

Posterior Leaf Spring Custom Plastic Ankle Foot Orthosis (AFO)

The posterior leaf spring ankle foot orthosis is a custom made device fabricated out of thermoplastic. The purpose of this orthosis is to hold the ankle and foot in a desired position yet allow some flexibility of the ankle. This orthosis can be worn with most shoes.

Indications:

- Foot drop (weak dorsiflexors) as caused by: diabetes, multiple sclerosis, peripheral nerve trauma, stroke, spinal stenosis, poliomyelitis, compartment syndromes, trauma, amyotrophic lateral sclerosis, tumor, Parkinson's disease, spondylolisthesis, and CVA.
- Custom fabrication provides increased stability in the coronal plane and adjustable dorsiflexion assist force.



Photo courtesy of Prosthetic Laboratories



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