Ankle-Foot Orthosis (AFO) Also available as Blanks (Untrimmed, No Strap)
Standard AFO design pre-fabricated from polypropylene to a ⅛" 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

<table>
<thead>
<tr>
<th>Size</th>
<th>Left</th>
<th>Right</th>
<th>Shoe Size</th>
<th>Brace Height</th>
<th>Calf Circ.</th>
<th>Footplate Length</th>
<th>Calf Band Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>3540</td>
<td>3545</td>
<td>Size 6 or less</td>
<td>12&quot;</td>
<td>13¼&quot;</td>
<td>6¼&quot;</td>
<td>8&quot;</td>
</tr>
<tr>
<td>Medium</td>
<td>3541</td>
<td>3546</td>
<td>Men 5-7, Women 6 or less</td>
<td>13¼&quot;</td>
<td>14&quot;</td>
<td>6¼&quot;</td>
<td>8&quot;</td>
</tr>
<tr>
<td>Large</td>
<td>3542</td>
<td>3547</td>
<td>Men 7½-10, Women 6½ up</td>
<td>14&quot;</td>
<td>14½&quot;</td>
<td>7&quot;</td>
<td>9&quot;</td>
</tr>
<tr>
<td>X-Large</td>
<td>3543</td>
<td>3548</td>
<td>Men 10½-13</td>
<td>14&quot;</td>
<td>15&quot;</td>
<td>7&quot;</td>
<td>9&quot;</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Size</th>
<th>Left</th>
<th>Right</th>
<th>Shoe Size</th>
<th>Brace Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>3510</td>
<td>3515</td>
<td>Men 5-7, Women 6 or less</td>
<td>12&quot;</td>
</tr>
<tr>
<td>Medium</td>
<td>3511</td>
<td>3516</td>
<td>Men 7½-10, Women 6½ up</td>
<td>13½&quot;</td>
</tr>
<tr>
<td>Large</td>
<td>3512</td>
<td>3517</td>
<td>Men 10½-13</td>
<td>13½&quot;</td>
</tr>
<tr>
<td>X-Large</td>
<td>3513</td>
<td>3518</td>
<td>Men 13 and up</td>
<td>14&quot;</td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Size</th>
<th>Left</th>
<th>Right</th>
<th>Shoe Size</th>
<th>Estimated Footplate Length</th>
<th>Brace Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>3500</td>
<td>3505</td>
<td>Men 5-7, Women 6 or less</td>
<td>9½”</td>
<td>10½”</td>
</tr>
<tr>
<td>Medium</td>
<td>3501</td>
<td>3506</td>
<td>Men 7½-10, Women 6½ and up</td>
<td>11”</td>
<td>11½”</td>
</tr>
<tr>
<td>Large</td>
<td>3502</td>
<td>3507</td>
<td>Men 10½-13</td>
<td>11”</td>
<td>13½”</td>
</tr>
<tr>
<td>X-Large</td>
<td>3503</td>
<td>3508</td>
<td>Men 13 and up</td>
<td>11¾”</td>
<td>15½”</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Size</th>
<th>Model #</th>
<th>Shoe Size</th>
<th>Estimated Footplate Length</th>
<th>Brace Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>3520</td>
<td>Men 5-7, Women 6 or less</td>
<td>11”</td>
<td>10½”</td>
</tr>
<tr>
<td>Medium</td>
<td>3521</td>
<td>Men 7½-10, Women 6½ and up</td>
<td>11½”</td>
<td>11½”</td>
</tr>
<tr>
<td>Large</td>
<td>3522</td>
<td>Men 10½-13</td>
<td>11¼”</td>
<td>13½”</td>
</tr>
<tr>
<td>X-Large</td>
<td>3523</td>
<td>Men 13 and up</td>
<td>11½”</td>
<td>15½”</td>
</tr>
</tbody>
</table>

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

Pre-fabricated finished AFOs for prevention of equinous 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

<table>
<thead>
<tr>
<th>Model #</th>
<th>Blanks Footplate Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Small</td>
<td>5½”</td>
</tr>
<tr>
<td>Small</td>
<td>6”</td>
</tr>
<tr>
<td>Medium</td>
<td>6½”</td>
</tr>
<tr>
<td>Large</td>
<td>7”</td>
</tr>
<tr>
<td>X-Large</td>
<td>7½”</td>
</tr>
</tbody>
</table>

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

Pediatric Metatarsus Adductus Brace*

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

<table>
<thead>
<tr>
<th>Size</th>
<th>Model # (pair)</th>
<th>Approx. Age</th>
<th>Maximum Foot Length</th>
<th>Model # (separate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Small</td>
<td>3849</td>
<td>0-2 mo.</td>
<td>3¼”</td>
<td>3849L 3849R</td>
</tr>
<tr>
<td>Small</td>
<td>3850</td>
<td>3-8 mo.</td>
<td>3¼”</td>
<td>3850L 3850R</td>
</tr>
<tr>
<td>Medium</td>
<td>3851</td>
<td>9-15 mo.</td>
<td>4¼”</td>
<td>3851L 3851R</td>
</tr>
<tr>
<td>Large</td>
<td>3852</td>
<td>16-24 mo.</td>
<td>4¼”</td>
<td>3852L 3852R</td>
</tr>
<tr>
<td>X-Large</td>
<td>3853</td>
<td>25-36 mo.</td>
<td>5½”</td>
<td>3853L 3853R</td>
</tr>
</tbody>
</table>

Please call for availability.

Orthomerica Products, Inc.  tel. 800-446-6770  fax. 800-638-9259  CustServ@orthomerica.com  |  SLO0135 Rev. C  October 2017  |  Foot & Ankle  page 55
**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, lightweight plastic inner shell, molded leather outer shell, metatarsal length foot plate, laced proximal Velcro® closure. Also available with articulating joint.
L1940, L2330, L2820 suggested

AF1300
Leather Edema Ankle Gauntlet

AF2400
Synthetic Edema Ankle Gauntlet

1500
Slim Leather Ankle Gauntlet

For more details, call the Custom Fabrication Hotline at 877-737-8444
Order forms may be downloaded at www.orthomerica.com/forms
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
**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

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

*Order forms may be downloaded at www.orthomerica.com/forms*
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 treded 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

Optional Abductor Bar Kit Model # 3529.02

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

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

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

<table>
<thead>
<tr>
<th>Size</th>
<th>Model #</th>
<th>Infant/ Toddler Shoe Size</th>
<th>Estimated Foot Plate Length</th>
<th>Brace Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>3614</td>
<td>&lt;0-7</td>
<td>5¼”</td>
<td>6½”</td>
</tr>
<tr>
<td>Medium</td>
<td>3615</td>
<td>7-10</td>
<td>6½”</td>
<td>8”</td>
</tr>
<tr>
<td>Large</td>
<td>3616</td>
<td>10-13&gt;</td>
<td>7½”</td>
<td>10½”</td>
</tr>
</tbody>
</table>

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.