





Tradition Meets Innovation

At Acor Orthopaedic, our journey began in 1972 as a patient care facility dedicated to Pedorthic, Orthotic, and Prosthetic care. Over the decades, we have evolved into a leading manufacturer of Custom and Retail orthopedic products, with a specialized focus on Ankle-Foot Orthotics (AFOs). Based in Cleveland, Ohio, our commitment to innovation and quality has enabled us to serve healthcare professionals and their patients worldwide.

Our team of Pedorthists, Orthotists, Prosthetists, Bio-Medical Engineers, and Artisan Craftsmen work collaboratively to meet the evolving needs of the orthopedics market. As the demands of our customers have grown, so too has our dedication to providing cutting-edge solutions. Today, we are proud to offer a comprehensive and continually expanding line of Custom AFOs and braces designed to enhance patient mobility and comfort.

Our Custom Ankle-Foot Orthotics

Acor's custom line of AXIS AFOs includes a variety of high-quality products such as gauntlets, balance braces, the Richie Brace, CROW walking boots, and traditional plastic AFOs. Each orthotic is meticulously crafted in the USA, reflecting our unwavering commitment to excellence. Our AFOs are designed to meet the diverse needs of your practice and your patients, ensuring optimal support and functionality.

Our Mission

Our mission at Acor is to deliver the best quality innovative orthopedic products and unmatched service to our valued customers. We are dedicated to continuous improvement and innovation, ensuring that our products not only meet but exceed the expectations of healthcare professionals and their patients.

Our Team

Acor's team comprises a diverse group of skilled professionals, including pedorthists, engineers, artisan craftsmen, and manufacturing specialists. United by a common goal, we strive to deliver exceptional solutions that address the unique challenges of your practice, supporting you in providing the highest level of care to your patients.

At Acor Orthopaedic, tradition meets innovation as we continue to advance the field of Custom Ankle-Foot Orthotics. We invite you to explore our latest AFO catalog and discover how our products can enhance your practice and improve patient outcomes.

Introducing the Acor 3D Scanning App



The Acor 3D Scanning App is an innovative solution for capturing detailed 3D scans of patients' feet using your iPhone or iPad. This integrated app is designed to streamline the orthotic and prosthetic production process, making it efficient and precise.

Paired with an iOS device featuring Apple's TrueDepth Camera or an iPad equipped with a Structure Sensor scanner, the Acor 3D Scanning App captures the shape of the foot and transforms it into a digital data set. This digital data can then be used to produce custom Ankle-Foot Orthotics of all types, simplifying what used to be a cumbersome and messy process.

To get started, download the 3DsizeMe app from the App Store and enter the Acor Bundle ID provided to you. Your orders will be sent automatically when uploaded using the Acor Bundle ID.

For more information, email custom@acor.com or call 800-237-2267 to speak with a customer service representative. For technical support, email TechMed 3D at support@techmed3d.com.

What's Inside

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PREMIUM AFO Gauntlet

Featuring EcoTex™ Engineered Leather

Features:

- Wrapped with EcoTex™ Engineered Leather
- Soft Volara® padded, rolled collar
- Molded polypropylene or QuikForm® inner shell
- Echocel® lined padding throughout
- Lined with EcoTex® Lite or optional Bamboolite®
- In-house turnaround time of 12-14 business days

Clinical Indications:

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

Suggested L Codes:

- L1940
- L2330
- L2820

Colors:

Black



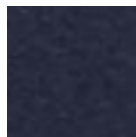
Brown



Bone



Navy



Purple



White



Pink



AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no upcharge on order form modifications like closure, trim-line, postings, footbed length, and more...

Made In USA

Articulating AFO Gauntlet

Featuring EcoTex™ Engineered Leather

Features:

- Wrapped with EcoTex™ Engineered Leather
- Soft Volara® padded, rolled collar
- Molded polypropylene or QuikForm® inner shell
- Echocel® lined padding throughout
- Lined with EcoTex® Lite or optional Bamboolite®
- In-house turnaround time of 12-14 business days
- Hinge options for dorsiflexion assistance

Clinical Indications:

- PTTD (Posterior Tibial Tendon Dysfunction)
- Talocalcaneal varus or valgus
- Tibialis tendonitis (posterior or anterior)
- Moderate pronation or pes planus
- Ankle arthritis or Degenerative Joint Disease (DJD)
- Paralytic equinus drop foot
- Trauma

Suggested L Codes:

- L1970
- L2330
- L2820

AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no upcharge on order form modifications like closure, trim-line, postings, footbed length, and more...

