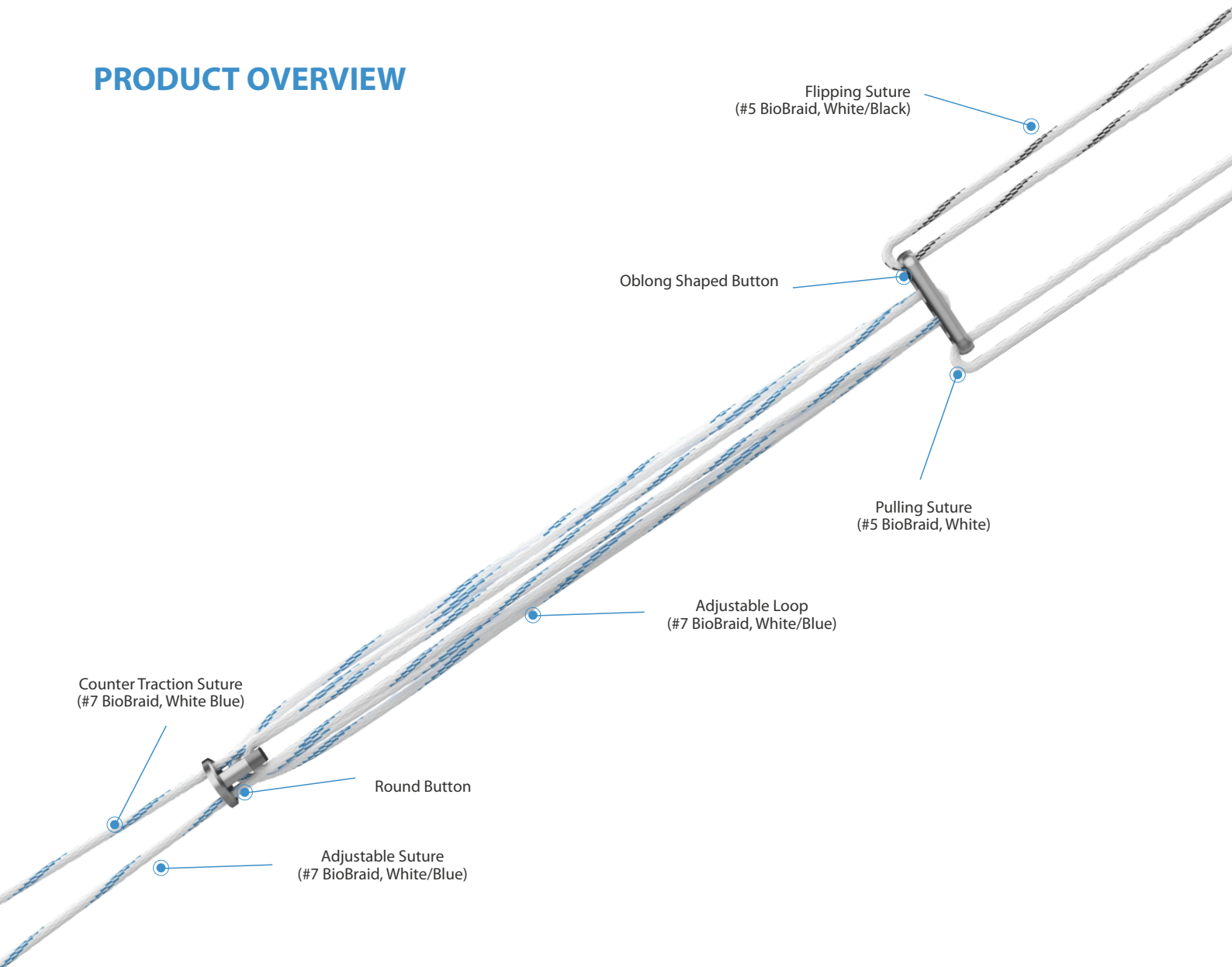


Surgical Technique

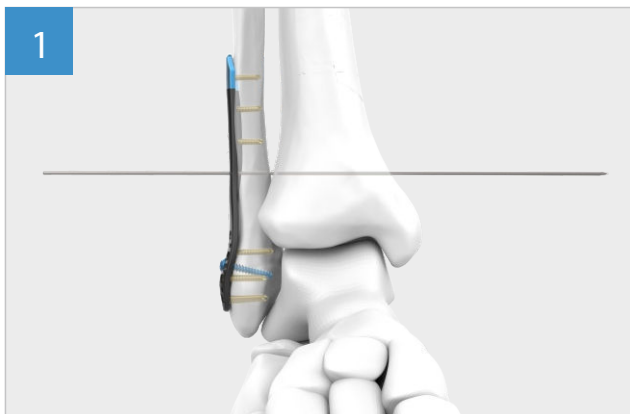
Ankle Syndesmosis Repair using Syndesmosis Ultimate Kit



