



CHARLESTON BRACE COMPANY
Restoring your quality of life



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CHARLESTON BRACE COMPANY

A Central Fabrication Facility fabricating:

CFO's (Custom Foot Orthotics)

AFO's (Ankle Foot Orthoses)

SMO's (Supra-Malleolar Orthoses)

UCB's (Sub-Malleolar Orthoses)

for all types of foot and ankle deformities, from mild to severe, including:

- ▶ PES PLANUS/PLANOVALGUS
- ▶ PES CAVOVARUS
- ▶ METATARSALIGIA
- ▶ FOOT DROP
- ▶ POSTERIOR TIBIAL TENDON DYSFUNCTION
- ▶ METATARUS ADDUCTUS
- ▶ PERONEAL TENDINOPATHY
- ▶ DEGENERATIVE ARTHRITIS



We also specialize in dynamic CFO's for athletes and dual/tridensity CFO's with accommodations for all diagnoses.

- ▶ FAT PAD ATROPHY
- ▶ HALLUX VALGUS
- ▶ PRE-ULCERATIVE CALLUSES
- ▶ CHARCOT DEFORMITY
- ▶ HEEL PAIN
- ▶ MORTON'S NEUROMA
- ▶ TARSAL COALITION
- ▶ DIGITAL, TRANSMETATARSAL, LIS FRANC, AND CHOPART AMPUTATIONS



PLANTAR FASCIITIS RELIEF (PFRO)

The PFRO provides control and support to relieve plantar fascial pain and maintain functional biomechanical control.



Designed for

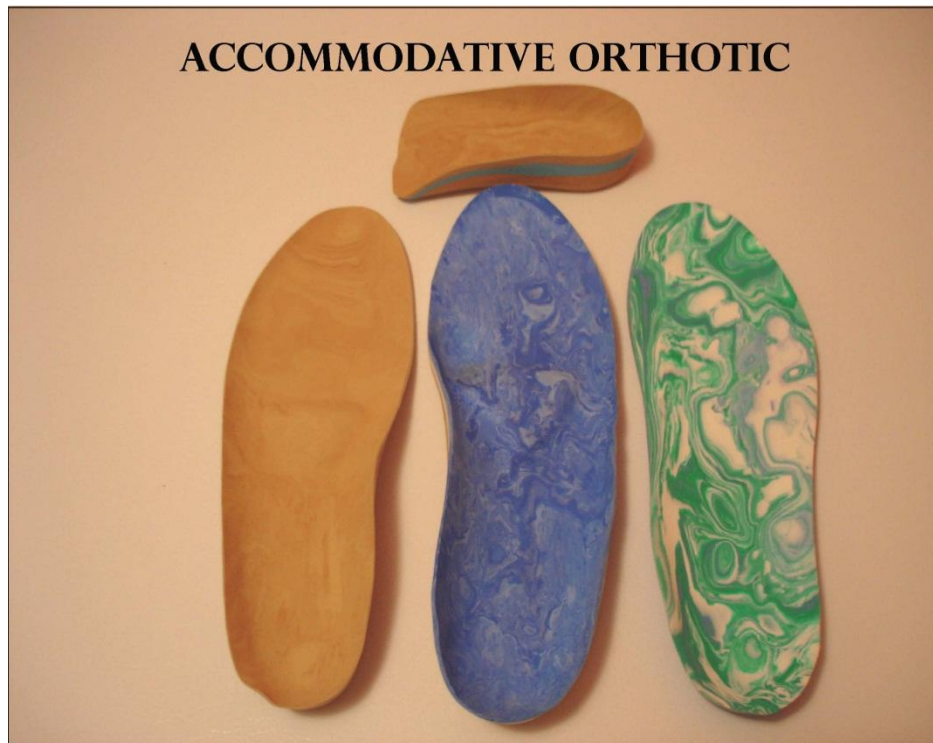
- ▶ Heel spur relief
- ▶ Plantar Fascial strain or pain
- ▶ Chronic heel pain

Fabricated with

- ▶ 1/8 " or 1/16" Polypropylene shell
- ▶ Heel pad
- ▶ Intrinsic Fore-foot post
- ▶ Intrinsic Rear-foot post also available
- ▶ Extrinsic rear-foot post

ACCOMMODATIVE CFO

This style of orthosis is designed to meet the needs of most podiatric cases that require support and control without rigidity.



