

FLEXBAND®

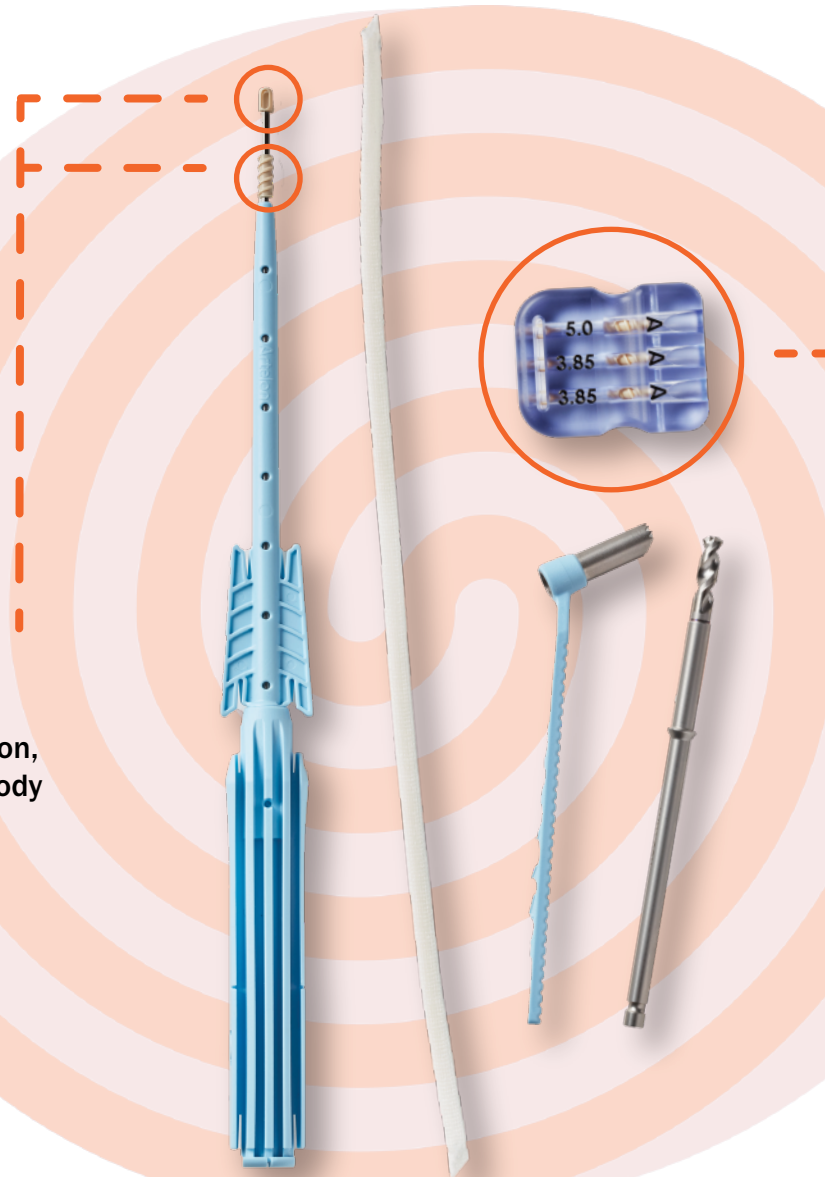
FROM ARTELON

TWIST

OPTIMIZED FIXATION

CONTROL & STRENGTH.

Precisely deliver and set tension with eyelet insertion, then twist-in the anchor body for final fixation.



VIDEO TECHNIQUE &
SUSTENTACULUM
TIPS HERE



EFFICIENT ADAPTABILITY

PROCEDURAL VERSATILITY.

The MOD³ (modification cube) provides a versatile intra-op selection of additional anchors, allowing you to choose either 3.85mm or 5.0mm fixation based on procedural and patient need.

