

Clinical guide for Foot drop



1st rocker

The composite AFO allows controlled plantarflexion at the ankle preventing foot slap but allowing the soft impact with the floor. The flexible foot plate makes this possible



2nd rocker

During the 2nd rocker the composite AFO is statically neutral providing mid-stance support



3rd rocker

Forward motion the tibia compresses the footplate storing energy which is then released providing forward spring and toe clearance

Recommended AFO

The open heel design allows normal valgus to occur between the 1st and 2nd rockers of gait. Enclosed heels (plastic AFO's) increase friction and pressure preventing this normal motion from occurring. The weight line falls lateral to the ankle joint producing this motion. Excessive valgus can be controlled with a medial wedge, ankle strap or medial half SMO



Posterior lateral strut



Flexor band AFO



Lateral Strut -"T" top