Designed for

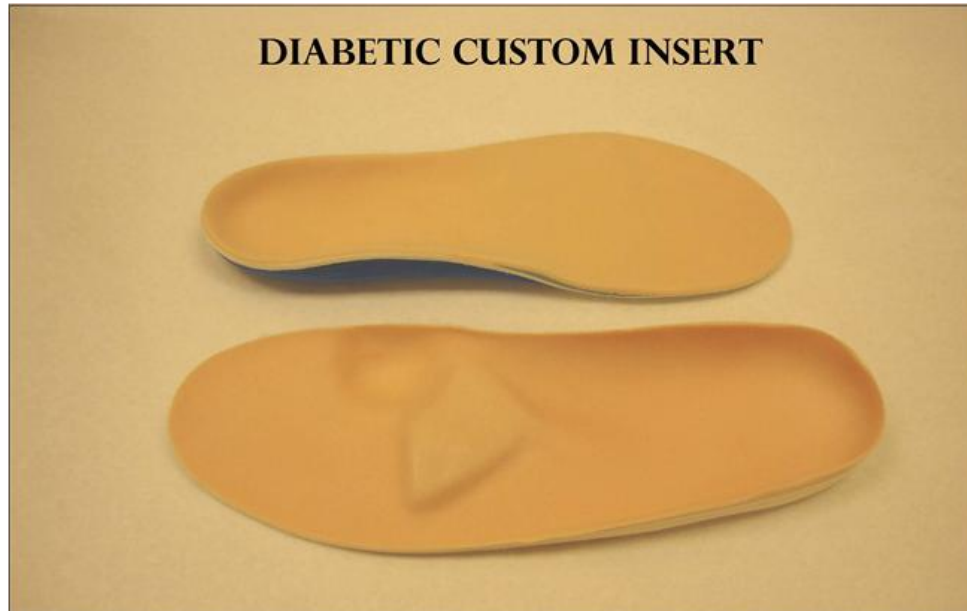
- ▶ Pes Planus/Pes Cavus
- ▶ Posterior Tibial Tendon insufficiency
- ▶ Tarsal Tunnel Syndrome
- ▶ Mild Hallux Valgus
- ▶ Metatarsalgia

Fabricated with

- ▶ EVA foams
- ▶ Poron/PPT
- ▶ 65 Durometer Cork/55 Durometer Cork-lite

CUSTOM DIABETIC FOOT ORTHOTIC

This modality can be fabricated with met-pads, heel pads, and/or Poron (spongy cushioning) metatarsal bars with cutouts to accommodate recurring callusing.



*Designed for Diabetic and
Neuropathic pathologies including:*

- ▶ Pre-ulcerative callus
- ▶ Pes Planus/Pes Cavus deformity
- ▶ Hallux Valgus
- ▶ Controlled Charcot deformity
- ▶ Fat pad atrophy
- ▶ Foot pain

Fabricated with

- ▶ Plastazote
- ▶ Poron/PPT
- ▶ 35 Durometer Pe-lite
(for heavier patients)
- ▶ 65 Durometer Cork/55
Durometer Cork-lite

CHARLESTON AFO

The Charleston AFO is designed to treat Frontal, Sagittal and Tranverse plane motions. Available in black, brown, beige and clear plastic.



