

HiPro AFO

The HiPro is a true energy storing and returning (ESR) AFO and when properly aligned reestablishes leverage in third rocker restoring the patient’s propulsion, allowing them to push off more effectively. In patients with orthopedic or nerve pain below the knee associated with movement, neuromuscular weakness, and partial foot amputation, this is an excellent choice.

Individuals fit with the HiPro can perform a full range of activities (when otherwise capable) including running and jumping.



Indications

Orthotic

- Limb salvage injuries (ie: nerve/muscle disruption BK)
- Ankle fusion or failed fusion
- Calcaneal, midfoot fractures
- Tarsal coalitions • Arthritis

Partial foot amputations

- Lis franc forward

Neuromuscular disorders

- Other lower extremity dysfunctions

Considerations

- Best outcomes are associated with staged weight bearing casting to distal femur – see [Check Brace Fitting & Casting \(CBF&C\)](#).
- Patients with poor vasculature, skin integrity and insensate limbs must be evaluated carefully to ensure candidacy
- Patient height, weight, muscle strength and knee stability are design drivers
- Appropriate shoe wear is integral in optimizing the AFO system and outcomes
- Check braces are required prior to definitive AFO fabrication – see [\(CBF&C\)](#).

Features

1. PTB proximal end can provide partial unloading and transverse plane control
2. Designed to redistribute and offload forces throughout lower limb
3. Posterior strut stores and releases energy during walking / running
4. Strut can be personalized to augment patient goals
5. Footplate design promotes a natural 3 rocker gait
 - Inner boot is optional