

auxilock[®]

Sports Medicine

Surgical Technique

Scapholunate Ligament Repair/Reconstruction

using 1.2mm AuxSuture Anchor



Powered by



1.2mm AuxSuture Anchor

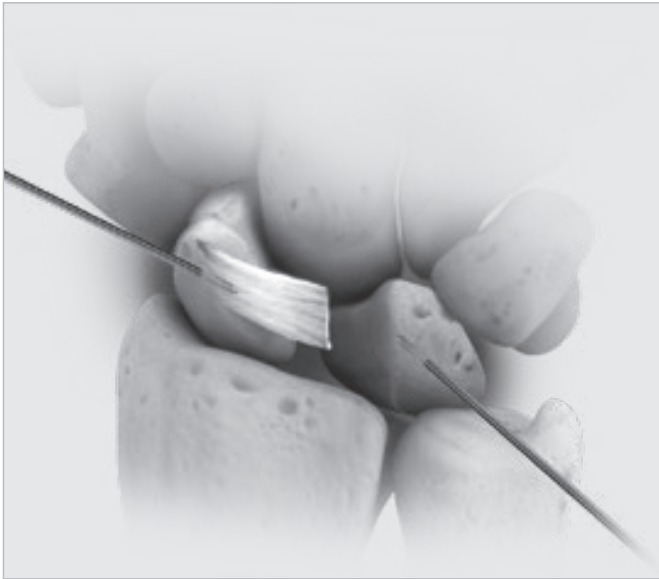


100% Suture Anchor

Also available with Needles

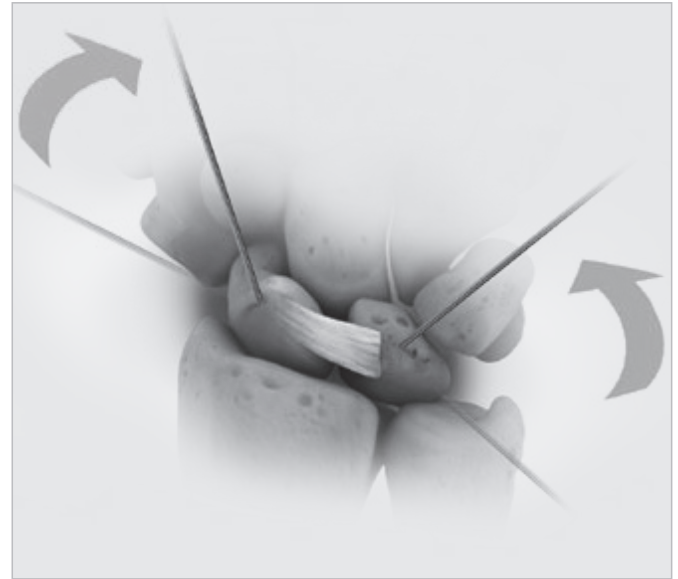
Suture

AUXILOCK[®] AuxSuture Anchor provides numerous advantages over traditional anchors. The strong fixation, less bone removal and a push in technique provide higher efficiency in Hand and wrist repair procedures. AuxSuture anchor is available in diameter of 1.2mm. It requires a pilot hole for its insertion. The specially designed 1.2mm Awl for AuxSuture Anchor provides an accurate hole placement for the anchor.



Prepare the Scapholunate Joint for Repair

Reduction of the scapholunate joint is carried out using two Ø1.2mm Threaded Guide wire placed in the lunate and scaphoid respectively. Ø1.2mm Threaded Guide wire placement in the lunate should allow for flexion of the lunate while Ø1.2mm Threaded Guide wire placement in the scaphoid should allow for extension of the scaphoid.

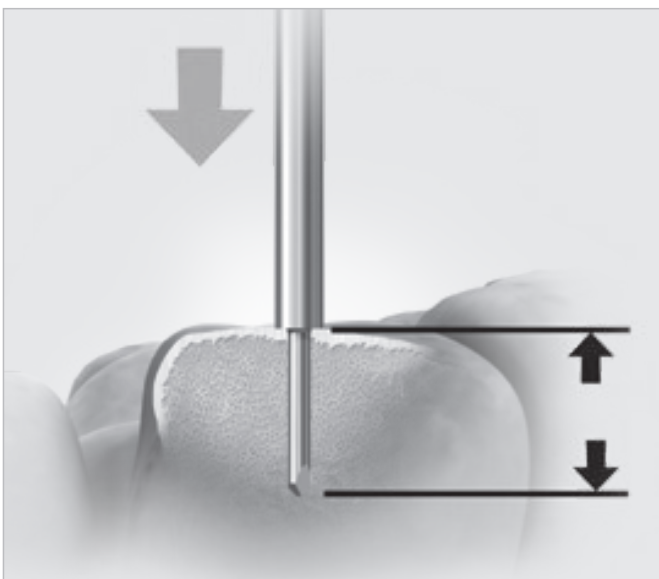


Anchor Placement

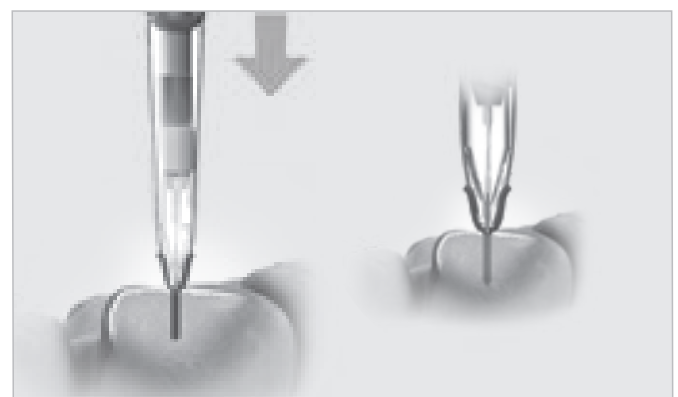
Placement of the Auxilock AuxSuture Anchors prior to final reduction allows best placement of the loose ends of the sutures into the torn scapho-lunate ligament. Typically, 2-3 anchors are utilized for complete scapholunate ligament avulsions.

