

ATFL and CFL Reinforcement for Lateral Ankle Instability

The anterior talofibular ligament (ATFL) is the most commonly injured ligament in sprained ankles. The calcaneofibular ligament (CFL) also frequently ruptures in ankle sprains.

Reinforcement Instructions:

- BioTend is able to reinforce repairs by attaching the device either adjacent to or overlaid on top of the repair.
- Attach the device to the talus, fibula, and calcaneus by suturing it to interference screws.
- A larger sized BioTend may be appropriate to use as an overlay over the whole complex.

Appropriate sizes of BioTendSL include, but are not limited to:

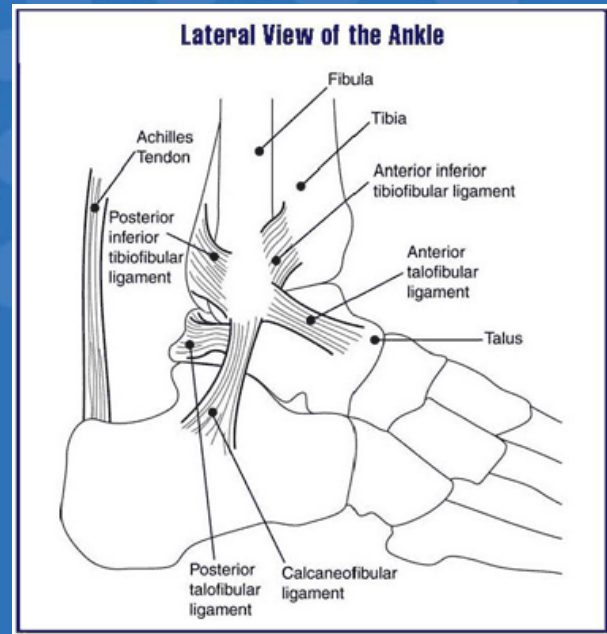
4 x 80 mm, 4 x 160 mm,
6 x 80 mm, 6 x 160 mm.

For overlay of the complete complex appropriate sizes of BioTend may include:

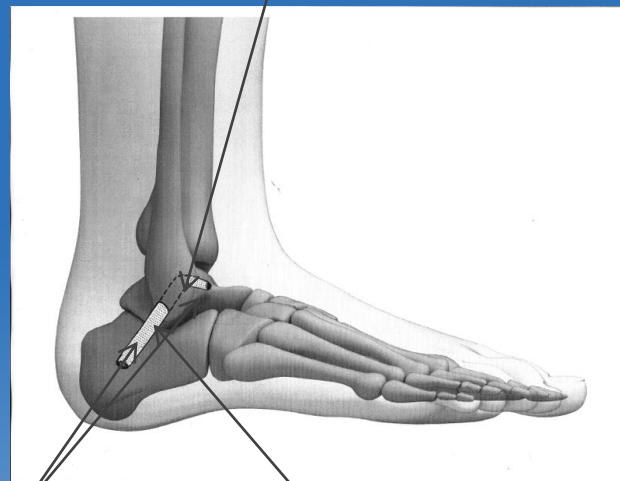
25 x 25 mm, 25 x 30 mm, 25 x 43 mm,
40 x 30 mm, 40 x 35 mm, 40 x 43 mm.

Typical applications of BioTend Reinforcement for Achilles Tendon repairs involve patients:

- Who require anatomic repair (both Brostrom and Modified Brostrom)
- With generalized ligamentous laxity
- With long-standing ligamentous insufficiency
- Who have had previous surgery
- Who have had non-anatomic reconstructions
- Who are athletes
- Who are over 60 years of age
- Who smoke
- With diabetes
- Who are overweight
- Who are not compliant
- Who require early rehabilitation



Bone Tunnel



Interference
Screws/
Bone Anchors

BioTend Overlaid on Repair