



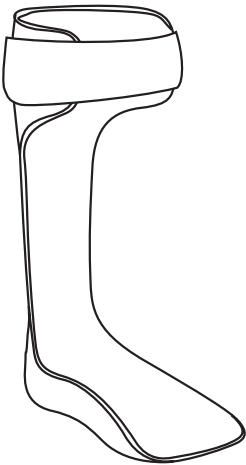
## Ankle-Foot Orthosis (AFO) Also available as Blanks (Untrimmed, No Strap)

Standard AFO design pre-fabricated from polypropylene to a 1/8" thickness for necessary rigidity and comfort. Indicated for flaccid or spastic foot drop. Can be heated to customize fit. Very versatile design.

- Posterior ribs for increased support
- Velcro® strap

Size	Model #		Shoe Size	Brace Height	Calf Circ.	Footplate Length	Calf Band Width
	Left	Right					
Small	3540	3545	Size 6 or less	12"	13½"	6¼"	8"
Medium	3541	3546	Men 5-7, Women 6 or less	13½"	14"	6¾"	8"
Large	3542	3547	Men 7½-10, Women 6½ up	14"	14½"	7"	9"
X-Large	3543	3548	Men 10½-13	14"	15"	7"	9"

To order blanks use .01 suffix, (e.g., 3541.01)



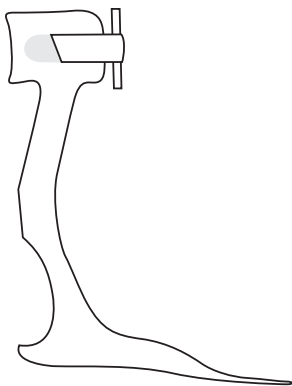
## Leaf Spring Orthosis—Posterior Leaf Spring Also available as Blanks (Untrimmed, No Straps)

Popular pre-fabricated design accommodates many patients not requiring a custom or more rigid AFO. Fits in most normal lace-up shoes. Low profile for excellent cosmesis. Can be easily trimmed and heated for a more custom fit.

- Economical
- Excellent for office or clinical application

Size	Model #		Shoe Size	Brace Height
	Left	Right		
Small	3510	3515	Men 5-7, Women 6 or less	12"
Medium	3511	3516	Men 7½-10, Women 6½ up	13½"
Large	3512	3517	Men 10½-13	13½"
X-Large	3513	3518	Men 13 and up	14"

To order blanks use .01 suffix, (e.g., 3510.01)

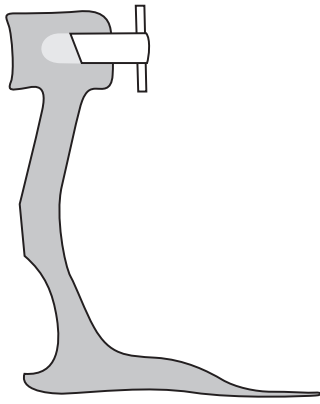


## Supra-Lite™ AFO Comfortable, low profile pre-fabricated leaf spring design to correct

mild to moderate drop foot. Injection molded polypropylene allows for different thicknesses throughout the orthosis—thicker on the vertical aspect for rigidity and thinner footplate for ease of trimming, comfort and flexibility.

- Special heel cut-out accommodates a wide range of men's and women's sizes
- Contra-indicated for the following: severe ankle-foot deformities, severe spasticity, fluctuation edema, M-L instability, or extreme activity
- For patients up to 180 lbs (80kg)

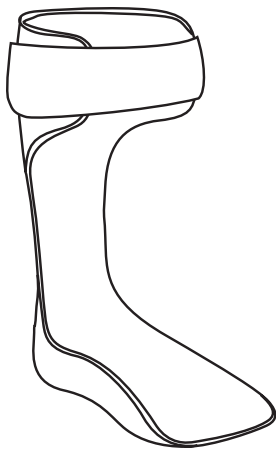
Size	Model #		Shoe Size	Estimated Footplate Length	Brace Height
	Left	Right			
Small	3500	3505	Men 5-7, Women 6 or less	9½"	10½"
Medium	3501	3506	Men 7½-10, Women 6½ and up	11"	11½"
Large	3502	3507	Men 10½-13	11"	13½"
X-Large	3503	3508	Men 13 and up	11¾"	15½"



**Carbon Supra-Lite™ AFO** This injection-molded AFO has been designed to fit patients requiring an AFO for mild to moderate drop foot. Lightweight, comfortable design with carbon rebound feature provides dorsiflexion, and the open heel allows it to fit in most shoes. Padded tibial crest and dorsum straps enable accurate and secure positioning.

