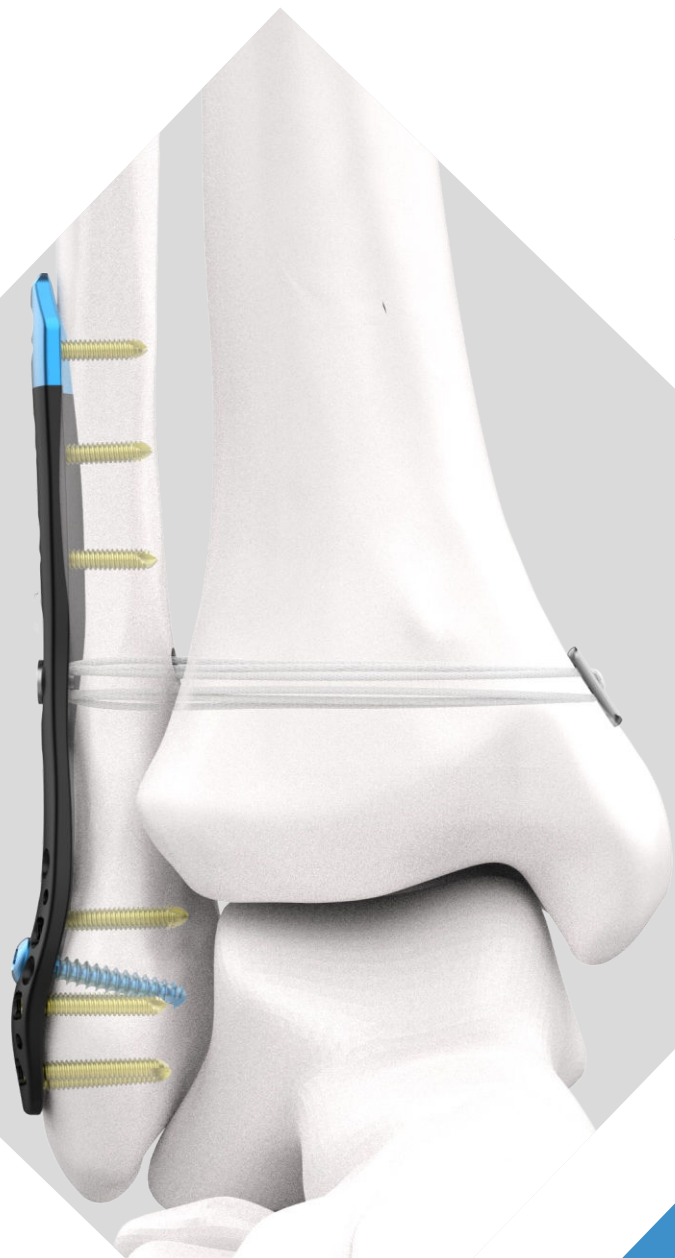
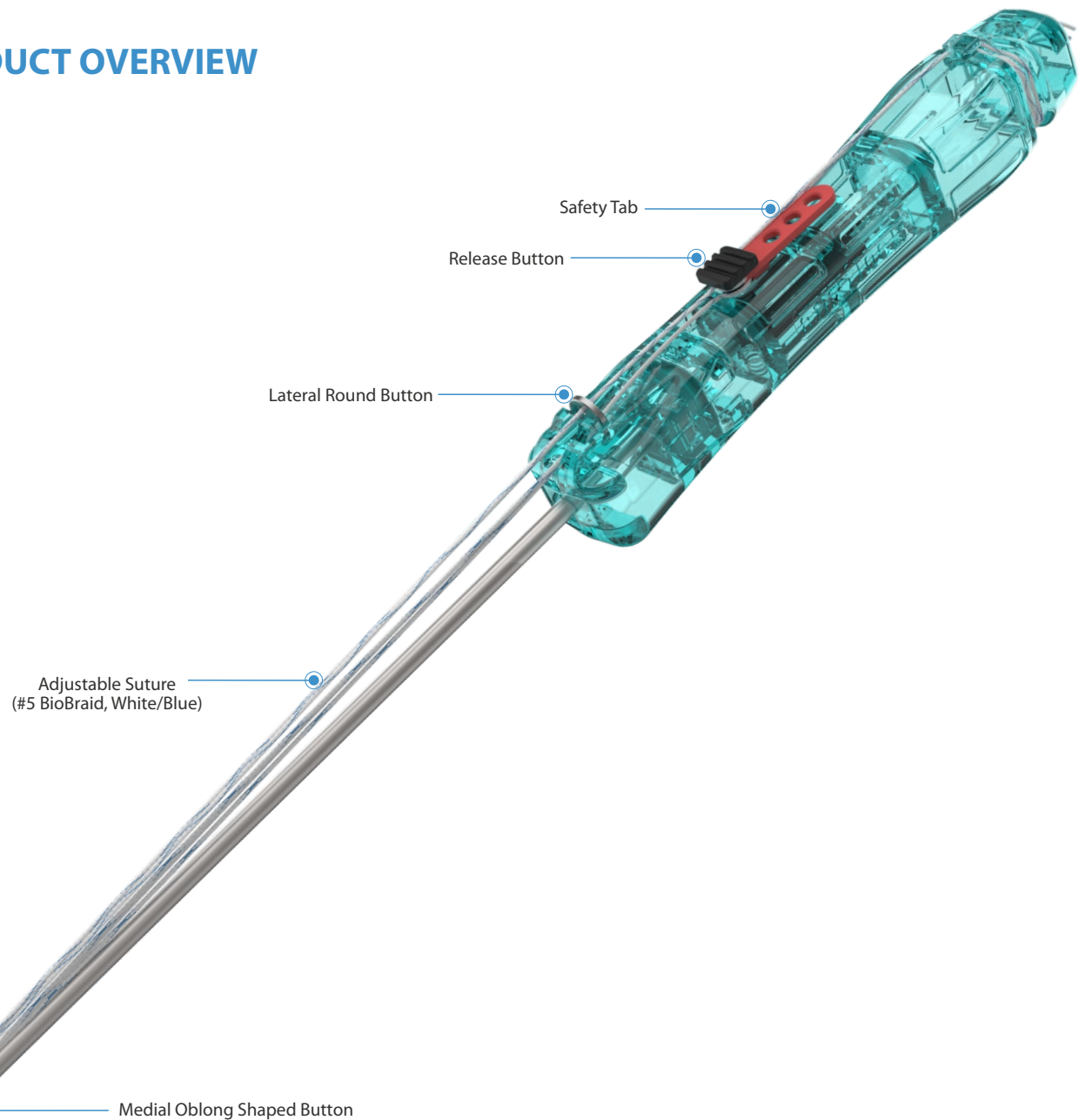