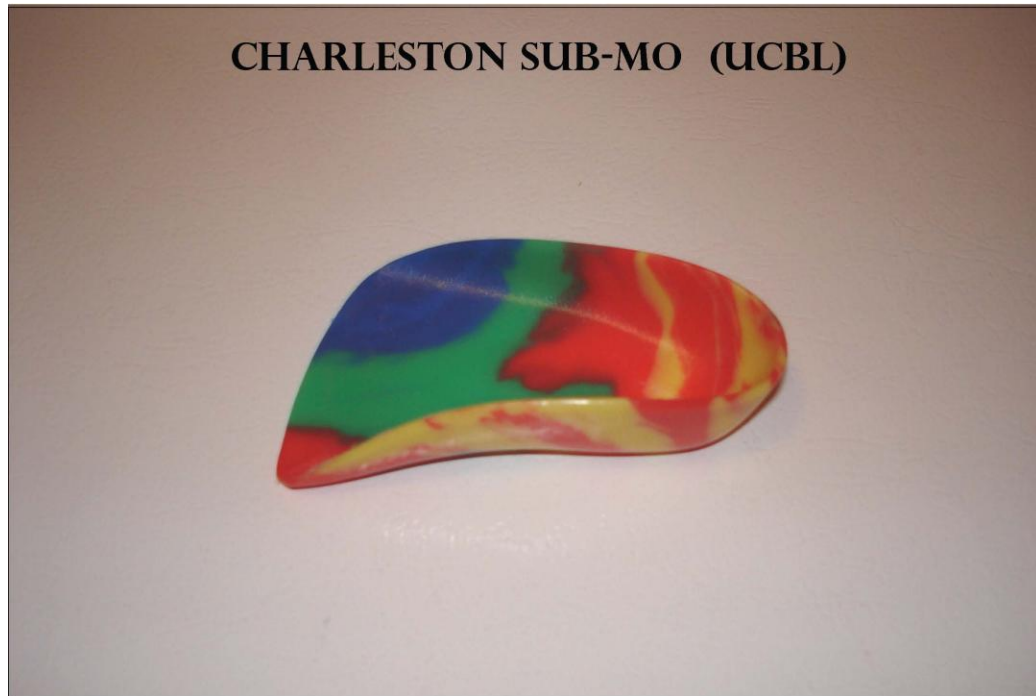
Designed For

- ▶ Ankle Instability
- ▶ Posterior Tibial Tendon Dysfunction/Tendonitis
- ▶ Degenerative Arthritis
- ▶ Peroneal Palsy/Tendonitis
- ▶ Foot Drop (with Charleston Assist)
- ▶ Charcot Deformity
- ▶ Tarsal Coalition

Fabricated With

- ▶ 3/16" Copolymer
 - ▶ Intrinsic Rear foot post
 - ▶ Extrinsic Fore foot post
 - ▶ 75 or 85 Durometer
- Dorsiflexion Assist joints for Charleston Assist AFO

CHARLESTON SUB-MO (UCBL)



Designed for

- ▶ Hindfoot Varus/Valgus
- ▶ Provides Medial Longitudinal Arch Support
- ▶ Pes Planovalgus/Pes Cavovarus
- ▶ Posterior Tibial Tendonitis
- ▶ Heel pain
- ▶ Mild ankle instability

Fabricated with

- ▶ 2 or 3mm Subortholen
- ▶ Intrinsic fore foot and rear foot posts available
- ▶ Extrinsic Fore foot and Rear foot posts available

CHARLESTON SUB-MO WRAP (UCBL)

This is similar to the original UCB, except the SUB-MO Wrap increases control with the dorsal wrap by counteracting Varus/Valgus weakness at the heel and inversion/eversion at the mid-foot. It provides excellent control of Metatarsus Adductus (clubfoot) by using Intrinsic Rear foot and Fore foot posts.



Designed for

- ▶ Hind foot Varus/Valgus
- ▶ Provides Medial Longitudinal Arch Support
- ▶ Pes Planovalgus/Pes Cavovarus
- ▶ Posterior Tibial Tendonitis
- ▶ Heel pain
- ▶ Mild ankle instability

Fabricated with

- ▶ 1/8" Semi-flexible Polyethylene
- ▶ Both Intrinsic and Extrinsic posts are available

CHARLESTON SUPRA-MO WRAP (SMO)

The polyethylene wraps across the dorsum of the foot to provide total varus/valgus control at the heel and inversion/eversion control at mid-foot. It provides excellent control of Metatarsus Adductus (clubfoot), Intrinsic fore foot and rear foot post.