- Low-profile, dorsiflexion assist design
- Increased rigidity in vertical aspect
- For patients up to 220 lbs (100 kg)
- Contra-indicated for the following: severe ankle-foot deformities, severe spasticity, fluctuation edema, M-L instability, or extreme activity

Size	Model #		Shoe Size	Estimated Footplate Length	Brace Height
	Left	Right			
Small	<b>3520</b>	<b>3525</b>	Men 5-7, Women 6 or less	11"	10½"
Medium	<b>3521</b>	<b>3526</b>	Men 7½-10, Women 6½ and up	11⅞"	11½"
Large	<b>3522</b>	<b>3527</b>	Men 10½-13	11¼"	13½"
X-Large	<b>3523</b>	<b>3528</b>	Men 13 and up	11½"	15½"



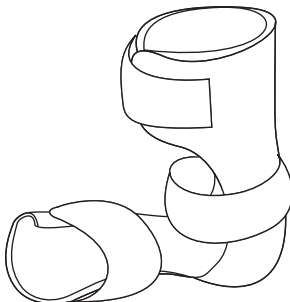
**Pediatric Ankle-Foot Orthosis (AFO) Also available as Blanks (Untrimmed, No Straps)**

Pre-fabricated finished AFOs for prevention of equinus contractures and to aid in the treatment of patients with spastic hemiplegia or diplegia. Leaf spring design allows for smoother gait pattern. Low cost blanks can be custom fitted. Polypropylene orthoses are designed to fit into children’s shoes. Especially effective in clinical and office settings.

- Full range of sizes fits infants 2 months to 6 years
- Low-profile, effective for most indications
- Inexpensive, labor savings for office or clinical application

Size	Model #			Foot Length	Brace Height	Blanks Footplate Length
	Left	Right	Calf Circ.			
X-Small	<b>3581</b>	<b>3586</b>	6"-7½"	4"	6½"	5½"
Small	<b>3582</b>	<b>3587</b>	7½"-9"	4½"	7½"	6"
Medium	<b>3583</b>	<b>3588</b>	8½"-9½"	4¾"	9"	6½"
Large	<b>3584</b>	<b>3589</b>	9"-10½"	5¼"	10"	7"
X-Large	<b>3585</b>	<b>3590</b>	10"-11½"	6"	11"	7¼"

To order blanks (untrimmed), use same Model # with .01 suffix (e.g., 3581.01 etc.)



**Pediatric Metatarsus Adductus Brace\* Sold per pair or individually**

Pre-fabricated functional brace for infants that eliminates the need for serial casting or multiple corrective shoes. Effective treatment of metatarsus adductus and congenital clubfoot for children up to 36 months of age. Perforated lightweight polypropylene with adjustable Velcro® straps. Parent compliance facilitated by application technique.

- 3 point fixation design maintains optimum position of heel and forefoot

Size	Model # (pair)	Approx. Age	Maximum Foot Length	Model # (separate)	
				Left	Right
X-Small	<b>3849</b>	0-2 mo.	3¼"	<b>3849L</b>	<b>3849R</b>
Small	<b>3850</b>	3-8 mo.	3¾"	<b>3850L</b>	<b>3850R</b>
Medium	<b>3851</b>	9-15 mo.	4¼"	<b>3851L</b>	<b>3851R</b>
Large	<b>3852</b>	16-24 mo.	4¾"	<b>3852L</b>	<b>3852R</b>
X-Large	<b>3853</b>	25-36 mo.	5½"	<b>3853L</b>	<b>3853R</b>

Please call for availability.

# SPECTRUM™ AFO SYSTEM



## 100

### Split Upright

Functionally efficient completely custom AFO with semi-rigid uprights, ankle axis articulation placement, EVA topcover, custom footplate, low-profile trimlines. Removable interface pads are designed to be washable and add needed comfort. Requires mid-calf cast. Can be made with Tamarack joints.

**L1970, L2820 suggested**



## 200

### Free Motion

Supremely flexible custom AFO with balanced footplates, custom ankle axis alignment and custom uprights that connect to posterior bar adding more stability, control and enhanced motion capabilities. Removable interface pads are designed to be washable and add needed comfort. Requires mid-calf cast. Also available with Tamarack joints.

**L1970, L2820 suggested**



## 300

### Dorsi-Assist

Superiorly designed custom AFO with custom-balanced footplates, custom uprights contoured to patient's lower leg for the ultimate fit. Tamarack joints assist patients with drop foot during the swing phase of gait. Removable interface pads are designed to be washable and add needed comfort. Requires mid-calf cast.

**L1970, L2820, 2210(x2) suggested**



## 2300

Synthetic Ankle Gauntlet

Synthetic foam inner shell, open or closed heel, heat moldable plastic structural shell, synthetic foam outer shell, metatarsal length foot plate, laced proximal Velcro® closure.

