

FOOT FUNCTION LAB



Prescription Orthotics

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Perfect For Every Walk Of Life



Men's

Women's



CASTING BOX
INCLUDED FOR
D.C.'s Only.



— SEE PAGE 8 AND 9 FOR NEW BALANCE BOX —

ABOUT US:

Foot Function Lab has been making quality orthotics for Doctors; Podiatrists, Chiropractors, Orthopedic Surgeons, and Physical Therapists. Our orthotics are fabricated by hand and also by using the latest computer aided design and manufacturing technology (CAD/CAM). Mr. Arch is a Board Certified Pedorthist with 35 years working with patients. He will help train all Doctors & Staff in our Lab at no cost. Training is also available online on our website at Orthotics.net or by Phone.

Foot Function Lab is best known for our Dress Orthotics that fit into men's and women's dress shoes and sandals. Remember that we are shipping you 100% custom-made orthotics from your patient's cast. We do not take anything pre-made off a shelf.

So join thousands of Podiatrists and Chiropractors that are totally satisfied with our orthotics and service. Foot Function Lab is not about selling a few pairs of orthotics to doctors, we are about training doctors to be successful in using our full line of orthotics for a variety of shoes and helping Doctors to market the orthotics to their patients successfully.

Our staff welcomes your business and input:
Len Kerns, C. Ped. "Mr. Arch"
Dr. Marc Rosen, D.C.
Call today

1-800-785-3668.



Whether you intend to use orthotics in dress, sport, or work shoes we can make a pair of orthotics for every patient and every shoe style. Fits in sandals, pumps, flats, dress, and all sports shoes.

EXPERIENCE
OVER
35 YEARS OF
QUALITY
MADE
ORTHOTICS

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The Custom System is designed to benefit the patient through the doctor's knowledge and experience. Using the Custom System, an orthotic may be ordered in any length, form, etc... This allows for ordering the best design and materials to accurately fit and control the patient's foot. System I, traditionally podiatric type orthotics, involves a variety from soft to semi-flexible to rigid orthotics. These orthotics can be made from any 2-inch foam impression, from plaster casts and our 3D Light Scanner. Orthotics can be posted extrinsically or or intrinsically according to prescription.



X-14 Subortholene
Uses: For Geriatric, Rheumatoid Arthritis, Active Diabetic, and sports patients where moderate control, accommodation, and softness are needed.
Indications: Posterior Tibial Dysfunction, Flexible flat foot, Foot/Leg Fatigue, Calcaneal Apophysitis, Severe Pronation, Subtalar joint pain, Muscle Cramping of feet or legs, Metatarsalgia, Plantar Fasciitis
Materials: Semi-Flexible Subortholene shell (3,4,5mm)
Posting: Intrinsic forefoot and crepe extrinsic rearfoot post and post protector, with Heel Cups.



X-15 Soft Support
Uses: Designed for patients with Arthritis, Diabetes, or sensitivity problems that cannot tolerate a more rigid device. Especially when apertures are called for to relieve pressure, protect soft tissue lesions, and maximize pain.
Indications: Diabetic insensitivity, Extreme Sensitivity, Arthritis, Ulcerative and Plantar Lesions, Charcot Foot.
Materials: Plastazote (EVA) (Standard) with suede bottom cover
Posting: Intrinsic posting rear and forefoot (Standard), with Heel Cups.



X-16 Cork and Leather
Uses: For patients who need comfort and relief from lesions and pain that cannot tolerate a more rigid device. Especially when apertures are called to relieve pressure, protect soft tissue lesions, minimize pain.
Indications: Where deformity and debilitation requires support and protection, Ulceration Diabetes, Arthritis, Charcot Foot
Materials: Thermo-Cork, Light Cork (Standard)
Posting: Intrinsic posting rear and forefoot (Standard) with Heel Cups



X-17 Polydor
Uses: Functional orthotic allowing highest possible degree of bio-mechanical control.
Indications: Postural Fatigue, Pathological Subluxations, Abnormal Alignment, Strain Syndromes, Abnormal Gait patterns.
Materials: Polydor
Posting: Intrinsic forefoot and crepe extrinsic rearfoot post and post protector (Standard), with Heel Cups.



