The Company to Lead You into the Future of Footcare

Custom Orthotic Catalog and Selection Guide
ComfortFit Labs is a company with over 50 years of solid orthotic experience and a commitment to operational excellence. ComfortFit Labs was created with the goal of producing a quality orthotic at a reasonable cost with superior customer service and technical support. We are focused on our customer and strive to make working with us as simple and pleasant as possible. This is evident in our decision to offer you several ways to place an order, have your finished product shipped back to you, and communicate to us your needs as well as those of your patients. Not to mention our flat-rate orthotic pricing that includes ALL inbound and outbound freight, no charge rush option, and our interactive website with downloadable order forms, detailed product information and our customer order status feature that allows you to track all of your orders as they move through our lab.

Our clients demand orthotics made from the highest-quality materials available and that is what we deliver. We manufacture our custom orthotics from your patients’ individual molds or scanned data, and all the biomechanics of the foot are considered while filling your prescriptions. ComfortFit’s quality assurance program and in-process inspection creates a standard of excellence not found in most orthotic labs. This insures that your patients’ orthotics are accurate each and every time. All of our orthotic shells carry a lifetime guarantee against breakage. All other components of our orthotics carry a standard six-month guarantee against workmanship or defects. After the initial six-month guarantee, all repairs and adjustments will be charged at our standard flat-rate repair charges. During the six-month guarantee, ComfortFit Labs will adjust and repair all orthotic components as requested at no charge for material, labor or freight. Additionally, we offer a two-year protection warranty on all of our orthotics. The Comfort Zone protection policy covers your patients’ orthotics regardless of what may happen to their orthotics during this period. All work done on the devices will be at no charge.

Our repair service is unmatched by other labs. We offer two flat-rate repair options: Basic and Comprehensive. Our Basic repair service will provide you with new top covers, new bottom covers and poron extensions or poron over the shell, while our Comprehensive repair service provides a complete rebuild of the old orthotics, including new posting, arch fill and replacement of most standard accommodations. We can refurbish orthotics manufactured by any lab to a like-new condition and provide a six-month guarantee.

Our mission statement is “The Company to Lead You into the Future of Footcare” and that is because our goal is to be a leader in proven, accurate technology that streamlines the fabrication of custom foot orthotics. This is important for you and your patients. Our investment in technology has been focused on these factors: accuracy, consistency, reliability, ease of use and affordability. Our current in-office scanning technology offers you faster turnaround time, eliminates messy casting procedures, is easy to operate with no calibration required and is portable from room to room. This will save you time and money — not to mention headaches. Of course, we accept any method of casting, including traditional plaster casts, STS fiberglass casts, and foam impression boxes. We offer video casting tutorials on our website and downloadable step-step text instructions for all of the listed methods.

The entire team at ComfortFit Orthotic Labs is dedicated to your total satisfaction. We are proud of the products we produce and equally proud that our clients refer us to their fellow practitioners. ComfortFit Orthotic Labs will continue to listen, learn and exceed your expectations today, tomorrow, and well into the millennium. Please contact us with any questions or comments at 1.888.523.1600 or email us at info@comfortfitlabs.com. We encourage you to visit our website at www.comfortfitlabs.com for a complete list of all of our products, including our prefabricated orthotics for adults and children, the complete line of Richie Brace products, air walkers and night splints, Medicare-approved diabetic shoes and inserts and our orthotic sandals.

Howell S. Schorr  
Co-owner  

Thomas J. Calagna  
Co-owner
All of our sport orthotics are multipurpose devices used for a wide range of sports and general activities and are biomechanically designed for subtalar control. These devices are recommended for active patients in need of firm control for plantar fasciitis and severe pronation. Sport orthotics serve as the most basic and common orthotics prescribed today. Our standard length is met length on all of our sport devices. You may make any changes to our standard by noting them on our prescription form. All of our custom foot orthotics are priced at a flat rate that includes any and all additions and modifications. For proper fabrication, please include a completed prescription order form with each cast. Any technical assistance you may need is available by calling Customer Service at 1.888.523.1600.

SPORTFIT

Features
✦ Semi-rigid, all-purpose orthotic for control and stability.
✦ Designed for everyday use for active patients and weekend athletes.
✦ Fits in athletic shoes and walking shoes.

