



## Posterior Tibial Tendon Reconstruction Rehabilitation Protocol

### Weight Bearing

- Patient to receive training one week before surgery.
- Strict non-weight bearing for 6 weeks after surgery.
- Advance to weight bearing 25% per week thereafter in boot.
- Unrestricted weight bearing after 12 weeks if radiographic union.

### Brace Use

- Week 1-6: Complete immobilization in boot or cast.
- Week 7-12: In boot with orthotic when out of bed.
- Week 12-24: ASO lace up brace with **medial strap snug!** Orthotic in shoe.
- Orthotic in all shoes (custom or over-the-counter semi-rigid).

### Physical Therapy

- Begins after 6 weeks of immobilization.

### Modalities

- As needed to improve edema and pain control first 2 weeks in therapy. Cryotherapy after sessions.

### Range of Motion

- Active only, first 2 weeks of therapy.
- Passive stretch thereafter if not progressing.
- Must get dorsiflexion and inversion.

### Strength

- Isometrics first week of therapy.
- Progress from closed chain to open chain as pain and motion permit.
- Goal: Plantar Flexion and inversion strength with one-legged stance.

### Proprioception

- Progress as tolerated. Recommend brace for all proprioception training.
- Goal: One-legged balance with eyes closed for 20 seconds

### Home Exercise Program

- Transition over to home program when appropriate.

NOTE: This reconstruction often includes bone healing from osteotomies. Beware of increased swelling and pain which may indicate incompletely healed bone. Reduce weight bearing and therapy demands as indicated.

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