

Tri-Planar Articulating Ankle Foot Orthosis

Features-

- › Clinically proven for effective ambulation*
- › Sagittal plane adjustability (+ or - 30°)
- › Infinite coronal plane adjustability (+ or - 30°)
- › Infinite transverse plane adjustability
- › Compatible with all liner variations that we offer, if applicable
- › Proven superior integrity of the superstructure**
- › Available in Adult standard #655SKG and Pediatric standard #555SKG



- The sagittal plane adjustment, featured on the APU® and Dual Action Orthoses, adjusts for the plantar flexion/dorsiflexion of the foot/ankle complex.
- The coronal plane adjustment, featured in both the EV™ and Dual Action Orthoses, adjusts for varus/valgus of foot/ankle complex. The orthosis is secured and fully adjustable to accommodate all anatomical parameters.
- The transverse plane adjustment, part of our Ankle/Foot Orthosis line, adjusts for internal and external rotation of the foot/ankle complex.

Uses-

- › Early intervention for the evolving rehab patient and multi-plane deformity
 - › CVA, TBI, SCI, and Diabetic neuropathy
- › Facilitation of functional knee and ankle joint position
 - › Allows for optimal dorsi/plantar flexion ankle positioning to provide adequate clearance during swing phase and knee and ankle stability in stance phase.
- › Post musculoskeletal injury of the foot and ankle
 - › Post TAL immobilization
 - › Post Botox or serial casting
 - › Stable fractures of the foot and ankle
 - › Tendon or ligaments tear/rupture

**DeToro W, (2001) Plantarflexion Resistance of Selected Ankle-Foot Orthoses: A Study of Commonly Prescribed Prefabricated and Custom-Molded Alternatives: J Prosthet Orthot:13;39-44

*Lin R, et al (2009) 'Evaluation of the Pressure Relief Ankle Foot Orthosis in Individuals With Hemiparesis Using Three-Dimensional Gait Analysis' Journal of Prosthetics and Orthotics, 21- 3, pp. 132-137