Surgical Technique

Syndesmosis Repair using Advance Syndesmosis Ultimate Kit



PRODUCT OVERVIEW

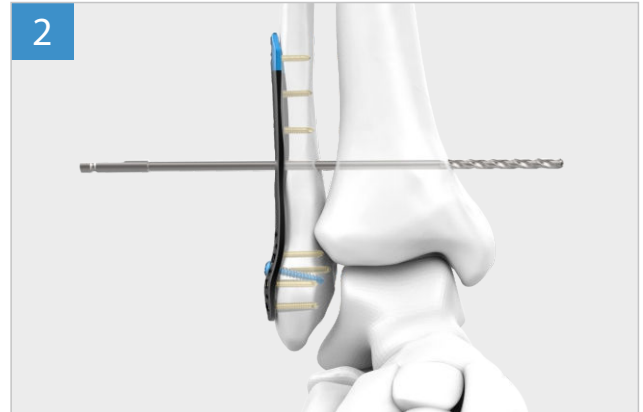


The Advance Syndesmosis Ultimate Kit implant system features a unique delivery mechanism that allows the user to insert a Syndesmosis implant without pulling a needle through the medial skin. Advance Syndesmosis Ultimate Kit system gives the user control to flip the medial oblong button below the skin for less soft-tissue interposition.