Components
✦ Silver polyethylene shell (⅛" under 150 lbs. and ⅛" over 150 lbs.).
✦ Extrinsic RF post, high-density EVA and non-skid bottom plate.
✦ Standard top cover is grey vinyl to mets but you may select different length and material options on the prescription order form.

SPORTFIT PLUS

Features
✦ Semi-rigid, reinforced orthotic, designed for extra shock absorption.
✦ Designed for patients requiring maximum control in a sport orthotic.
✦ Fits in most athletic shoes, walking shoes and work boots.

Components
✦ Silver polyethylene shell (⅛" under 150 lbs. and ⅛" over 150 lbs.).
✦ Extrinsic RF post, high-density EVA.
✦ Blue low-density EVA arch fill.
✦ Suede bottom cover.
✦ Standard top cover is grey vinyl to mets but you may select different length and material options on the prescription order form.

COMFORTFLEX

Features
✦ Semi-flexible sport orthotic.
✦ Designed for active patients requiring the most shock absorption with full rearfoot control.

Components
✦ Natural subortholene (2.0mm under 150 lbs. and 3.0mm over 150 lbs.).
✦ Extrinsic RF post, high-density EVA.
✦ Blue low-density EVA arch fill.
✦ Suede bottom cover.
✦ Standard top cover is grey vinyl to mets but you may select different length and material options on the prescription order form.

Wondering what SPORT ORTHOTIC to prescribe?

<table>
<thead>
<tr>
<th>Activity</th>
<th>Recommended Device</th>
<th>Suggested Modifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Running</td>
<td>ComfortFlex</td>
<td>Anti-microbial top cover</td>
</tr>
<tr>
<td>Jogging/Aerobics</td>
<td>ComfortFlex</td>
<td>⅛&quot; poron overshell full length and reduce bulk, also recommend anti-microbial top cover</td>
</tr>
<tr>
<td>Hiking</td>
<td>ComfortFlex</td>
<td>Spenco full length</td>
</tr>
<tr>
<td>Heavy Work</td>
<td>SportFit Plus</td>
<td>Spenco full length</td>
</tr>
<tr>
<td>Walking</td>
<td>ComfortLite</td>
<td>⅛&quot; poron overshell full length with vinyl top cover</td>
</tr>
</tbody>
</table>

Not all sports and exercise-related activities are listed on this page. We have different activity types listed with their recommended device, so please review our entire catalog.
Our graphlite composite series of orthotics are designed for semi-active to active patients needing maximum support and control in a limited space. Graphlite composite is very light and strong thus making it one of our most popular series. We offer three different rigidities: graphlite I, graphlite II, and graphlite III. Our standard length is met length on all of our graphlite devices. You may make any changes to our standard by noting them on our prescription form. All of our custom foot orthotics are priced at a flat rate that include any and all additions and modifications. For proper fabrication, please include a completed prescription order form with each cast. Any technical assistance you may need is available by calling Customer Service at 1.888.523.1600.

Components
✦ Graphlite I has a 2.3mm carbon composite shell and is semi-flexible. This is the most flexible of the series.
✦ Graphlite II has a 2.7mm carbon composite shell and is semi-rigid.
✦ Graphlite III has a 2.9mm carbon composite shell and is rigid.
✦ Extrinsic RF post with high-density EVA and non-skid bottom plate.
✦ Standard top cover is grey vinyl to mets but you may select different length and material options on the prescription order form.

Wondering what GRAPHLITE ORTHOTIC to prescribe?

<table>
<thead>
<tr>
<th>Activity</th>
<th>Recommended Device</th>
<th>Suggested Modifications</th>
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<tbody>
<tr>
<td>Skiing</td>
<td>Graphlite II</td>
<td>Narrow cut to fit inside boots</td>
</tr>
<tr>
<td>Ice Skating</td>
<td>Graphlite II</td>
<td>Narrow cut to fit inside skates</td>
</tr>
<tr>
<td>Cycling</td>
<td>Graphlite I</td>
<td>Intrinsic RF post and compressible FF post to sulcus</td>
</tr>
<tr>
<td>Soccer*</td>
<td>Graphlite I</td>
<td>Clip 1st met head</td>
</tr>
<tr>
<td>Baseball/Football*</td>
<td>Graphlite II</td>
<td>Full-length Spenco top cover</td>
</tr>
<tr>
<td>Basketball</td>
<td>Graphlite II</td>
<td>Deep heel cups and full-length Spenco top cover</td>
</tr>
<tr>
<td>Golf</td>
<td>Graphlite I</td>
<td>1/16” poron overshell full length with vinyl top cover</td>
</tr>
</tbody>
</table>

*All sports that require cleats

Not all sports and exercise related activities are listed on this page. We have different activity types listed with their recommended device so please review our entire catalog.