X-18 Polyethylene (All Sports & Control)
Uses: All sports applications requiring a semi-flexible and non-breakable orthotic.
Indications: Osteoarthritic Joint Degeneration and Fixation, forefoot pain from Plantar Fasciitis, Bunions, Compensated forefoot varus and valgus, Postoperative control of foot function, forefoot Abnormalities, Severe pronation, Obesity, Genu Valgum, Heel Spur Syndrome, Metatarsalgia
Materials: Polyethylene (3,4,standard 4.7mm) with suede bottom cover.
Posting: Intrinsic forefoot and crepe extrinsic rearfoot post and post protection (Standard), with Heel Cups.



X-19 Carbon Graph
Uses: Any activity where weight and size are a great factor. Gives functional control in most shoes.
Indications: Plantar Fasciitis, Severe Pronation, Genu Valgum, Torsional Influences, Heel Spur Syndrome, Metatarsalgia, Morton's Neuralgia
Materials: Carbon Graph
Posting: Intrinsic forefoot and crepe extrinsic rearfoot post and post protector (Standard), with Heel Cups.



X-20 Polypropylene
Uses: Semi-Rigid for high athletic demands such as running and jumping. Designed to accommodate high impact, control foot function, and specifically treat individual deformity or imbalance of each patient.
Indications: Foot and Leg Fatigue, Plantar Fasciitis, Bunions, Compensated forefoot varus and valgus, Forefoot abnormalities.
Materials: Polypropylene (3,4,4.7)
Posting: Intrinsic forefoot and crepe extrinsic rearfoot post (Standard), with Heel Cups



X-21 Dress Hook
Uses: For crossed heel fashion shoes that won't accept general orthotics. Provides patient with moderate control of foot function.
Indications: Metatarsalgia, Morton's Neuralgia Sessmoiditis, Plantar Fasciitis
Materials: Polyethylene 3mm
Posting: Intrinsic forefoot and crepe extrinsic rearfoot post (Standard), with low Heel Cups



X-22 Balance Flex
Uses: For patients who cannot tolerate any rigid orthotic. Thin flexible shell filled with cushioned padding to allow moderate control of foot function.
Indications: Absent or limited ranges of motion, Activities where rigid materials cannot be tolerated or subject to frequent fracturing.
Materials: Thin Polyethylene Shell (2,3mm) with Springlite fill.
Posting: Intrinsic forefoot and crepe extrinsic rear foot post and post protector (Standard), with Heel Cups.



X-23 Semi-Flexible Dress Orthotic
Uses: For patients who want moderate control in dress flats, to 1 1/2" pumps that won't accept a standard orthotic. Sessmoiditis, Plantar Fasciitis
Indications:
Materials: Subortholene, TL-2100 Carbon, Polypropylene (Standard)
Posting: Intrinsic forefoot post and thin plastic cut-out heel balanced in crepe. with low Heel Cups.



The main goal of Foot Function Lab begins by casting in a non-weight bearing subtalar neutral position. These orthotics are used to balance the musculoskeletal system, control pronation or supination, support the mid metatarsal section, balance the forefoot, and relieve major foot problems such as Heel Spurs, Tendonitis, Fasciitis, etc...

The Custom Easy System is designed to offer a quick diagnosis and present a easy prescription to fit your patient's specific needs and lifestyle. An orthotic may be ordered in any length, form, etc. This allows for ordering the best design and materials to accurately fit and control the patient's foot. System II orthotics are 100% guaranteed to be custom made from each individual's impression, nothing comes off the shelf pre-made. Orthotics with no heel cups due to precise manufacturing, velcro is included with all models to maintain proper fit without heel cups. These orthotics are manufactured with a metatarsal bar that can be revised to any degree of forefoot control. Any accommodations will be made at no charge for lesions or other conditions that need relief from pain or pressure.

These orthotics are manufactured from a 1-inch and up foam impression box, a plaster cast, or our 3D Light Scanner. Easy System II made with heel cups are made the same as Easy System I.



EZ-1 Standard Spinal Orthotic

Available: Regular or 3/4 length, No Heel Cups, Deluxe Top Cover

Use: Designed for normal daily use, depending on length, in any dress shoe. Used to align the body from heel to toe and to control pronation or supination.

Structure: Manufactured on a flexible thin leather base, cushioned heel pad, with rubber longitudinal arch support, plastazote special beveled metatarsal bar, and standard tan deluxe top cover. And held in place with supplied Velcro® fasteners.