Made In USA



Colors:

Black



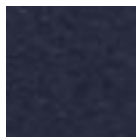
Brown



Bone



Navy



Purple



White



Pink





Extended Height AFO Gauntlet

Featuring EcoTex™ Engineered Leather

Features:

- Wrapped with EcoTex™ Engineered Leather
- Soft Volara® padded, rolled collar
- Molded polypropylene or QuikForm® inner shell
- Echocel® lined padding throughout
- Lined with EcoTex® Lite or optional Bamboolite®
- In-house turnaround time of 12-14 business days
- Wrapped or exposed plastic extension available

Clinical Indications:

- Post fractures of the distal tibia
- Post fractures of the ankle
- Subtalar and midtarsal trauma
- Heel ulcers
- Post surgical after midfoot and hindfoot trauma
- Charcot Foot
- Severe ankle instability

Suggested L Codes:

- L1960
- L2330
- L2820

AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no upcharge on order form modifications like closure, trim-line, postings, footbed length, and more...

Made In USA

Colors:

Black



Brown



Bone



Navy



Purple



White



Pink



Chopart Toe Filler AFO Gauntlet

Featuring EcoTex™ Engineered Leather

Features:

- Wrapped with EcoTex™ Engineered Leather
- Soft Volara® padded, rolled collar
- Molded polypropylene or QuikForm® inner shell
- Echocel® lined padding throughout
- Lined with EcoTex® Lite or optional Bamboolite®
- In-house turnaround time of 12-14 business days
- Partial foot toe filler with soft flex point
- Removable custom P-Cell® + Echocel® footbed

Clinical Indications:

- Trans-metatarsal amputation
- Chopart's amputation
- Syme's amputation

Suggested L Codes:

- L1940
- L2330
- L2820
- L5000



Colors:

Black



Brown



Bone



Navy



Purple



White



Pink



AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no upcharge on order form modifications like closure, trim-line, postings, footbed length, and more...

Made In USA



STANDARD AFO Gauntlet

Easier, Faster, Better...

Features:

- Wrapped with EcoTex™ Engineered Leather
- Lace or Velcro closure options
- Molded polypropylene inner shell
- P-cell® padding throughout
- Lined with EcoTex® Lite
- Faster in-house turnaround and delivery
- Simplified order form

Clinical Indications:

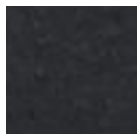
- PTTD (Posterior Tibial Tendon Dysfunction)
- Talocalcaneal varus or valgus
- Tibialis tendonitis
- Severe pronation or pes planus
- Chronic Achilles tendonitis
- Ankle arthritis or Degenerative Joint Disease (DJD)
- Ankle, subtalar or midtarsal trauma

Suggested L Codes:

- L1940
- L2330
- L2820

Colors:

Black



Brown



Bone



AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no hassle order form

Made In USA



Active AFO Gauntlet

A lighter weight, more breathable alternative to the classic AFO Gauntlet.

Features:

- Wrapped with breathable nylon spacer textile
- Molded polypropylene or QuikForm® inner shell
- Echocel® padding throughout
- Lined with breathable nylon spacer textile
- In-house turnaround time of 12-14 business days

Clinical Indications:

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

Suggested L Codes:

- L1940
- L2330
- L2820

AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no upcharge on order form modifications like closure, trim-line, postings, footbed length, and more...

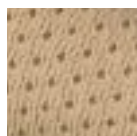
Made In USA

Colors:

Black



Tan





Short Trimline AFO Gauntlet

Featuring EcoTex™ Engineered Leather

Features:

- Wrapped with EcoTex™ Engineered Leather
- Molded polypropylene or QuikForm® inner shell
- Echocel® lined padding throughout
- Lined with EcoTex® Lite or optional Bamboolite®
- In-house turnaround time of 12-14 business days

Clinical Indications:

- PTTD (Posterior Tibial Tendon Dysfunction)
- Talocalcaneal varus or valgus
- Extreme flatfoot
- Sinus Tarsi Syndrome
- Low tone
- Peroneal tendonitis
- Plantar fasciitis
- Osteoarthritis of the subtalar and midtarsal joints

Suggested L Codes:

- L1940
- L2330

Colors:

Black



Brown



Bone



AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no upcharge on order form modifications like closure, trim-line, postings, footbed length, and more...

Made In USA



Assist Balance Brace

For use in comprehensive fall prevention plans.

Features:

- Easy to use Velcro® straps
- Light weight polypropylene shell
- Open dorsal, low-profile design allows easy fit into shoes
- Padded fabric liner covering is light weight and durable
- P-Cell® or padded nylon fabric liner for comfortable interface
- In-house turnaround time of 12-14 business days
- Custom built-in orthosis

Clinical Indications:

- Difficulty walking or maintaining balance
- History of falls
- Vestibular Disorder
- Chronic ankle instability
- Arthritic ankle
- Stroke imbalance/ foot drop
- Diabetic peripheral neuropathy

Suggested L Codes:

- L1940
- L2820

AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no upcharge on order form modifications like closure, trim-line, postings, footbed length, and more...