FOOT NOTE: Carbon composites have exceptional mechanical properties. The material is strong, stiff, and lightweight. Carbon composite is the material of choice for applications where light weight and superior performance are paramount. Our graphlite composite shells are thinner and lighter in weight than our other orthotic shells.
Our women's dress series of orthotics is designed for women who want to wear stylish shoes. For those women who will not compromise fashion for comfort, we have the answer with our casualfit, casualfit plus and slimfit devices. In addition, our graphlite carbon composite can be substituted for any of our standard shells in the dress orthotic series, making them even more appealing with graphlite's thin, lightweight features. Our standard top cover is burgundy vinyl and our standard length is sulcus length on all of our women's dress devices. You may make any changes to our standard by noting them on our prescription form. All of our custom foot orthotics are priced at a flat rate that includes any and all additions and modifications. For proper fabrication, please include a completed prescription order form with each cast. Any technical assistance you may need is available by calling Customer Service at 1.888.523.1600.

**CASUALFIT**

**Features**
- Designed for narrow pumps and flats.
- Low profile orthotic for support and shock reduction.
- Shell is cut away from the 5th met base to the 2nd interspace, allowing better fit for shoes with a more narrow shank.

**Components**
- Natural subortholene shell (3.0 mm under 130 lbs. and 4.0 mm over 130 lbs.).
- Intrinsic RF posts.
- Suede bottom cover.
- Standard top cover is burgundy vinyl to sulcus but you may select different length and material options on the prescription order form.

**CASUALFIT PLUS**

**Features**
- Designed for high heels and open-back shoes and sandals.
- Best choice for boots.
- Slim (cut more narrow) throughout the medial and lateral border.
- Full width forefoot.
- Provides greater control.

**Components**
- Natural subortholene shell (3.0 mm under 130 lbs. and 4.0 mm over 130 lbs.).
- Intrinsic RF posts.
- Suede bottom cover.
- Standard top cover is burgundy vinyl to sulcus but you may select different length and material options on the prescription order form.

**SLIMFIT**

**Features**
- Designed for casual women’s shoes.
- Most functional in Women's Dress Series.
- EVA filler.
- Rearfoot posting.
- Center of heel and lateral border of shell have been removed so the foot sits deeper in the shoe.

**Components**
- Natural subortholene shell (3.0 mm under 130 lbs. and 4.0 mm over 130 lbs.).
- White high-density EVA arch fill.
- Extrinsic RF posts.
- Suede on bottom extension.
- $1/8^\text{th}$ poron extension to sulcus.
- Standard top cover is burgundy vinyl to sulcus but you may select different length and material options on the prescription order form.
Men's dress shoes do not always accommodate an orthotic because they are typically narrow and have shallow foot beds. With this in mind, we have designed two devices for your male patients in need of an orthotic that provides midrange control and fits and functions in a dress or loafer style casual shoe. Our standard top cover is burgundy vinyl on all of our men’s dress devices. You may make any changes to our standard by noting them on our prescription form. All of our custom foot orthotics are priced at a flat rate that includes any and all additions and modifications. For proper fabrication, please include a completed prescription order form with each cast. Any technical assistance you may need is available by calling Customer Service at 1.888.523.1600.

**DRESSFIT**

**Features**
- Designed for loafers and low-sided men’s shoes.
- Semi-rigid orthotic providing moderate control.
- Optimal shoe gear compliance.

**Components**
- Natural subortholene shell 4.0 mm.
- Intrinsic RF posts.
- Suede bottom cover.
- Standard top cover is burgundy vinyl to sulcus but you may select different length and material options on the prescription order form.