Designed for

- ▶ Ligamentous Laxity
- ▶ Hind foot Varus/Valgus
- ▶ Provides Medial Longitudinal Arch Support
- ▶ Mild/Severe Pes Planovalgus/Pes Cavovarus
- ▶ Posterior Tibial Tendonitis
- ▶ Heel pain

Fabricated with

- ▶ 1/8" Semi-flexible Polyethylene
- ▶ Molded Puff foam inner boot

CHARLESTON COMFORT



Designed for

- ▶ Highly active to semi active patients
- ▶ Semi-rigid to rigid arch support
- ▶ Posterior Tibial Tendon Tendonitis/
Dysfunction/Insufficiency
- ▶ Pes Cavus/Pes Planus deformity
- ▶ Apophysitis
- ▶ Shin splints
- ▶ Tarsal Tunnel Syndrome
- ▶ Tarsal Coalition

Fabricated with

- ▶ Vinyl top cover
- ▶ Poron/PPT mid-layer and arch
fill
- ▶ 1/8" or 1/16" polypropylene shell

CHARLESTON SOFT

Patient molds/casts not necessary



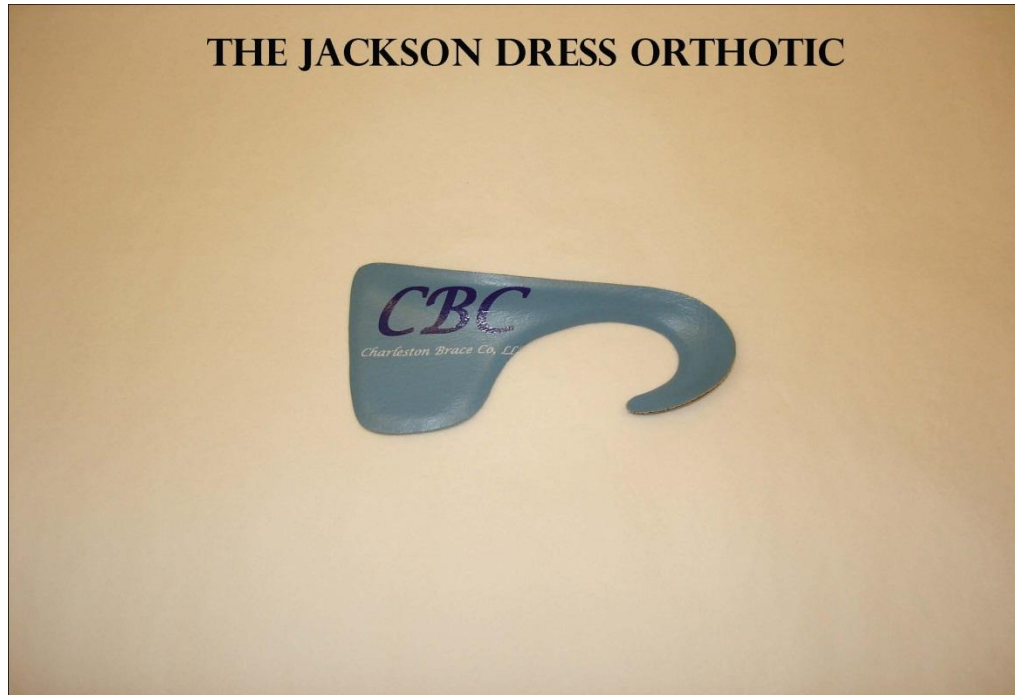
Designed for

- ▶ Comfortable arch support
- ▶ Metatarsalgia
- ▶ Heel pain
- ▶ Fat Pad Atrophy
- ▶ Rheumatoid Arthritic foot
- ▶ Mild Pronation
- ▶ Morton's Neuroma
- ▶ Sesamoiditis

Fabricated with

- ▶ Vinyl top cover
- ▶ Poron/PPT mid-layer
- ▶ Intrinsic Rear foot to reduce thickness of orthotic or low Extrinsic post
- ▶ Metatarsal/Dancer's Pad available (float the First Metatarsal Head)