Ergonomic Advance Syndesmosis Ultimate Kit implant tensioning handles have also been added to the system. These handles are designed to tension the Advance Syndesmosis Ultimate Kit implant without hurting the surgeon's fingers. The Advance Syndesmosis Ultimate Kit implant system also features a new trocar style drill bit that reduces skiving off the fibula when drilling in the transmalleolar plane 30° anterior to the coronal plane.

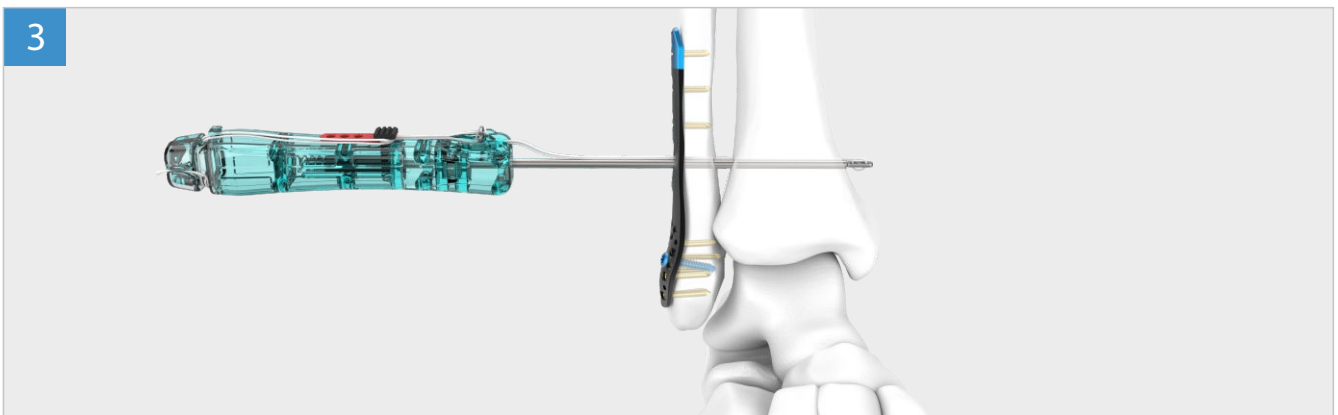


1
If using a fracture plate, use preferred technique to attach the fracture plate. Use a drill guide to drill a 1.5mm K-wire from lateral to medial through a hole in the fracture plate and all four cortices of the tibia and fibula at preferred angle.

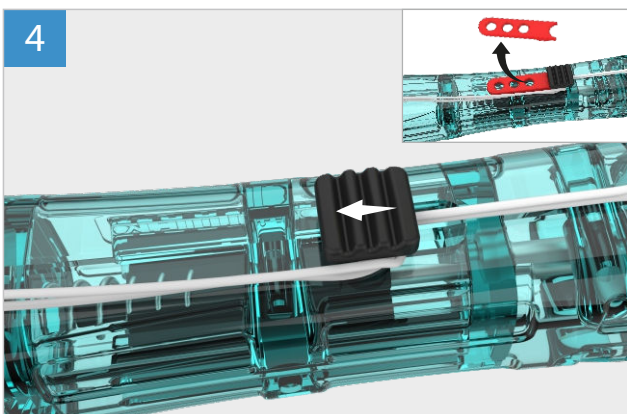


2
Use a 3.5mm cannulated drill bit to drill over the K-wire from lateral to medial through all four cortices.

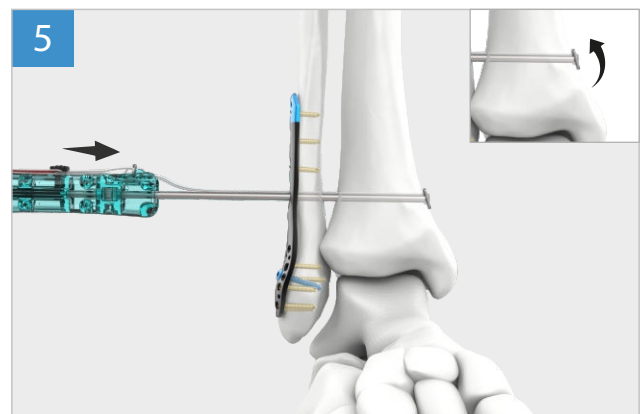
Remove the K-wire and drill bit.