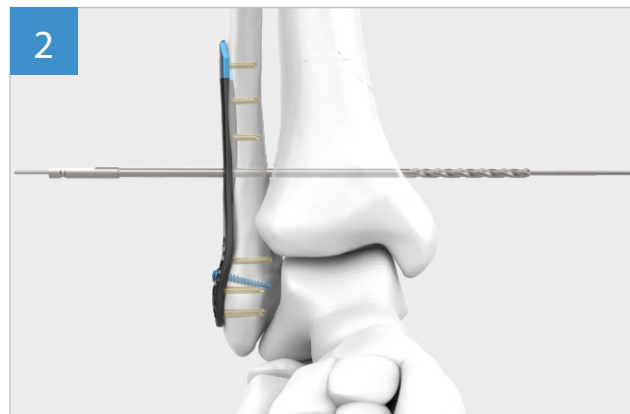
PRODUCT OVERVIEW



AUXILOCK® Syndesmosis Ultimate Kit can be used for the fixation of Ankle Syndesmosis joint. The versatile design of the kit is ideal for use with or without a fracture plate. The kit comprises of adjustable loop with round shaped button (Dia. 5.5mm) and oblong shaped button (L 12mm XW 3.2mm X H 1.5mm). The round button has a tapered slot design which can easily fix on any fracture plate. The kit is passed through 3.5mm drilling tunnel from lateral to medial provides the fixation of oblong shaped button on the medial side and round button on the lateral side of the syndesmosis joint. The syndesmosis kit provides a double locking mechanism which eliminates the need for knot tying.

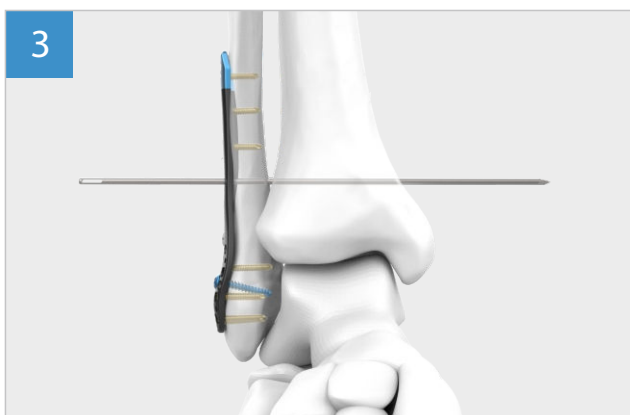


If using a fracture plate, use preferred technique to attach the fracture plate. Use a drill guide to drill a 1.5mm K-wire from lateral to medial through a hole in the fracture plate and all four cortices of the tibia and fibula at preferred angle.



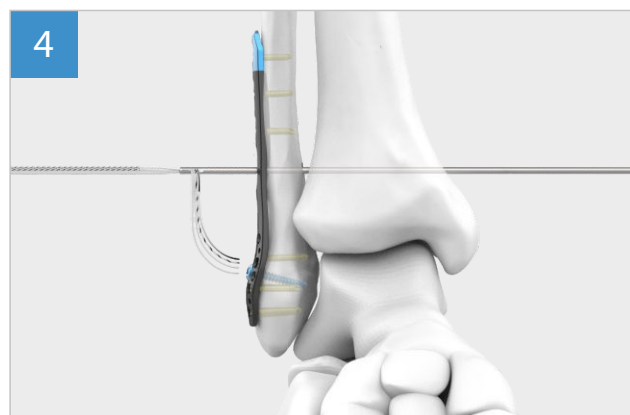
Use a 3.5mm cannulated drill bit to drill over the K-wire from lateral to medial through all four cortices.

Remove the K-wire and drill bit.

