



Pro Medical East



Custom
Bracing/Prosthetics
Catalog

2020

ORDERING INSTRUCTIONS

Custom/Prosthetic Ordering Process

1. Send patient demographics and insurance information to custombrace@promedeast.com or fax to (732) 657-9400
2. We will verify insurance and our CPO will contact you to schedule an appointment for an evaluation
3. Once evaluation is complete, PME will send you a script to fill out and send back.
4. Complete script and send back to PME.
5. PME will order the brace/prosthetic and go deliver the brace/prosthetic once its complete.

TABLE OF CONTENTS

PEDIATRIC CUSTOM BRACES

4

ADULT CUSTOM BRACES

6

PROSTHETICS

8

CARBON FIBER AFO

10

DIABETIC/ORTHOPEDIC SHOES

11

PEDIATRIC CUSTOM BRACES

Pediatric SMO



SURESTEP SMO: Compresses the soft tissues of the foot with its patented design; stabilizing children while still allowing for natural development.

TOE-WALKING MODIFICATION: designed for patients with low tone who toe walk due to sensory or stability concerns. It does not block plantarflexion. facilitates a heel-toe gait pattern by using compression and a posterior tongue extension which provides a kinesthetic reminder to stay down.



INDICATIONS:

- Pronation
- Hypotonia
- Triplanar instability in weight bearing
- Inability to stand independently
- Mild toe-walking
- Developmental delay
- Delay in acquiring gross motor skills
- Poor coordination or balance

INDY 2 DYNAMIC AFO/SMO



INDY 2 STAGE: Provides triplanar stability without restricting usage of the intrinsic musculature of the foot.

Available with these variation: Articulated, PLS, Dual Action, Solid

INDICATIONS:

- Hypertonia
- Flexible pronation or supination
- Poor proprioceptive awareness
- Difficulty with transitional skills
- Sagittal and/or frontal plane weakness

HINGED AFO



HINGED AFO: Hinged AFO incorporates flexible dorsum wings to provide triplanar stability and circumferential compression. The Hinged AFO is made with Free Motion Hinges, which are lighter and lower profile than traditional ankle joints.

INDICATIONS:

- Low muscle tone (Hypotonia)
- High muscle tone (Hypertonia)
- Flexible pronation or supination
- Poor proprioceptive awareness
- Sagittal and/or frontal plane weakness
- Excessive plantarflexion

PEDIATRIC CUSTOM BRACES

CUSTOM HEKO

HEKO: The HEKO offers 30 degrees of adjustability to fit any child's needs. The adjustable extension stops, anti-migration/suspension sleeves and two different hinge sizes make sure that HEKOs can provide support to children who need it.

INDICATIONS:

- Knee instability
- Genu recurvatum
- Flexible genu-valgum
- Genu-varum



DEROTATION STRAPS

DEROTATION STRAPS: Derotation Straps give children with mild femoral or tibial rotation the stability they need to play as they want. The latex-free elastic hook-and-strap system offers plenty of options for places to attach.

INDICATIONS:

- Flexible internal femoral rotation
- Flexible external femoral rotation
- Flexible internal tibial rotation
- Flexible external tibial rotation



KIDDIE GAIT

KIDDIE GAIT: Carbon composite with anterior shell, lateral strut, and an engineered footplate with open calcaneus. Anterior shell to assist in management of proximal deficits by helping to manage either knee hyperextension or crouch gait.

INDICATIONS:

- Foot Drop
- Spina Bifida
- Gait Deviation secondary to proprioceptive deficit
- Low tone crouch gait



FLOOR REACTION AFO

FLOOR REACTION AFO: AFO improves frontal plane stability and is capable of limiting transverse motions at the ankle/foot complex.

GRAFO can maintain affected joints in proper alignment, accentuate knee extension at midstance, and compensate for weakness in the triceps surae.

INDICATIONS:

- Adult Acquired Flatfoot
- Posterior Tibial Tendon Dysfunction
- Achilles Tendonitis
- Osteoarthritis
- Spina Bifida
- Cerebral Palsy
- Spinal cord injuries
- Post-polio paralysis



ADULT CUSTOM BRACES

CUSTOM SOLID AFO



CUSTOM SOLID AFO : This AFO supports, assists and controls the joints in the foot and ankle. This device provides optimal support utilizing thinner plastic and reduces distal length of the footplate

INDICATIONS:

- Foot drop
- Weak or absent plantar flexors and/or dorsiflexors
- Severe degenerative arthritis
- Lateral and medial instability of subtalar joint
- Trauma

CUSTOM HINGED AFO



CUSTOM HINGED AFO : The hinged AFO design helps manage abnormal motion or severe pronation in the transverse and frontal planes. It stabilizes the ankle area while reducing forefoot abduction or adduction.

INDICATIONS:

- Mild Posterior Tibial Tendon Dysfunction (PTTD)
- Mild degenerative arthritis
- Lateral and medial instability of subtalar joint
- Severe pronation
- Trauma

CUSTOM ARIZONA AFO GAUNTLET



CUSTOM ARIZONA BRACE: Soft comfortable molded leather inner shell lining. Padded with 1/8" medical grade foam. Polypropylene-reinforced foot and ankle. Metatarsal length foot plate.

Available in Sand, Black, White, Brown, and Pink with lace or Velcro closure.

INDICATIONS:

- PTTD (Posterior Tibial Tendon Dysfunction)
- Talocalcaneal varus or valgus
- Tibialis tendonitis (posterior or anterior)
- Severe pronation or pes planus
- Ankle arthritis or Degenerative Joint Disease (DJD)
- Charcot foot
- Ankle, subtalar or midtarsal trauma
- Chronic Achilles tendonitis

CUSTOM RITCHIE BRACE



CUSTOM RITCHIE BRACE: contoured balanced orthotic footplate articulated to adjustable semi-rigid lower leg uprights, the Richie Brace® is ideally suited to stabilize rotational forces at the Midtarsal, Subtalar and Talo-Crural joints.