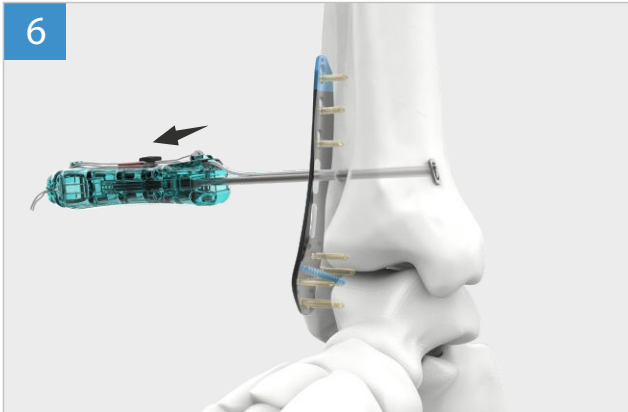
3
Check under fluoroscopy to ensure the medial button exits the medial tibia cortex. The Advance Syndesmosis Ultimate Kit system through the fibula and tibia bone tunnel. Position the black button on the blue handle inserter cephalad or caudad. This will ensure that the oblong button will be positioned in line with the axis of the tibia after deployment.



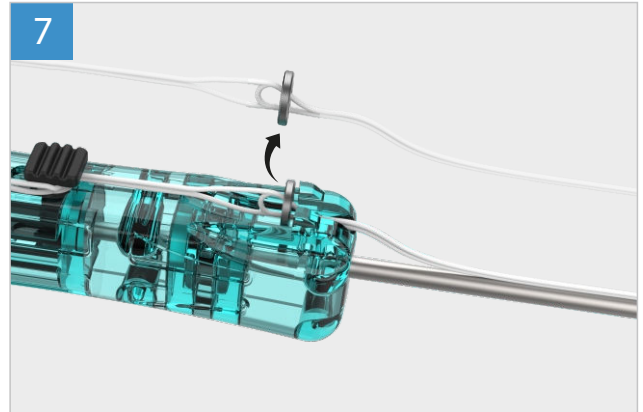
4
Remove the red safety tab. Deploy the medial button on the Advance Syndesmosis Ultimate Kit by engaging the black button away from the Handle construct.



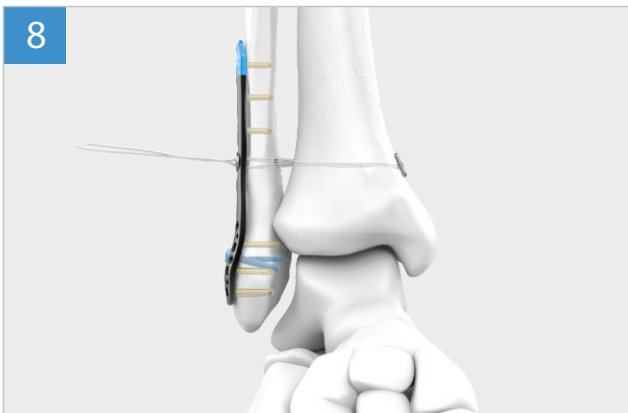
5
Note: After deploying the medial button, push the Advance Syndesmosis Ultimate Kit medially. Visualize a T shape on fluoroscopy.