DYNAMIC MEDIAL ANKLE RECONSTRUCTION

UTILIZING THE FLEXBAND TWIST SYSTEM

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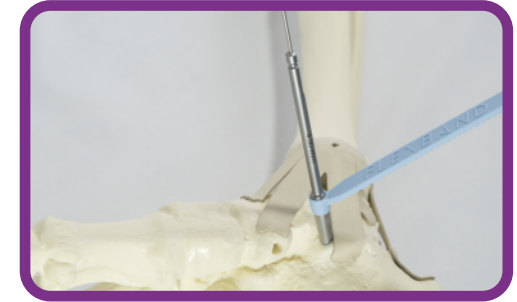
UTILIZING THE FLEXBAND TWIST SYSTEM



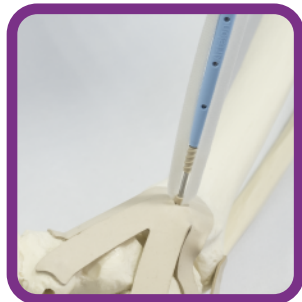
1 Tibial Preparation: Using the cannulated drill system, prepare the tibia for FLEXBAND and anchor insertion. Insert the guidewire into the medial malleolus on the distal most tip of the anterior colliculus. Then slide the cannulated drill and guide over the guidewire, drilling until the positive stop.



2 Navicular Preparation: The navicular tuberosity tunnel is marked with a plantar-medial to dorso-lateral guidewire for a 5.5mm cannulated bio-tenodesis screw of the surgeon's choice. **Note:** Artelon does not currently offer a bio-tenodesis screw or drill. The wire should exit lateral to the dorsal neurovascular bundle and far enough laterally that it pierces the extensor hallucis muscle tissue. A corresponding drill bit is then used.



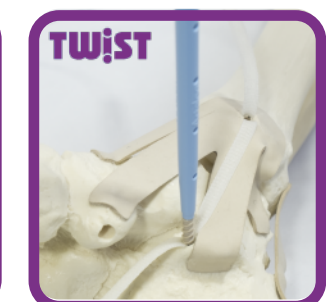
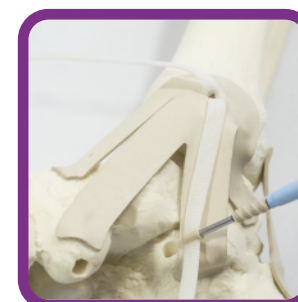
3 Sustentaculum Preparation: Using the cannulated drill system, prepare the sustentaculum tali for FLEXBAND and anchor insertion. Insert the guidewire directed medial to lateral in a slightly posterior and inferior direction so as to avoid penetration into the subtalar joint. Then slide the cannulated drill and guide over the guidewire, drilling until the positive stop. Confirm wire placement with fluoroscopic imaging.



4 Insert Medial Malleolus Anchor: Realign the FLEXBAND on the driver with a 30/70 length ratio. Place the anchor over the medial malleolus hole, with the long limb of FLEXBAND facing the sustentaculum, and push or tap the eyelet to the bottom of the drilled hole. Hold the spin sleeve in place while threading the anchor until it is fully seated and the FLEXBAND is locked in place. The driver is then removed.



5 Load Second Anchor: Reset the spin sleeve to the top of the driver. Placing the MOD³ on a table with the holes facing up, re-load the driver with a second anchor by inserting the driver into a slot with the desired anchor size (3.85mm or 5.0mm). Apply firm pressure until tactile engagement is felt. Remove the driver from the MOD³ and visually confirm that the eyelet and anchor are loaded.



6 Set Tension and Secure Sustentacular Anchor: Thread the long tail of the FLEXBAND through the eyelet, and place the anchor over the sustentaculum hole. Pull the FLEXBAND taut while pushing or tapping the eyelet to the bottom of the drilled hole, provisionally setting the FLEXBAND position and tension. Hold the spin sleeve in place while threading the anchor until it is fully seated and the FLEXBAND is locked in place. Remove the driver.



7 Set Navicular Fixation: Using a passing wire (not provided), shuttle the sutures from both FLEXBAND limbs and the FDL tendon transfer (if applicable) through the navicular tunnel. Using hemostats, individually tension the FLEXBAND limbs and the FDL tendon, setting final fixation with a 5.0mm tenodesis screw of choice.



ORDERING

FLEXBAND TWIST.30	P/N TW030
3.85x17mm PEEK Eyelet Anchor	x 3
5.0x17mm PEEK Eyelet Anchor	x 1
0.5x30cm FLEXBAND Plus Dynamic Matrix	x 1
Cannulated Drill Bit	x 1
1.4mm Guide Wire	x 2
Tissue Protector	x 1