INDICATIONS:

- Adult Acquired Flatfoot secondary to PTTD
- Lateral Ankle Instability
- DJD of Ankle or Rearfoot
- Peroneal Tendinopathy
- Dropfoot

ADULT CUSTOM BRACES

CUSTOM CROW BOOT

CUSTOM CROW BOOT: The crow boot/walker comes with a thermoplastic shell and optional 1/8" medical grade foam. Available in Black or Neutral and has a Velcro closure



INDICATIONS:

- Charcot Foot

KAFO

CUSTOM KAFO: A KAFO is a long-leg orthosis that spans the knee, the ankle, and the foot in an effort to stabilize the joints and assist the muscles of the leg.



INDICATIONS:

- Poliomyelitis
- Muscular Dystrophy
- Multiple Sclerosis
- Spinal Cord Injury

CUSTOM LSO/BACK BRACE

CUSTOM LSO: There are a variety of custom LSO available. Bivalve, Single Opening, Anterior Overlap, Corset Front, and more! Depending on the patient we will make the perfect brace for the condition.



INDICATIONS:

- Ankylosing Spondylitis
- Compression Fractures
- Degenerative, Herniated or Bulging Disc
- Laminectomy
- Lumbar Stabilization
- Spondylolysis
- Spondylolisthesis

CUSTOM TLSO/BACK BRACE

CUSTOM TLSO: There are a variety of custom TLSO available. Bivalve, Single Opening, Anterior Overlap, and more! Depending on the patient we will make the perfect brace for the condition.



INDICATIONS:

- Burst Fx
- Compression Fractures
- Kyphosis
- Laminectomy
- Osteoporosis
- Paraplegia
- Post-Operative
- Spinal Stenosis

PROSTHETICS

AK PROSTHETIC



AK Prosthetic: An above-knee (AK) prosthesis consists of a custom-made socket combined with a supportive frame, sockets, liners, adaptors, knee unit, pylon, and foot.

Our CPO will assess the patient to determine the best products for that patient.



BK PROSTHETIC



BK Prosthetic: A below-knee (BK) prosthesis will typically consist of a custom-made socket, a pylon and a foot.

Our CPO will assess the patient to determine the best products for that patient.



PROSTHETICS

HANDS AND ARMS

Prosthetic Arm/Hand: A prosthetic arm/hand comes in many varieties and types. From single fingers to complete arms, elbows and hands, our CPO will fit the patient with the best option for them.

We offer:

- Myoelectric arms and hands
- Body-powered prostheses
- Activity-specific prostheses
- Silicone restorative prostheses
- Partial hand and partial finger prostheses



TOE FILLER

Toe Filler: Partial foot amputees can use a toe filler to wear a regular shoe. Toe Fillers provide medial and lateral stability.

INDICATIONS:

- Trans Metatarsal amputations
- First Ray Hallux Digital Amputations
- Lateral Column/Fifth Digital Amputations



OFF-THE-SHELF CARBON FIBER AFO

POSTERIOR CARBON FIBER AFO



Posterior Spiral AFO L1951

The Carbon Fiber AFO's are lightweight with a dynamic, semi-flexible footplate and strut that stores and releases energy, assisting the patient through a natural gait cycle. The AFO's are structurally reinforced in high-stress areas for maximum durability.

- True Spiral design. Lateral Strut spirals to medial aspect
- Posterior, one-piece, continuous strand design
- Super-flexible calf band accommodates a wide range of circumferences
- Prefabricated sizes available XS, Small, Medium, and Large in right or left orientation
- Weight Limit: 275 lbs.

ANTERIOR CARBON FIBER AFO



Anterior AFO L1932

The Carbon Fiber AFO's are lightweight with a dynamic, semi-flexible footplate and strut that stores and releases energy, assisting the patient through a natural gait cycle. The AFO's are structurally reinforced in high-stress areas for maximum durability.

- Best choice for patients who pronate (valgus or eversion)
- Lateral Strut spirals to anterior aspect. One-piece, continuous strand design
- "Y" proximal, anterior trim line relieves the tibia tuberosity area
- Super-flexible calf band accommodates a wide range of circumferences
- Prefabricated sizes available XS, Small, Medium, and Large in right or left orientation
- Weight Limit: 275 lbs.

DIABETIC/ORTHOPEDIC SHOES

SHOES

We offer a full line of Diabetic and Orthopedic shoes from these manufacturers.

OrthoFeet®



ANODYNE
PREMIUM QUALITY

Apis
Footwear Co.



Propét

Pro Medical East also offers custom made shoes and shoe modifications.

CUSTOM SHOES

Custom Fabricated Shoes: Many patients qualify for custom fabricated shoes! We offer a full line of modifications and custom options tailored to the patient's condition. Our Orthotist will take a mold of the foot and fabricate the perfect shoes for the patient.



FUNCTIONAL ORTHOTICS

Functional Orthotics: We carry a variety of orthotics. Half Length, Full Length, Thin, and more. We also offer all modifications to help you walk without pain.



INDICATIONS:

- Plantar Fasciitis.
- Heel Spurs.
- Degenerative Joint Disease.
- Pes Planus (flat feet)
- Shin Splints.
- Posterior Tibial Tendonitis.
- Metatarsalgia



Pro Medical East

1950 Rutgers University Blvd

Lakewood, NJ 08701

P: (732) 657-9600

F: (732) 657-9400

custombrace@promedeast.com