Determine placement of the first AuxSuture anchor based off of the ligament insertion points into the scaphoid or lunate as desired. This is typically 2mm dorsally from the joint edge.

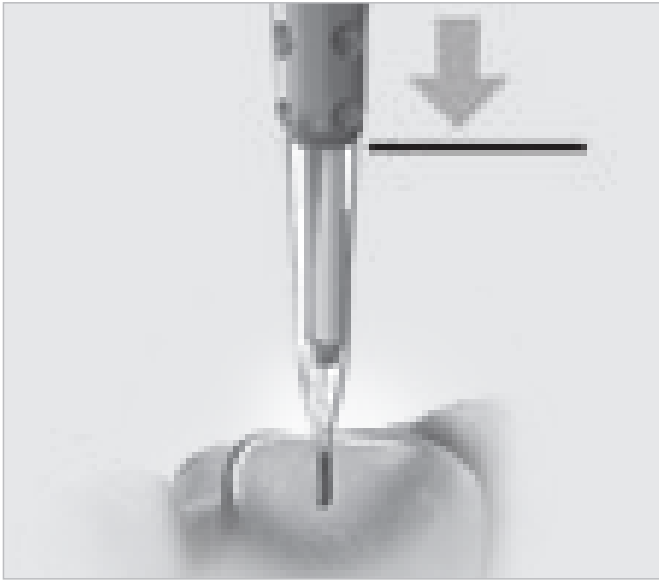
It may be necessary to roughen the surface of the scaphoid or lunate bone surface to promote ligament reattachment.



Open a sterile packed AuxSuture Anchor and using the enclosed step drill, prepare the pilot hole by inserting the step drill to the stop or full depth. To reach full depth it is preferred to drill at an angle as perpendicular to the bone surface as possible. This is important for full deployment of the anchor.



Locate pilot hole with tip of AuxSuture inserter. The angle of insertion must be the same trajectory as the pilot hole. Failure to do this could prevent insertion and deployment of the anchor.



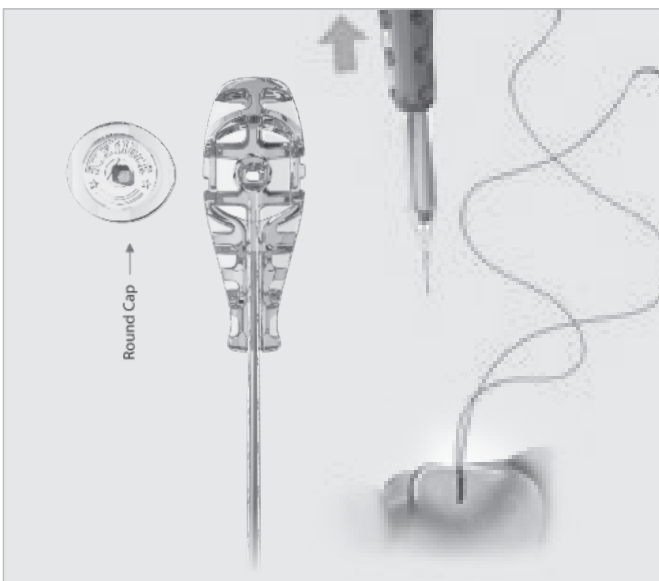
Apply gentle pressure to the AuxSuture inserter to start advancement of anchor.

Note: It may be necessary to seat the anchor by lightly tapping the back of the inserter with a small mallet to promote advancement of the implant into the bone tunnel.



Advance the inserter until the clear AuxSuture guide sleeve has retracted to the handle completely to ensure the anchor has reached full depth.

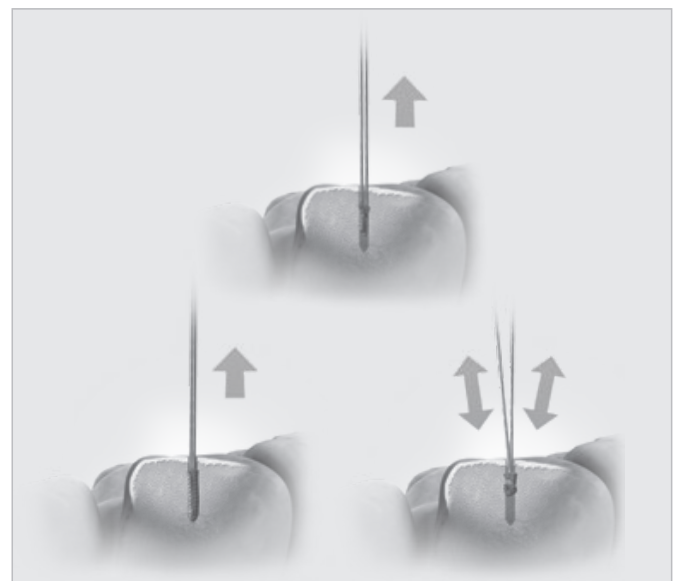
Note: At this point, do not pull up on the handle to set anchor.



Anchor Placement

Unscrew lure lock to release sutures and pull the round cap on the side of the handle.

Remove AuxSuture inserter by gently pulling straight up on the handle. This will separate the anchor from the inserter, leaving the anchor in the pilot hole.



Set the anchor by lightly pulling back on both strands of suture. The 2-0 or 3-0 suture should move back and forth freely within the all-suture anchor.



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