

Pediatric Lower Limb Orthotic Treatment Options



Heel Wedge

Simple and inexpensive way to accommodate for lack of dorsiflexion range of motion and minimal tri-planar deformity



Common indications and conditions

- Toe Walking
- Leg length discrepancy

Foot Orthosis

Customized arch support for older kids with mild or no hindfoot involvement



Common indications and conditions

- Pronation
- Supination
- Plantar fasciitis

UCBL Orthosis

Rigid arch and hindfoot support for kids with mild to moderate hindfoot involvement



Common indications and conditions

- Pronation and hindfoot valgus
- Supination and hindfoot varus

Supramalleolar Orthosis (SMO)

Custom plastic device that is low profile but provides optimal tri-planar control and/or a reminder to keep the heel on the ground



Common indications and conditions

- Hypotonic feet
- Toe walking

Ankle Foot Orthosis (AFO)

Off the shelf or custom devices with many optional design features that can be utilized based on patient presentation and goals for ambulation and activity



Common indications and conditions

- Cerebral Palsy
- Spina Bifida
- Duchene's Muscular Dystrophy
- Lower limb muscle weakness and/or deformity

Knee Ankle Foot Orthosis (KAFO)

A variety of designs and features to provide optimal support for the leg when safe ambulation is a challenge



Common indications and conditions

- Spinal Cord Injury
- Traumatic Brain Injury
- Knee flexion contractures
- Knee instability