Made In USA

Colors:

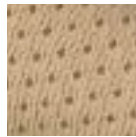
Black EcoTex



Black



Tan





BASIC Plastic AFO

Classic plastic AFO construction.

Features:

- Polypropylene shell
- Customizable profile designs
- Metatarsal, sulcus or full length foot plate
- Anterior closure with soft Volara® Padding

Clinical Indications:

- Foot drop
- Weak or nonexistent plantar flexion or dorsiflexion
- Degenerative arthritis
- Lateral and/or medial instability in subtalar joint
- Trauma

Suggested L Codes:

- L1960

AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no upcharge on order form modifications like closure, trim-line, postings, footbed length, and more...

Made In USA



Articulating Plastic AFO

Classic plastic AFO construction.

Features:

- Polypropylene shell
- Customizable profile designs
- Metatarsal, sulcus or full length foot plate
- Anterior closure with soft Volara® Padding
- Choice of Tamarack ankle hinges

Clinical Indications:

- PTTD (Posterior Tibial Tendon Dysfunction)
- Foot drop
- Lateral and medial instability of subtalar joint
- Degenerative arthritis
- Severe pronation
- Trauma

Suggested L Codes:

- L1970

AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no upcharge on order form modifications like closure, trim-line, postings, footbed length, and more...

Made In USA



Floor Reaction AFO

Classic plastic AFO construction.

Features:

- Polypropylene shell
- Customizable profile designs
- Metatarsal, sulcus or full length foot plate
- Anterior closure with soft Volara® Padding

Clinical Indications:

- PTTD (Posterior Tibial Tendon Dysfunction)
- Spina Bifida
- Cerebral Palsy
- Achilles tendonitis
- Adult acquired flatfoot
- Osteoarthritis
- Post-polio paralysis

Suggested L Codes:

- L1960

AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no upcharge on order form modifications like closure, trim-line, postings, footbed length, and more...

Made In USA



C.R.O.W. Boot

Charcot Restraint Orthotic Walker

Features:

- Bi-valve construction
- 20 Durometer Volara® lining
- Removable/adjustable tri-laminated insert
- (P-Cell® + Medical Grade PORON® + Volara®)
- Rocker Sole with Acor's® crinkle tread soling
- Dual pull closure
- Fully enclosed forefoot

Clinical Indications:

The Acor C.R.O.W. walking boot is recommended for Charcot foot and offers complete subtalar immobilization and plantar surface offloading.

Suggested L Codes:

- L4631

AXIS Standard Features:

- Free shipping on inbound casts
- Scans accepted
- One competitive price with no upcharge on order form modifications like closure, trim-line, postings, footbed length, and more...

Made In USA

Colors:  



Colors:

Black



Tan



White



The Richie Brace® Custom

A unique custom ankle foot orthosis for extraordinary control of the ankle and hind foot.

Features:

- Custom orthotic footplate
- 35 mm contoured heel cup
- Anatomic ankle hinge placement
- Semi-rigid lower limb supports
- Adjustable limb support straps

Clinical Indications:

- Adult Acquired Flatfoot secondary to PTTD
- Lateral Ankle Instability
- DJD of Ankle or Rearfoot
- Peroneal Tendinopathy
- Dropfoot (Restricted Pivot or Dynamic Assist options)

Suggested L Codes:

- L1970

AXIS Standard Features:

- 14 day turn around
- Free shipping on inbound casts
- Scans accepted

Made In USA



Colors:

Black



Tan



White



The Richie Brace® Dynamic Assist

A unique custom ankle foot orthosis for extraordinary control of the ankle and hind foot.

Features:

- Custom balanced orthotic footbed
- 35 mm contoured heel cup
- Anatomic ankle hinge placement
- Tamarack flexural ankle joints
- Dynamic dorsiflexion-assist provides up to 15° of dorsiflexion
- Semi-rigid lower limb supports
- Control of varus/valgus alignment of the foot
- Pure, unrestricted sagittal ankle motion

Clinical Indications:

- Dropfoot
- Peroneal Nerve Injury
- Post-CVA

Suggested L Codes:

- L1970
- L2820
- L2210

AXIS Standard Features:

- 14 day turn around
- Free shipping on inbound casts
- Scans accepted

Made In USA



Colors: Black

The Richie Brace® OTC

Prefabricated AFO with flexion ankle joints.

Features:

- Prefabricated orthotic footplate in four sizes
- Full flexion ankle joints or restricted hinge ankle options
- Adjustable Velcro® strap closures

Clinical Indications:

- Acute ankle sprain
- Tendinopathy of the foot and ankle
- Sport-related ankle injuries

Benefits:

- Powerful footplate control of the ankle and hindfoot
- Economical on-the-spot treatment of acute injuries
- Interim brace before custom AFO

Made In USA



Colors: Black

The Richie Brace® OTC Dynamic Assist

Prefabricated AFO with dorsiflexion assistive ankle joints.