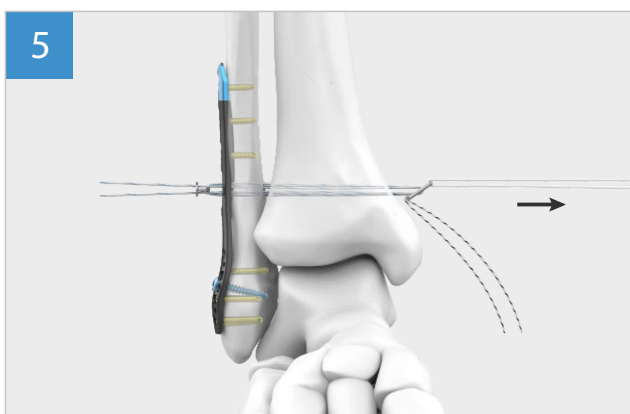


Advance the 2.4mm passing pin from lateral to medial through the fracture plate, all four cortices, and patient's skin on the medial side.

Pull the solid blue counter-traction suture to remove the implant device from the black tension handle.

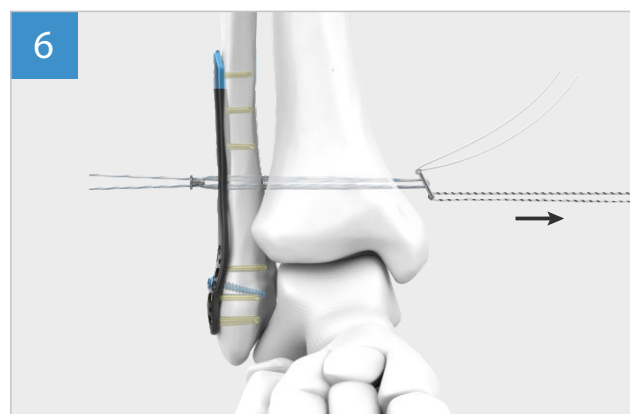


Thread the solid white pulling suture and white/black toggle suture through the eyelet of the passing pin. The passing pin is pulled from lateral to medial to shuttle the suture tails.



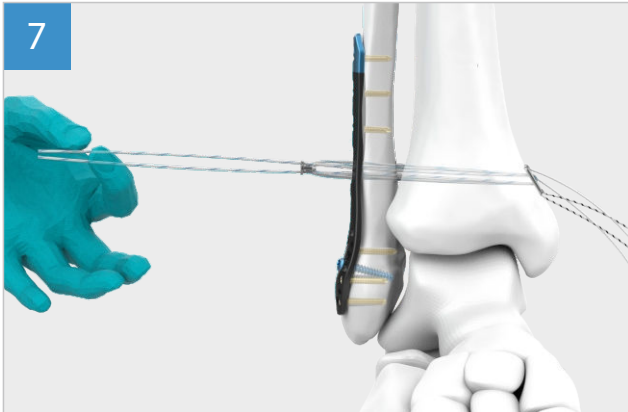
Pull the solid white pulling suture to advance the implant device from lateral to medial until the button clears the medial cortex of the tibia.

Note: Remove slack of the white/black toggle suture as the device is advanced.



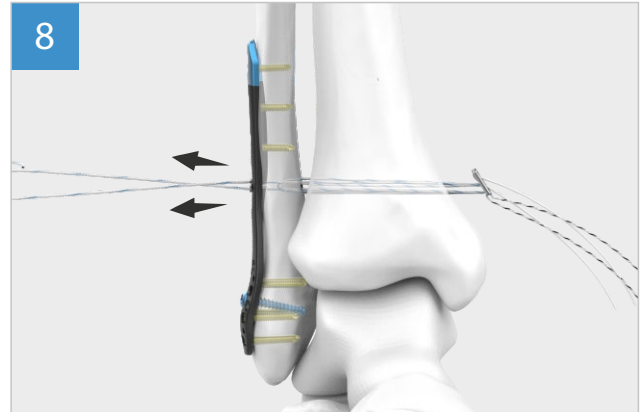
Use the white/black toggle suture to flip the button on the medial cortex of the tibia.

Note: If the button over travels past the patient's skin, create a small incision and push the button backwards towards the medial cortex of the tibia.

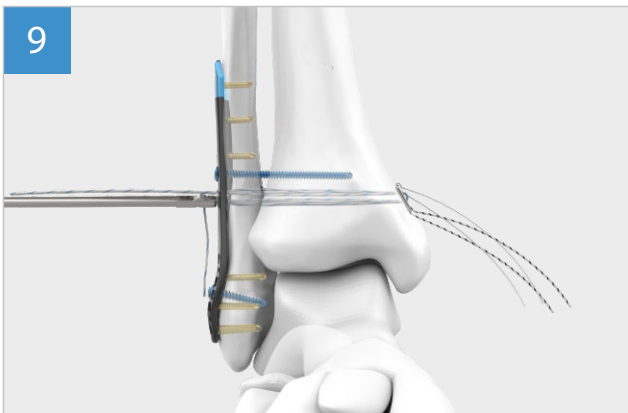


Pull the solid blue counter-traction suture to confirm fixation of the medial button.

