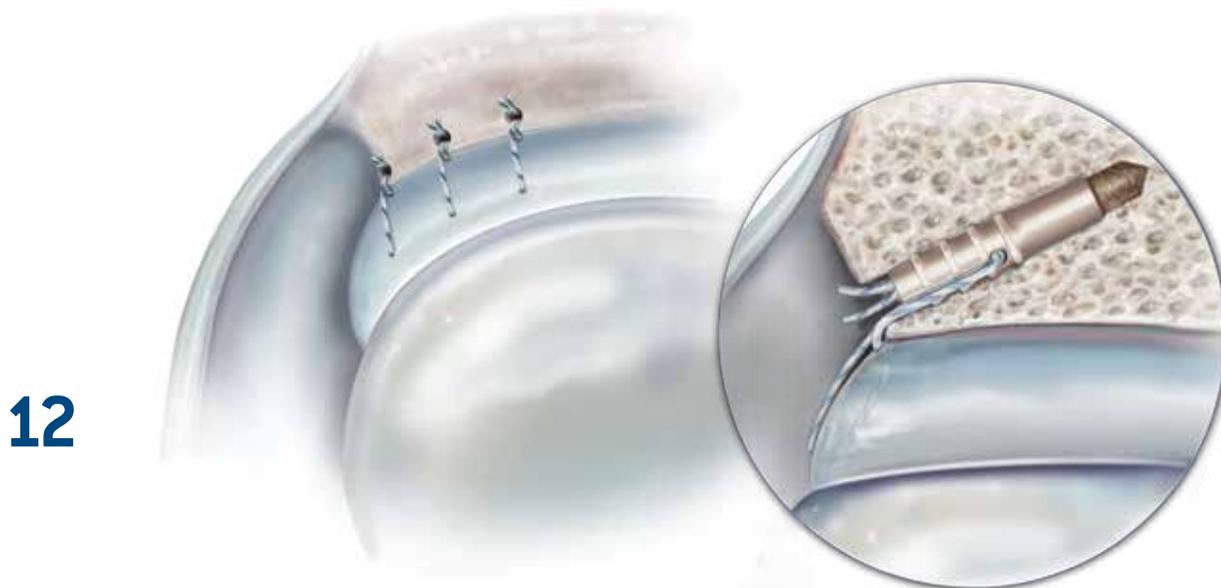
CinchLock SS Knotless Labrum Restoration



- To simultaneously lock the ZipLine Suture and disengage the CinchLock SS Anchor from the Inserter, squeeze the gold lever on the Inserter Handle until it is completely resting against the Inserter Handle body. An audible click will be heard. (Figure 11) Slowly remove Inserter from the insertion site.

WARNING: If lever is not completely actuated, the Inserter may not release from Anchor which could affect proper implantation of the Anchor.

Discard the Inserter and trim the excess ZipLine Suture limbs. Repeat steps until repair is complete. (Figure 12)



A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery.

The information presented is intended to demonstrate the breadth of Stryker product offerings. A surgeon must always refer to the package insert, product label and/or instructions for use before using any Stryker product. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Stryker representative if you have questions about the availability of Stryker products in your area.

Stryker Corporation or its divisions or other corporate affiliated entities own, use or have applied for the following trademarks or service marks: CinchLock, NanoPass, Stryker, The Movement in Hip Restoration. All other trademarks are trademarks of their respective owners or holders.

ZipLine is a registered trademark of TeleFlex Medical, Inc.

Pivot Medical, Inc.
A Stryker Sports Medicine Company
247 Humboldt Court
Sunnyvale, CA 94089 USA