Features:

- Prefabricated orthotic footplate in four sizes
- Tamarack dorsiflexion assist flexure joints
- Prefabricated contoured orthotics footplate
- Lightweight adjustable leg uprights
- Open posterior ankle- Adjustable Velcro® strap closures

Clinical Indications:

- Dropfoot secondary to CVA or nerve injury
- Peroneal tendinopathy
- Tibialis anterior tendinopathy
- Lateral ankle instability

Benefits:

- On-the-spot treatment of ankle conditions accompanies by weakness of tendons or ligaments
- Powerful control of inversion/eversion
- Economical on-the-spot treatment of acute injuries
- Interim brace before custom AFO

Made In USA

Wear & Care



Your patient's ankle-foot orthosis (AFO) has been custom-designed and handcrafted to meet their unique ankle and foot needs. By advising them to follow these guidelines, you can help extend the life of their AFO and ensure it continues to provide effective therapy.

Initial Wear

- **Adjustment Period:** Inform patients that it may take a short period before the AFO feels natural. Emphasize that a proper fitting AFO should apply a snug fit and steady pressure against the skin.
- **Skin Inspection:** Advise patients to remove the AFO and their sock after 1-2 hours of initial wear to inspect the skin for any redness. If redness persists after 30 minutes, recommend that they contact you and continue to monitor the area.
- **When to Contact a Professional:** Instruct patients to contact you immediately if they experience any of the following:
 - Sharp or stabbing pain
 - Unusual swelling
 - New bruises, calluses, or blisters

Cleaning and Care

- **Daily Skin Care:** Recommend that patients wash the skin covered by the orthosis, including the bottom of the foot and between the toes, daily with mild soap and warm water. They should rinse thoroughly and dry completely.
- **Cleaning the AFO:** Patients should hand wash their AFO with mild soap and water using a clean cloth. After applying the soap and water solution, they should rinse the cloth thoroughly and wipe the AFO surfaces clean of any soap residue. Air drying is essential—no heat should be used.
- **Maintenance:** Advise patients to have any worn, cracked, or broken portions of their orthosis assessed and repaired by you as soon as possible.

Socks

- **Proper Wear:** Patients should always wear a clean sock or stocking with their AFO to reduce friction and protect it from perspiration. Socks should extend beyond the top line of the AFO against the ankle or leg.
- **Hygiene:** Recommend that patients change socks daily and as needed to reduce perspiration buildup. Suggest the use of baby powder to help keep them dry and comfortable.

Shoes

- **Selection:** Encourage patients to use a proper fitting lace-up shoe for the best results. Shoes with removable insoles and/or added depth may be necessary to accommodate the AFO.
- **Consistency:** Advise patients to maintain a consistent heel height when switching between shoes.
- **Monitoring Wear:** Instruct patients to notify you if they notice any irregular wear patterns on the soles of their shoes.

If you have any additional questions about the wear and care of your patient's device, please consult with us directly.

By following these guidelines and advising your patients accordingly, you can ensure the optimal performance and longevity of their custom AFOs, supporting their mobility and comfort effectively.

Where to Buy Acor Products

USA

Acor SPS/Hanger Cascade Pel Supply Empire Medical Inova Orthopedics
Allied Plastic Supply Oregon Leather Co. Friddles Orthopedic Appliances

Puerto Rico/Central America

Inova Orthopedics Omega Prosthetic

Canada

OrtoPed Vittoria Phoenix National Shoe

Europe

Frecoma

Australia/New Zealand

Mason Grogan Footcom

South Africa

Ortholam

WARRANTY

Warranty Information

Acor® Orthopaedic stands behind the quality of its products in terms of workmanship, materials, and fit. Should a product found to be warrantied under the policy below, it's Acor's option to replace or repair the orthoses in question once it has been returned for inspection.

Terms: 1YEAR - Any cracking or breaking found to occur in the plastic of the orthoses. 90 DAYS - Any defect in craftsmanship or durability with regards to consumable portions of the orthoses (i.e. leather, straps, fabric covering, and laces.) See Richie Brace order form for warranty information specific to that device.

Not Warrantied - 1.) Orthoses that have been altered or repaired outside of Acor Orthopaedic's official manufacturing facility. 2.) Any orthoses found to have damage caused from accidents, misuse, and/or abuse. 3.) Adjustments necessary due to changes in the physical condition of the wearer. 4.) Any repairs or replacements that exceed the original cost of the orthoses will incur additional charges.



Acor[®] Orthopaedic

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