JACKSON DRESS ORTHOTIC



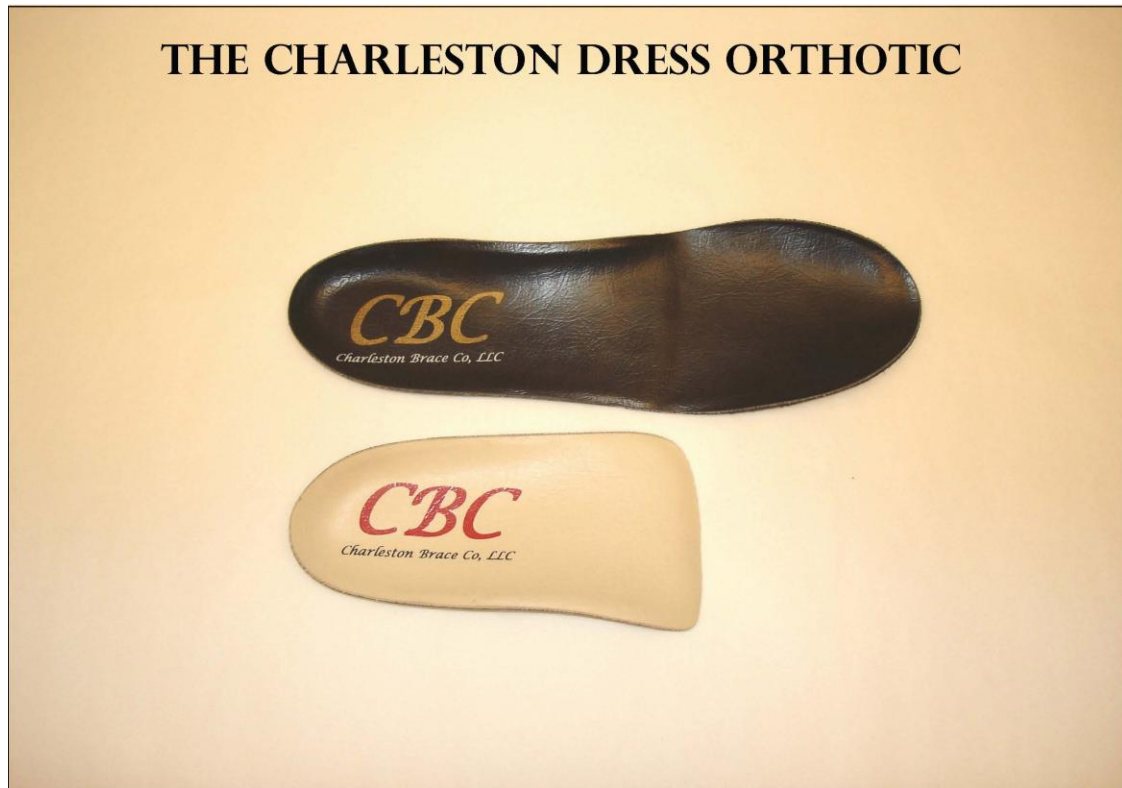
Designed for

- ▶ Dress orthotic for daily use
- ▶ Limited shoe space
- ▶ Medial Longitudinal Arch Support
- ▶ Pes Cavus/Pes Planus deformity
- ▶ Metatarsalgia/Sesamoiditis
- ▶ Tarsal Tunnel Syndrome
- ▶ Hallux Valgus
- ▶ Morton's Neuroma

Fabricated with

- ▶ Vinyl topcover
- ▶ Thin Graphite
- ▶ 1/4" Poron/PPT
- ▶ Poron/PPT arch fill
- ▶ Optional heel pad or met pad
- ▶ Extrinsic Fore foot and rearfoot post only

CHARLESTON DRESS ORTHOTIC



Designed for

- ▶ Dress orthotic for daily use
- ▶ Limited shoe space
- ▶ Medial Longitudinal Arch