**ULTRAFIT**

**Features**
- For patient needing more control in a dress shoe.
- Semi-rigid orthotic with low bulk.
- Uni-body shell.
- Extrinsic RF post.
- Provides maximum subtalar control in dress shoe.
- Best choice for boots.

**Components**
- Natural subortholene shell 4.0 mm.
- Extrinsic RF posts with subortholene 5.0.
- Standard top cover is burgundy vinyl to mets but you may select different length and material options on the prescription order form.

**FOOT NOTE:**
To guarantee a perfect fit, have your patients give you the dress shoes they wear most often and send those to us with the cast. We will fit their new orthotics to their shoes.
Our accommodative series is comprised of semi-flexible orthotics designed for maximum shock absorption and protection. By selecting not only the product type, but also the arch filler, you can truly customize an accommodative device to meet the needs of your patients. Each of our accommodative devices is available with your choice of 3 different arch filler materials: poron for maximum shock absorption and flexibility, EVA for moderate shock absorption and flexibility, and cork for maximum support and control in an accommodative orthotic. These devices are best suited for patients with sensitive feet who cannot tolerate a rigid device. You may make any changes to our standard by noting them on our prescription form. All of our custom foot orthotics are priced at a flat rate that includes any and all additions and modifications. For proper fabrication, please include a completed prescription order form with each cast. Any technical assistance you may need is available by calling Customer Service at 1.888.523.1600.

**COMFORTLITE**

**Features**
- Semi-flexible device providing higher level of support in accommodative orthotic.
- Available in 3 arch filler materials: Poron, EVA, Cork.
- Best device to prescribe for walking and walking shoes.

**Components**
- Natural subortholene shell 2.0 mm.
- Select arch filler: Poron, EVA or Cork (default will be EVA).
- Extrinsic RF posts as part of filler.
- Suede bottom cover.
- Standard top cover is beige vinyl to mets but you may select different length and material options on the prescription order form.

**SOFTFIT**

**Features**
- Unique rubberized/plastic shell provides leather-like comfort with memory retention of poly-plastic.
- Available in 3 arch filler materials: Poron, EVA, Cork.

**Components**
- Santoprene 1/8" shell.
- Select arch filler: Poron, EVA or Cork (default will be Poron).
- Extrinsic RF posts as part of filler.
- Suede bottom cover.
- Standard top cover is beige vinyl to mets but you may select different length and material options on the prescription order form.

**LEATHER**

**Features**
- Standard leather orthotic.
- Available in 3 arch filler materials: Poron, EVA, Cork.

**Components**
- Leather shell.
- Select arch filler: Poron, EVA or Cork (default will be Cork).
- Extrinsic RF posts as part of filler.
- Suede bottom cover.
- Standard top cover is beige vinyl to mets but you may select different length and material options on the prescription order form.
The diabetic patient who develops foot insensitivity has the greatest risk of ulcerations and potential amputation. Because each of your diabetic patients has different needs, our diabetic series of orthotics offers four different devices ranging from soft to rigid. These devices are suited for a range of conditions, including loss of fat pad, neuromuscular disorders and plantar lesions. You may make any changes to our standard by noting them on our prescription form. All of our custom foot orthotics are priced at a flat rate that include any and all additions and modifications. For proper fabrication, please include a completed prescription order form with each cast. Any technical assistance you may need is available by calling Customer Service at 1.888.523.1600.

**DIABETICFIT SOFT**

**Features**
- Multi-layer orthotic utilizing advanced materials formulated for diabetic patient.
- Provides maximum shock absorption.
- Protects at-risk diabetic foot.

**Components**
- High-density plastazote shell.
- Uni-body arch filler with shell.
- Extrinsic RF posts as part of shell.
- ⅛” poron bottom cover.
- Standard top cover is full-length diabetic laminate but you may select different length and material options on the prescription order form.

**DIABETICFIT FLEXIBLE**

**Features**
- Multi-layer orthotic utilizing advanced materials formulated for diabetic patient.
- Designed for diabetic foot needing more support.
- Protects at-risk diabetic foot.

**Components**
- Santoprene ⅛” shell with ⅛” poron over shell.
- Low-density white EVA arch filler.
- Extrinsic RF posts as part of filler.
- Suede bottom cover.
- Standard top cover is full-length diabetic laminate but you may select different length and material options on the prescription order form.

