

Deltoid Ligament Reconstruction

Tunnel Sites

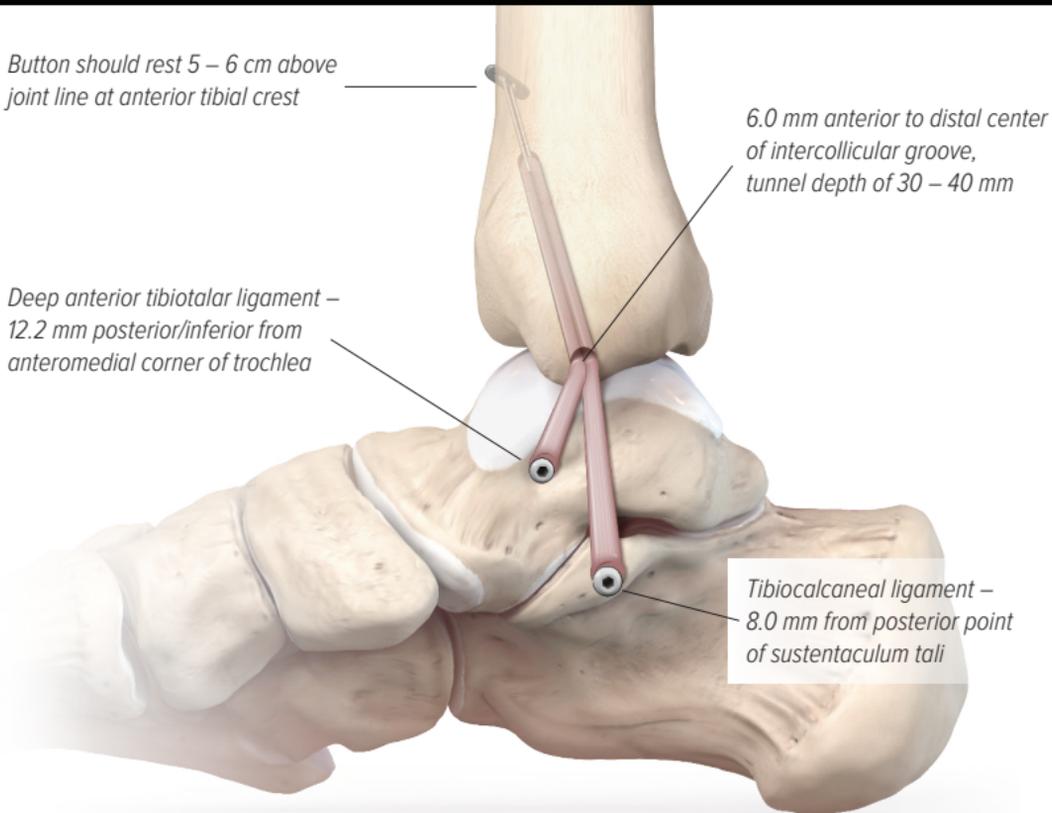


Button should rest 5 – 6 cm above joint line at anterior tibial crest

6.0 mm anterior to distal center of intercollicular groove, tunnel depth of 30 – 40 mm

Deep anterior tibiotalar ligament – 12.2 mm posterior/inferior from anteromedial corner of trochlea

Tibiocalcaneal ligament – 8.0 mm from posterior point of sustentaculum tali



Deltoid Ligament Reconstruction

Abbreviated Surgical Technique Steps—AR-8918CP



Step	Description
1	Feed graft through TightRope construct and mark at 15 mm
2	Drill 4 mm spade tip TightRope pin into medial malleolus – exit 5 cm above anterior tibial crest
3	Overdrill medial malleolar tunnel with appropriate diameter drill to depth of 30 – 40 mm
4	Feed TightRope construct sutures into drill pin eyelet and shuttle construct through tibial tunnel
5	Flip button on tibial cortex
6	Tension 15 mm of graft into bone tunnel initially by toggling white TightRope sutures
7	Insert 2.4 mm Guide Pin into talar tunnel – 12 mm posterior from anteromedial corner or trochlea
8	Drill with appropriate reamer to a depth of 20 mm
9	Insert graft and Tenodesis Screw into talar tunnel
10	Insert 2.4 mm Guide Pin into calc tunnel – 8 mm anterior from posterior corner of sustentaculum tali
11	Drill with appropriate reamer to a depth of 20 mm
12	Mark graft at insertion to calc tunnel and add 15 mm distally
13	Whipstitch graft with FiberLoop and cut excess remaining tendon
14	Insert graft and Tenodesis Screw into calc/sustentaculum tunnel
15	Set final tension by toggling white TightRope sutures to desired tension level