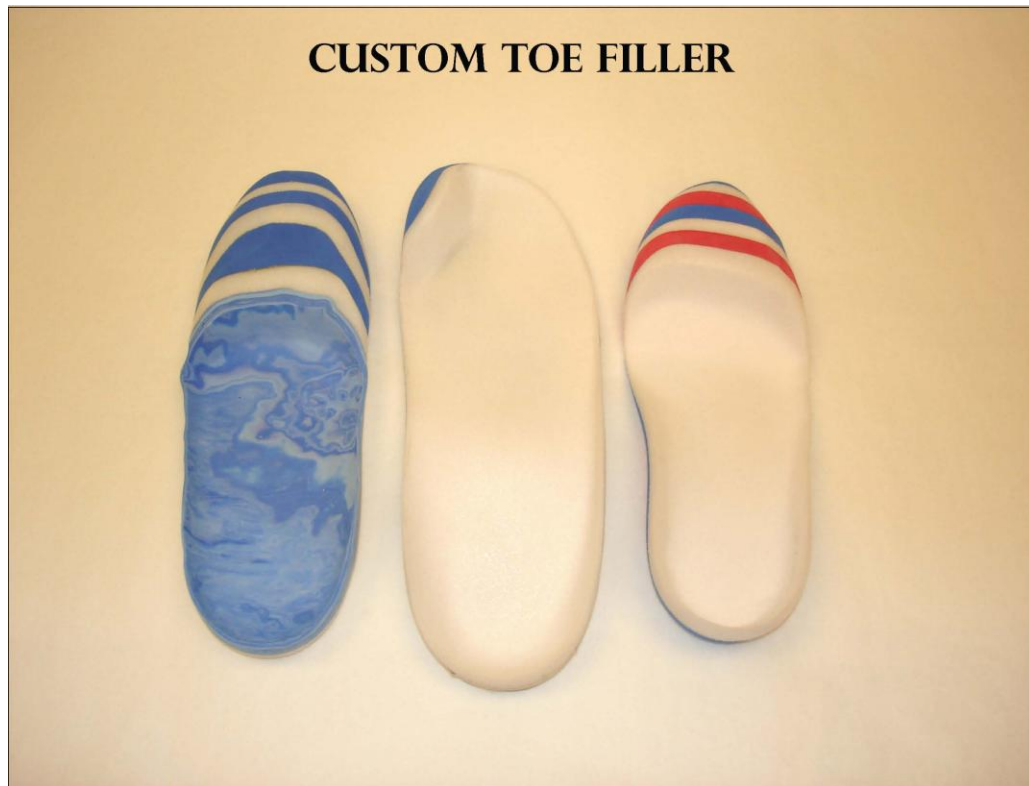
Support

- ▶ Pes Cavus/Pes Planus deformity
- ▶ Metatarsalgia/ Sesamoiditis
- ▶ Tarsal Tunnel Syndrome
- ▶ Hallux Valgus
- ▶ Morton's Neuroma

Fabricated with

- ▶ Vinyl top cover
- ▶ Semi-flexible to rigid Graphite
- ▶ Poron/PPT mid-layer
- ▶ Intrinsic Rear foot to reduce thickness of orthotic or low Extrinsic post
- ▶ Metatarsal/Dancer's Pads available

CUSTOM TOE FILLER



Designed for

- ▶ Great Toe, Trans-Metatarsal, LISFRANC and CHOPART Amputations
- ▶ Prevents shearing and forward migration of foot during ambulation

Fabricated with

- ▶ 3/8" Medium Plastazote
- ▶ Semi-flexible arch fill
- ▶ Flexible Graphite plate adhered to bottom of orthotic to assist Toe-off

PRICE LIST

<i>Custom Insert</i>	<i>\$90</i>
<i>Diabetic Insert</i>	<i>\$80</i>
<i>Charleston Dress Orthotic (Carbon Fiber)</i>	<i>\$105</i>
<i>Custom Toe Filler with Carbon Plate</i>	<i>\$150</i>
<i>Charleston Supra-Mo Wrap</i>	<i>\$250</i>
<i>Charleston AFO</i>	<i>\$300</i>
<i>Charleston Assist AFO</i> <i>(Dorsiflexion assist joints)</i>	<i>\$375</i>
<i>Solid Ankle Arizona AFO (Ankle Gauntlet)</i> <i>(Controls Sagittal, Frontal and Transverse plane motions)</i>	<i>\$450</i>
<i>Articulating Arizona AFO</i> <i>(Controls Frontal plane motion)</i>	<i>\$550</i>
<i>Refurbishing on CFO's and AFO's</i>	<i>\$40</i>

All orders are processed within 10 business days
Rush orders available for a fee of \$25
Prices include modifications
All molds are discarded after 90 days