**DIABETICFIT FIRM**

**Features**
- Multi-layer orthotic utilizing advanced materials formulated for diabetic patient.
- Provides moderate support with subtalar control.
- Protects at-risk diabetic foot.

**Components**
- High-density white EVA shell.
- Uni-body arch filler with shell.
- Extrinsic RF posts as part of shell.
- ⅛” poron bottom cover.
- Standard top cover is full-length diabetic laminate but you may select different length and material options on the prescription order form.

**DIABETICFIT RIGID**

**Features**
- Multi-layer orthotic utilizing advanced materials formulated for diabetic patient.
- Provides maximum support and control.
- Protects at-risk diabetic foot.

**Components**
- White subortholene 3.0 mm shell with ⅛” poron overshell.
- Extrinsic RF posts.
- White high-density EVA non-skid bottom plate.
- Suede bottom cover.
- Standard top cover is full-length diabetic laminate but you may select different length and material options on the prescription order form.

**PROSTHESIS TOE OR TRANSMET FILLER**

**Features**
- Provides stability and balance for amputees.
- Fabricated with EVA or thermocork lite base.
- Prescribed for partial, transmet or Symes amputations.
Do not forget about your smallest patients. Our pediatric functional orthotics are specifically designed to meet the needs of growing feet so that you can effect structural change before the bones are fully formed. These orthotics will fit in a wide variety of children’s shoes. You may make any changes to our standard by noting them on our prescription form. All of our custom foot orthotics are priced at a flat rate that includes any and all additions and modifications. For proper fabrication, please include a completed prescription order form with each cast. Any technical assistance you may need is available by calling Customer Service at 1.888.523.1600.

PEDIATRIC CONTROLLER

Features
✦ Fully functional with rigid control.
✦ Extra deep heel cup for maximum subtalar control.
✦ Designed for children ages 2-12.

Components
✦ Multicolored subortholene 3.0 mm shell.
✦ Extrinsic, white high-density EVA RF posts with non-skid bottom plate.
✦ Standard top cover is blue vinyl to mets but you may select different length and material options on the prescription order form.

PEDIATRIC UCBL

Features
✦ Stabilize flexible foot deformity.
✦ Full biomechanical control can be achieved.
✦ High medial and lateral flanges that extend just proximal to the 1st and 5th met heads.
✦ Molded heel cup that fully encompasses heel.
✦ Controls severe pronation and collapse of midtarsal joints.

Components
✦ Multicolored subortholene 3.0 mm shell.
✦ Extrinsic, white high-density EVA RF posts with non-skid bottom plate.
✦ Standard top cover is blue vinyl to mets but you may select different length and material options on the prescription order form.

PEDIATRIC GAIT PLATE

Features
✦ Designed to induce change in child’s walking pattern directly related to in-toe or out-toe condition.
✦ For children under 100 lbs.

Components
✦ Multicolored subortholene 3.0 mm shell.
✦ Extrinsic, white high-density EVA RF posts with non-skid bottom plate.
✦ Standard top cover is blue vinyl to mets but you may select different length and material options on the prescription form.
✦ Please select gait extension to correct for in-toe or out-toe on our order prescription form.
Our adult functional orthotics are recommended for extreme biomechanical control in your adult patient. Oftentimes footwear and patient compliance are needed for this option. You may make any changes to our standard by noting them on our prescription form. All of our custom foot orthotics are priced at a flat rate that includes any and all additions and modifications. For proper fabrication, please include a completed prescription order form with each cast. Any technical assistance you may need is available by calling Customer Service at 1.888.523.1600.

**ADULT CONTROLLER**

**Features**
- Fully functional rigid control.
- Extra deep heel cup for maximum subtalar control.
- Designed for the active adult.

**Components**
- Natural subortholene 4.0 mm shell.
- Extrinsic, white high-density EVA RF posts with non-skid bottom plate.
- Standard top cover is blue vinyl to mets but you may select different length and material options on the prescription order form.