L1940, L2330, L2820 *suggested*



## 1400

Closed Heel Leather Ankle Gauntlet

Soft molded leather inner shell, 1/8" foam padding, closed heel, light-weight plastic inner shell, molded leather outer shell, metatarsal length foot plate, laced proximal Velcro® closure. Also available with articulating joint.

L1940, L2330, L2820 *suggested*



## 1500

Slim Leather Ankle Gauntlet



## AF1300

Leather Edema Ankle Gauntlet

## AF2400

Synthetic Edema Ankle Gauntlet

**For more details, call the Custom Fabrication Hotline at 877-737-8444**

Order forms may be downloaded at [www.orthomerica.com/forms](http://www.orthomerica.com/forms)

# CROW WALKER

NEUROPATHIC AFO

## KEY FEATURES

- Establishes plantigrade alignment of deformed foot and ankle structures
- Bi-valved, overlap design restricts or limits motion at the foot and ankle
- Lined with pressure and shear-dissipating materials
- Low profile rocker sole reduces load bearing forces to the metatarsal heads
- Prosthetic loading characteristics can be used to further reduce load bearing through the affected structures—can be fabricated with a “PTB” proximal section
- Custom insole allows relief and build-up to pressure-sensitive and pressure-tolerant areas of the foot
- Foot is supported deep within the orthosis to obtain maximum alignment, support and control
- Fast turnaround time

## KEY BENEFITS

- Promotes a smooth and efficient pattern of walking
- Enhances mobility and functional activities
- Protects the entire foot and ankle structures
- Reduces loading and shearing forces when total contact casting is not appropriate
- Soft lining materials store energy and dampen impact forces
- Distributes walking pressures to all parts of the foot and lower leg
- Promotes healing and helps to prevent reulceration secondary to Charcot joint changes and fractures

## GENERAL INDICATIONS

Used for the prevention and management of pressure ulcers caused by ischemia, direct trauma and/or repetitive stress often found in persons with:

- Chronic illness
- Diabetes mellitus
- Charcot joints
- Limited mobility
- Decreased sensation and/or paralysis
- Advanced age



Available in black, white and transfer patterns.  
Transfer patterns are an additional charge.

**KC Combo — Knee Control Orthosis** Practitioners managing patients with knee flexion instability in stance are often faced with the dilemma of whether the patient needs a knee ankle foot orthosis or just an AFO to correct the instability. Those with poor quadriceps may experience knee flexion in stance, especially if they lack strength and endurance. Locking up the knee all the time may interfere with the patient's ability to actively strengthen the muscles that will provide long term stability.

The KC Combo provides opportunities for developing knee control with the AFO alone, or with the attached knee component to provide more proximal alignment and stability.

#### Features

- Ring pin fastener attaches or detaches the knee orthosis quickly without the use of tools
- Growth adjustment option for pediatric applications
- Available with practitioner's choice of knee joints/locks
- Compatible with a variety of AFO designs including most TC Flex AFOs
- Patient-selected transfer patterns
- Total contact design fabricated from the practitioner's impression of the limb

#### Indications

- Knee flexion instability
- Patients who experience changing muscle strength in the lower limb
- Patients who are working towards eliminating the knee control portion of their lower limb orthosis
- Patients who need simultaneous stretching of the foot, knee and ankle to maintain range of motion
- Those patients who need a KAFO to stabilize the knee for standing and transfers
- Patients who wear an AFO for most activities, but require a KAFO for longer distances or prolonged standing
- Adults with central nervous system disorders including CVA, traumatic brain and spinal cord injuries



Ring pin fastener attaches or detaches the knee orthosis quickly without the use of tools

*For more details, call the*  
**Custom Fabrication Hotline at 877-737-8444**

*Order forms may be downloaded at*  
**[www.orthomerica.com/forms](http://www.orthomerica.com/forms)**

# HealPRO™

## Positioning Recumbent Orthosis

A cost-effective foot and ankle positioning orthosis designed to unweight the heel and protect the foot from potential ulcers and/or loss of dorsiflexion range of motion. This unique design suspends the heel and reduces pressure on the toes from bed linen to facilitate comfort and protect the skin. Designed primarily for patients spending long periods of time in a recumbent position, the HealPRO can improve clearance in swing phase and promote a neutral position during stance for limited ambulation. The external bootie cover can be used to cover the sole and toes when the patient is out of bed, then removed for infection control before the patient returns to bed.