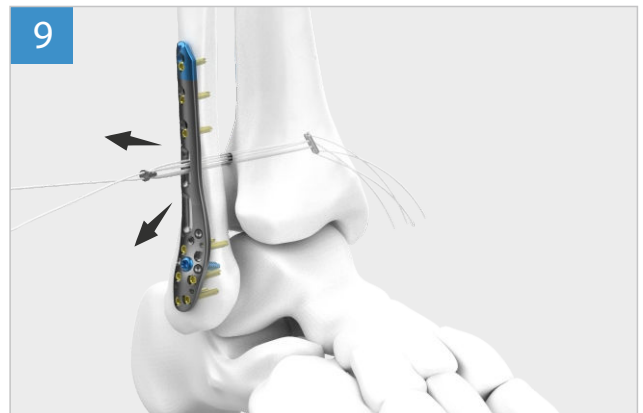
Pull back on the Advance Syndesmosis Ultimate Kit and confirm on fluoroscopy that the oblong button is flipped and seated flush against the medial cortex of the tibia.



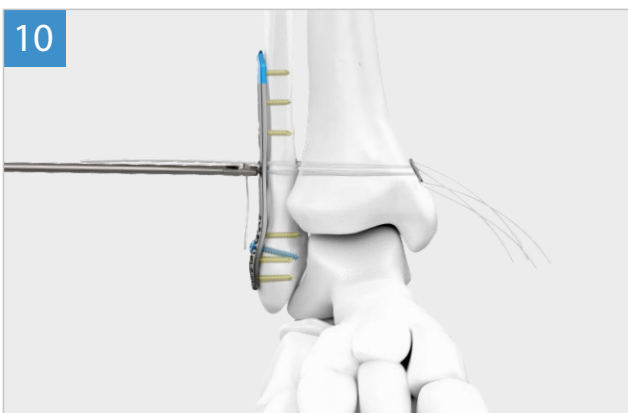
Unwrap the trailing sutures from the Advance Syndesmosis driver to release the round button. Remove the Advance Syndesmosis inserter from the bone tunnel.



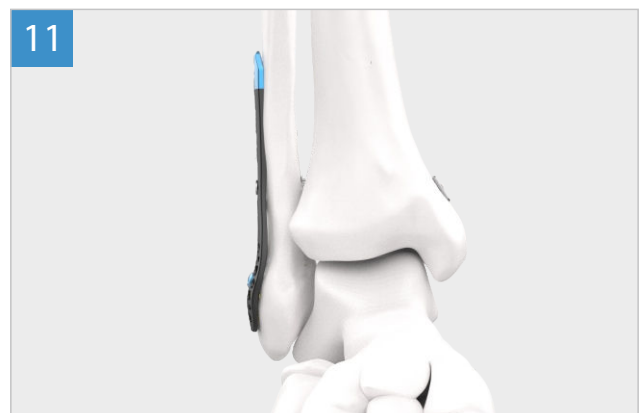
Grasp the center sutures of the round button before tensioning. Slide the round button down to the plate or bone.



Wrap each suture tail 2 to 3 times around the Suture Pull Handle. Pull the sutures straight back, one at a time, in the direction of the suture, toward the surgeon. The lateral button will sit flush.



Cut the white suture tails flush with the round button. Ensure the sutures on the Lateral Round Button are not damaged while cutting the suture tails.



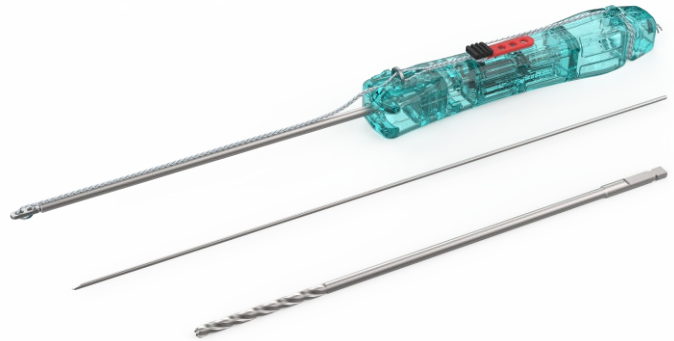
Final fixation.

Ordering Information

AUXILOCK[®] Advance Syndesmosis Ultimate Kit (6-051-01)

Product Description

Ø1.5mm K-Wire
Ø3.5mm Cannulated Drill Bit



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