**ADULT UCBL**

**Features**
- Stabilize a flexible foot deformity.
- Full biomechanical control can be achieved.
- High medial and lateral flanges that extend just proximal to the 1st and 5th met heads.
- Fully encompasses heel with a molded heel cup.
- Controls severe pronation and collapse of midtarsal joints.

**Components**
- Natural subortholene 4.0 mm shell.
- Extrinsic, white high-density EVA RF posts with non-skid bottom plate.
- Standard top cover is blue vinyl to mets but you may select different length and material options on the prescription order form.

**FOOT NOTE:**
The UCBL is a traditional functional, rigid, and very controlling device intended to prevent subtalar pronation and midtarsal motion.
Our classic leather collection is made from the timeless art of wrapping wet leather around the positive cast to obtain and hold the shape. The production process is timely and labor intensive. The leather is cut, wet and strapped over the cast and then allowed to dry for at least 12 hours before the next layer is applied. Several layers of leather are used and the device is ground by hand into the final product. With the focus on technology in today’s industry, it is difficult to find a laboratory with experience in the production of leather orthotics. All three of our new orthotics — leather balancer, leather shaffer and leather laminate — are the finest quality products available to your patients requiring a flexible yet sturdy orthotic. You may make any changes to our standard by noting them on our prescription form. All of our custom foot orthotics are priced at a flat rate that includes any and all additions and modifications. For proper fabrication, please include a completed prescription order form with each cast. Any technical assistance you may need is available by calling Customer Service at 1.888.523.1600.

**LEATHER BALANCER**

**Features**
- Prescribed when rearfoot control is needed.
- Features deep heel cup to control rearfoot.
- Minimize medial-lateral instability.

**Components**
- Molded ¾-length leather shell.
- Cork arch reinforcement.
- No posting is standard but may request cork posting on prescription order form.
- Suede bottom cover.
- Standard top cover is full-length leather but you may select different length and material options on the prescription order form.

**LEATHER SHAFFER**

**Features**
- Prescribed for longitudinal arch support.
- The medial flange is designed to provide firm arch support and extra comfort by redistributing pressure.
- Low-profile device.
- Usually prescribed with metatarsal support to shift pressure from painful metatarsal heads to the more tolerant metatarsal shafts.

**Components**
- Molded ¾-length leather shell.
- Cork arch reinforcement.
- No posting is standard but may request cork posting on prescription order form.
- Suede bottom cover.
- Standard top cover is full-length leather but you may select different length and material options on the prescription order form.

**LEATHER LAMINATE**

**Features**
- A semi-rigid device that is firm yet yielding and controls pronatory forces.
- Limits excessive vertical stress.
- Designed for patients with sensitive feet and geriatric patients who cannot tolerate plastic shells.

**Components**
- Full-length molded leather shell.
- Layers of leather for arch reinforcement.
- Standard top cover is full-length leather but you may select different length and material options on the prescription order form.
Your patients each have biomechanical challenges that benefit from additions and modifications. We allow you, at no extra charge, to customize each orthotic to your patient’s specific condition, weight, and activity type by creating the additions and modifications you prescribe. The below are addition and accommodation suggestions and diagrams listed by possible patient conditions. We have included drawings to help you visualize the placement and shape of each addition and accommodation. This is not an exhaustive list. Any technical assistance you may need is available by calling Customer Service at 1.888.523.1600.

**ADDITIONS AND ACCOMMODATIONS**

**TOE FILLER/TRANSMET FILLER**
A low-density plastazote material used to fill the void of missing digits or of a full transmetatarsal amputation.

**HEEL LIFT**
High-density EVA placed beneath the rearfoot post for use in limb length discrepancy and equines. We recommend this modification for Achilles tendonitis, Equinus, and Severs Disease in combination with heel cushions (1/8” lift).

**REVERSE MORTON’S EXTENSION**
1/8” EVA extension placed under 2-5 metatarsal, providing greater motion for Hallux Limitus.

**BUNION FLAP**
A 1/8” poron flap used to cushion and support bunions.

**TOE CREST**
A 3/16” poron crescent-shaped pad placed just proximal to the distal phalanges used to support the digits for hammertoes. We recommend this modification for corns and hammertoes.

**MORTON’S EXTENSION**
1/8” EVA placed under the 1st ray and used to limit motion of the 1st MPJ in cases of Hallux Rigidus.