### Indications

- Prevention of heel ulcers
- Unloading of pre-existing ulcer on posterior aspect of the calcaneus
- Surgical positioning of the lower limb
- Prevention of lower limb internal or external rotation while patient is supine
- Protection of fragile and compromised skin of the foot and ankle
- Foot drop without contractures
- Patients at risk to lose ankle range of motion secondary to recumbent positioning

### Contraindications

- Fixed ankle contractures
- Excessive swelling
- Washable liners—foam and fleece, are simple to remove and re-apply for cleaning
- CoolFoam™ wrap around proximal trim line reduces calf pressure
- Easy opening Velcro® tabs facilitate independent donning and doffing
- Rubber treaded sole to enhance safety
- Toe lift facilitates clearance in swing phase during ambulation
- Extension straps included for edema or bariatric patients
- Universal sizing—fits right or left, minimizing inventory



Available Fleece or CoolFoam™ Lined



Unique design unweights the heel to help prevent pressure ulcers



Internal or external anti-rotation device with a 90° stop

	Model #		Measured Foot Length	Maximum Calf Circ.*	Approx. Shoe Size		Replacement Liners Kit Model #	
	CoolFoam™ Lined	Fleece Lined			Women's	Men's	CoolFoam™	Fleece
Small	3530	3530F	8"-9"	16"	3-6	3-5	3530.01	3530F.01
Medium	3531	3531F	9"-10"	16"	6-9	5-8	3531.01	3531F.01
Large	3532	3532F	10"-11"	18"	9-12	8-11	3532.01	3532F.01
X-Large	3533	3533F	11"-12"	20"	12-15	11-14	3533.01	3533F.01

Optional Abductor Bar Kit Model # 3529.02

\*Overall circumference can be increased using included extension straps.

Kit includes replacement calf and toe pads, external cover and extension straps.





**UFO™ Universal Plantar Fasciitis Orthosis** The Universal Plantar Fasciitis Orthosis is a pre-fabricated night splint for the effective treatment of Plantar Fasciitis and Achilles Tendinitis. The UFO comfortably supports the affected foot in a controlled amount of dorsiflexion, applying a Low Load Prolonged Stretch (LLPS) to the soft tissues of the plantar fascia and Achilles tendon. LLPS promotes gentle stretching, healing and re-modeling of these tissues, effectively reducing the stress and pain caused by inflammation and tissue shortening. Such support can help break the cycle of injury, pain and re-injury due to otherwise unlimited contraction and deformity of the soft tissues at night.

The simple variable dorsiflexion design allows the patient to quickly and easily adjust the amount of applied stretch to provide the most effective pain relief.

- Adjustable bilateral dorsiflexion assist straps
- Coolfoam™ replaceable liner wicks moisture away from the skin for enhanced hygiene
- Non-skid pad included
- Five universal sizes fit both left and right feet

Size	Model No.	Shoe Size	Estimated Footplate Length	Brace Height
X-Small	<b>3619</b>	Men 5, Women 6 or less	8½"	13"
Small	<b>3620</b>	Men 5-7, Women 6-8	9½"	13"
Medium	<b>3621</b>	Men 7-9, Women 8-10	10½"	14"
Large	<b>3622</b>	Men 9-11, Women 10+	11"	15"
X-Large	<b>3623</b>	Men 11+	12"	16"

For replacement liners add .01 suffix, (e.g., 3620.01). Patient care instruction sheet included. Available custom-to-measurements.

**Pediatric UFO™** The pediatric UFO™ from Orthomerica is a comfortable, pre-fabricated orthosis for stretching and maintaining dorsiflexion range of motion. This unique lower-limb orthosis positions the foot and ankle in optimal alignment for placing stretch on the soleus while the patient is sleeping. When used in conjunction with a knee immobilizer, this orthosis can also stretch the two-joint gastrocnemius group.

**Indications**

- Cerebral Palsy or other neuromuscular diseases
- Idiopathic toe walking
- Severs disease
- Tightness at the foot and ankle
- Following Achilles tendon lengthening



Standard model is white co-poly with black straps, but purple butterflies and tornado transfer patterns are also available. Transfer patterns are subject to manufacturer's availability and can change without notice.

Size	Model #	Infant/ Toddler Shoe Size			Estimated Foot Plate Length	Brace Height
		US	UE	UK		
Small	<b>3614</b>	<0-7	16-23	0-6	5¼"	6½"
Medium	<b>3615</b>	7-10	23-27	6-9	6½"	8"
Large	<b>3616</b>	10-13>	27-31	9-13	7½"	10½"

For replacement liners add .01 suffix, (e.g., 3614.01) Universal sizing fits right or left. For Purple Butterflies transfer pattern add .02 suffix. For Tornado transfer pattern add .03 suffix. Surcharge applies for all transfer patterns. White Co-Poly, Butterflies and Tornado transfers are stock items and available for same-day shipment. Other transfer options are subject to additional upcharge and require a two-day lead-time.