Note: At this point there is ~30mm of slack.

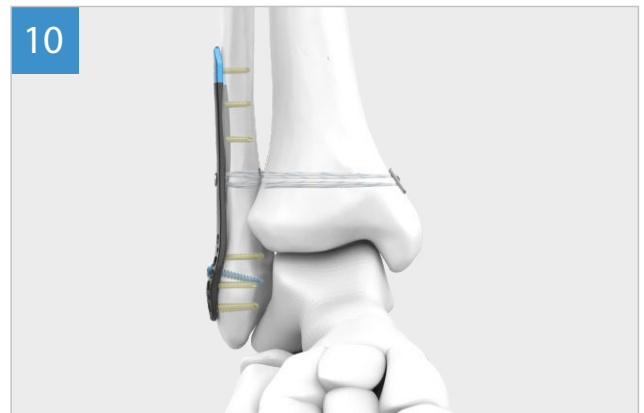


Place the white/blue adjustment suture loop in the central groove of the black tension handle.



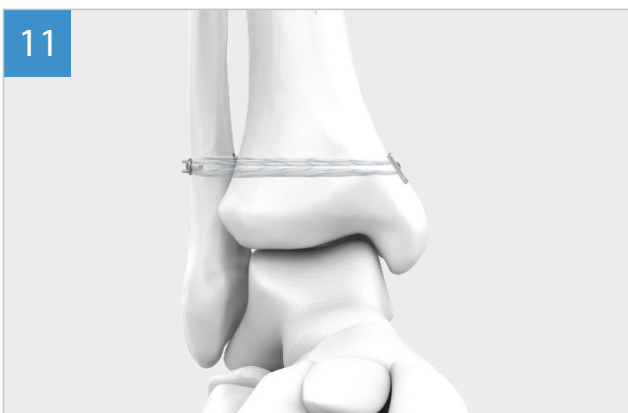
Pull the black tension handle to compress the implant device 2-3mm.

Note: Do not compress the implant device more than 2-3mm without removing slack.



Reduce the force on the black tension handle and pull the solid blue counter-traction suture to remove slack from the implant device.

Repeat steps 13 and 14 until the top hat is seated in the fracture plate or lateral cortex of the fibula (if no fracture plate is used).



Drop the solid blue counter-suture. Use the black tension handle and the white/blue adjustment suture to set final fixation.

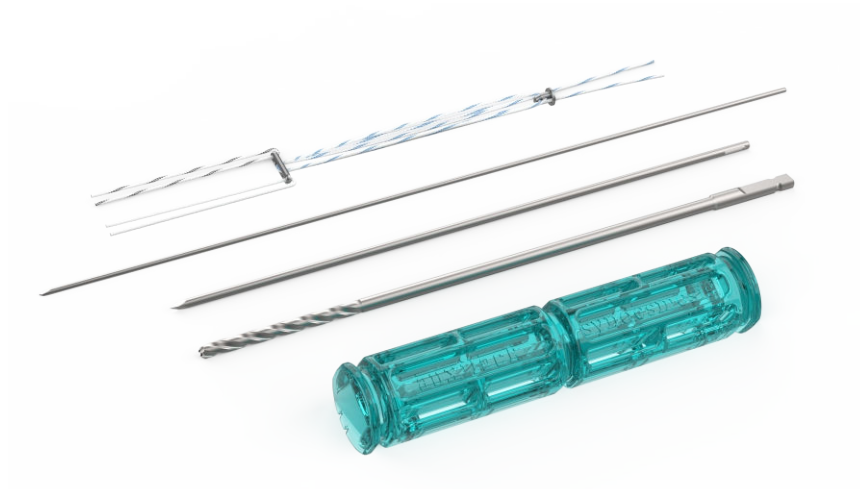
Complete the syndesmotic repair by cutting all four sutures.

Ordering Information

AUXILOCK[®] Syndesmosis Ultimate Kit (6-041-01)

Product Description

Ø3.5mm Cannulated Drill Bit
Ø1.5mm K-Wire
Ø2.4mm Passing Pin
Suture Pull Handle



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