**FHL MODIFICATION**
An EVA forefoot extension with cutouts for 1st MPJ for functional Hallux Limitus.

**DANCER’S PAD**
A 3/16” poron pad placed beneath all 5 metatarsals with cutouts under the 1st met head, offloading the sesamoid. We recommend this modification for Sesamoiditis.
**DOUBLE DANCER’S PAD**
A 3/16” poron pad placed beneath all 5 metatarsals with cutouts to offload the 1st and 5th met heads.

**MET PAD**
A 3/16” poron pad placed just proximal to the 2nd, 3rd and 4th metatarsal heads, helping support the transverse metatarsal arch. We recommend this modification for Metatarsalgia and Morton’s Neuroma.

**NEUROMA PAD**
A 3/16” poron pad, smaller than a met pad, placed within the interspaces of the metatarsals used to treat neuromas. We recommend this modification for Morton’s Neuroma.

**SCAPHOID PAD**
1/4” poron padding placed along medial border of the longitudinal arch, providing extra support and cushioning.

**HEEL CUSHIONS**
1/16” or 1/8” poron placed in heel seat for extra shock absorption and or relief of heel spur pain. We recommend this modification for Severs Disease in combination with 1/8” heel lifts.

**STANDARD BALANCE PAD**
A 1/8” poron pad with a cutout placed directly below the specified met head and surrounding area, providing relief and reducing pressure. We recommend this modification for lesions and calluses.

**REVERSE DANCER’S PAD**
A 3/16” poron pad placed beneath all 5 metatarsals with cutouts under the 5th met head.

**MET BAR**
A 3/16” poron pad providing cushion and support for all 5 metatarsal heads. We recommend this modification for Metatarsalgia.

**REINFORCE ARCH**
Used for added shock absorption and support with the option of poron, EVA, or cork.

**NAVICULAR FLAP**
A 1/8” poron pad extending from the medial border of the orthotic, providing support and cushion for the medial aspect of the foot for navicular pain.

**HEEL SPUR U-PAD**
A 1/8” poron horseshoe-shaped pad placed in the heel seat and used to offload heel spurs.

**FULL WIDTH BALANCE PAD**
A 1/8” poron pad placed below the entire metatarsal area with a cutout below the specified metatarsal head, providing relief and reducing pressure.
Your patients each have biomechanical challenges that benefit from additions and modifications. We allow you, at no extra charge, to customize each orthotic to your patient's specific condition, weight, and activity type by creating the additions and modifications you prescribe. The below are shell modification suggestions and diagrams listed by possible patient conditions. We have included drawings to help you visualize the placement and shape of each modification to the shell. This is not an exhaustive list. Any technical assistance you may need is available by calling Customer Service at 1.888.523.1600.

**SHELL MODIFICATIONS**

**CORRECT FOR IN-TOE**
The shell extends laterally to the middle of the 5th digit, changing the gait pattern for in-toeing patients less than 10 years of age. We recommend a pediatric gait plate to correct for in-toe.

**CORRECT FOR OUT-TOE**
The shell extends medially to the middle of the 1st digit, changing the gait pattern for out-toeing patients less than 10 years of age. We recommend a pediatric gait plate to correct for out-toe.

**CLIP 1ST MET HEAD**
The medial distal corner of the orthotic shell is removed just proximal to the 1st metatarsal head. We suggest this shell modification for Hallux Limitus and Sesamoiditis.

**COMPRESSIBLE FF POST TO SULCUS**
An EVA forefoot posting is applied to the orthotic extending to the sulcus creating forefoot control on contact. We recommend this for shin splints.

**REDUCE BULK**
Additional arch filler material is removed and the rearfoot posting is undercut an additional ten degrees achieving a better shoe fit.

**INTRINSIC REARFOOT POSTING**
Varus, valgus or neutral posting is ground into the shell of the orthotic device.

**MEDIAL AND LATERAL FLANGES**
The medial or lateral border of the orthotic shell extends higher around the sides of the foot, providing greater control. We recommend a lateral flange for lateral ankle instability and a medial flange for over pronation. We recommend a medial flange for posterior tibial tendon dysfunction in combination with deep heel cups.

**MEDIAL WEDGE**
An EVA wedge is applied to the medial plantar surface of the orthotic helping to invert the foot. We recommend this modification for over pronation.

**EXTRINSIC FOREFOOT AND REARFOOT POSTING**
An external piece of EVA material is added to the forefoot or rearfoot of the orthotic to provide varus, valgus or neutral correction. We recommend varus rearfoot posting for over pronation and valgus rearfoot posting for over supination. We recommend varus rearfoot posting combined with deep heel cups for plantar fasciitis.

**HEEL CUP DEPTH**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Image</th>
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<tbody>
<tr>
<td>Shallow</td>
<td><img src="image" alt="Shallow Heel Cup" /></td>
</tr>
<tr>
<td>Standard</td>
<td><img src="image" alt="Standard Heel Cup" /></td>
</tr>
<tr>
<td>Deep</td>
<td><img src="image" alt="Deep Heel Cup" /></td>
</tr>
</tbody>
</table>

3/8” is our standard, ¼” is shallow, 5/8” is deep and ¾” is very deep. A deep heel cup provides increased motion control, enhanced proprioception, and better plantar cushion. We recommend this modification for plantar fasciitis (suggest also adding varus rearfoot posting). We recommend deep heel cups for posterior tibial tendon dysfunction in combination with a medial flange.

**PLANTAR FASCIAL GROOVE**
A depression in the shell of the orthotic is created providing relief for the plantar fascia.

**HEEL SPUR CUTOUT**
The shell is cut away from the center of the heel and replaced with gel padding. We recommend this modification for heel spurs. In addition to a heel spur cutout, we also suggest heel padding or a U-pad.

**LATERAL WEDGE**
An EVA wedge is applied to the lateral plantar surface of the orthotic helping to evert the foot. We recommend this modification for lateral ankle instability in combination with a lateral flange and for over supination.

**MEDIAL WEDGE**
An EVA wedge is applied to the medial plantar surface of the orthotic helping to invert the foot. We recommend this modification for over pronation.

**NAVICULAR SHELL ACCOMMODATION**
An indentation in the shell of the orthotic is created to provide a "well" for a misplaced navicular.
Top covers are primarily used as a protective barrier between the patient’s foot and the orthotic. Their main function is to add comfort and increase the life of the orthoses. We offer six different top cover materials so you may create a truly customized product for each patient. All of our top cover materials are available in any length: mets, sulcus, full length. If you have any questions about our topcover materials, please call Customer Service at 1.888.523.1600 and we would be happy to help.

**DIABETIC**
- Superior resistance to abrasion
- Deflects moisture
- Coefficient of friction
- Less packdown after walking
- $\frac{1}{8}"$

**SPENCO** *
- Provides cushion
- Absorbs shock and reduces friction to improve overall foot comfort
- $\frac{1}{8}"

**BAMBOO NEOLON**
- Naturally anti-fungal, anti-bacterial and deodorizing material that is highly porous and breathable and made without allergy-inducing chemicals
- $\frac{1}{8}"

**LEATHER**
- Natural leather
- Flexible but non-compressible
- Withstands limited amount of moisture
- Comfortable for most patients

**BLUE CLOUD**
- $\frac{1}{8}"$ EVA
- Highly resilient
- Washable
- Provides comfort and reliability

**VINYL**
- Naturally anti-fungal
- Smooth on the foot
- Washable
- Most popular topcover

*or equivalent to Spenco™

**FOOT NOTE:**
You can use any of our six top cover materials on any of our custom orthotics and have them cut to any length at no extra charge.

**PADDED TOP COVERS**

To Mets: $\frac{1}{16}"$ or $\frac{1}{8}"$ poron to heel to distal edge of shell.

To Sulcus: $\frac{1}{16}"$ or $\frac{1}{8}"$ poron to heel to web spacing of toes.

Full Length: $\frac{1}{16}"$ or $\frac{1}{8}"$ poron to heel to distal end of toes.

**FOREFOOT EXTENSIONS**

To Sulcus: $\frac{1}{16}"$ or $\frac{1}{8}"$ poron from distal edge of shell to web spacing of toes.

Full Length: $\frac{1}{16}"$ or $\frac{1}{8}"$ poron from distal edge of shell to end of toes.
The Company to Lead You into the Future of Footcare

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