Note: Use regular length for dress shoes, 3/4 length to protect the metatarsal heads when needed, and Full length to protect the toes for sport applications. 3/4 length and Full length extensions have 1/8" Springlite padding under top cover to protect and accommodate metatarsals and toe pressure.



EZ-2 Women's Dress Orthotic SH (Shock Heel)

Available: Regular, 3/4 length, or Full Length, No Heel Cups, Deluxe or 1/16" Pillow Top,

Use: Held with Velcro® fasteners, in all ladies flats, high heels, sling-backs, and sandals. Designed extra narrow to fit the modern contours of ladies dress shoes, is flared out between the 1st and 5th metatarsals for full balance, providing support of the arch, and control pronation or supination of the heel.

Structure: Manufactured on a flexible thin leather base, Deep heel seat of Shock Heel on reinforced base for positive control, with rubber longitudinal arch support, Plastazote special beveled metatarsal bar, and standard deluxe top cover or pillow top. And held in place with supplied Velcro® Fasteners.

Note: A. Regular length is for shoes that fit normally snug leaving no extra room under the metatarsal heads for padding. B. 3/4 Length adds 1/8 of an inch under metatarsal heads requiring shoes to be loose fitting.



EZ-3 Men's Dress Orthotic SH (Shock Heel)

Available: Regular or 3/4 Length, No Heel Cups, Deluxe or 1/16" Pillow Top

Use: Used in all men's dress shoes, loafers, and casual. Designed for the full width contour of men's shoes and is flared out between the 1st and 5th metatarsals for full balance, providing support of the arch, and control pronation or supination of the heel.

Structure: Manufactured on a flexible thin leather base, Deep heel seat of Shock Heel on reinforced base for positive control, with rubber longitudinal arch support, Plastazote special beveled metatarsal bar, and standard deluxe top cover or Pillow Top. And held in place with supplied Velcro® fasteners.

Note: A. Regular length is for shoes that fit normally snug leaving no extra room under the metatarsal heads for padding. B. 3/4 Length adds 1/8 of an inch under metatarsal heads requiring shoes to be loose fitting.



EZ-4 Western Boot Orthotic SH (Shock Heel)

Available: Regular or 3/4 Length. No Heel Cups, Puff Top Cover

Use: For all western boots. Designed extra narrow between 1st and 5th metatarsal shafts to fit the contour of western boots, it is undercut beneath the arch area, and flared out between 1st and 5th metatarsal heads for full metatarsal control.

Structure: Manufactured on a flexible thin leather base, SH full heel for extra cushioning, with rubber longitudinal arc support, Plastazote special beveled metatarsal bar, and a Microcel Puff top cover for shock absorption and flexibility that won't bottom out. And held in place with supplied Velcro® fasteners.

Note: A. Regular length is for boots that fit normally snug leaving no extra room under the metatarsal heads for padding. B. 3/4 Length adds 1/8 of an inch under metatarsal heads requiring boots to be loose fitting



EZ-5 All Sports Orthotic

Available: 3/4 or Full Length, No Heel Cups, 1/8" Blue Pillow Top

Use: For occupational demanding extra cushioning or normal athletic activities. Golfing, Running, Walking, Soccer, Tennis, Skiing, and Roller Blading.

Structure: Manufactured on a flexible thin leather base, SH full heel for extra cushioning, with rubber longitudinal arch support, Plastazote special beveled metatarsal bar, and Deluxe or Pillow top over 1/16" Springlite heel padding. And held in place with supplied Velcro® fasteners.

Note: A. 3/4 and full length have extra 1/8" springlite padding added to protect metatarsal heads and toes. B. These orthotics must be used in sport shoes with removable inner soles.



EZ-6 High Stress Sports Orthotics

Available: Full Length only, No Heel Cups, with 1/8" Blue Pillow Top

Use: For high impact sports or when extra shock absorption is needed for the full plantar surface of the foot. Such as Aerobics, Basketball, Tennis, Running, and Raquetball.

Structure: Manufactured on a 1/8" Nickel-Plast base for double shock absorption, SH full heel for extra cushioning, with rubber longitudinal arch support, Plastazote special beveled metatarsal bar, and Pillow top cover. And held in place with supplied Velcro® fasteners.

Note: A. These orthotics must be used in sport shoes with removable inner soles.



EZ-7 Cushion Flex Geriatric Orthotic

Available: Full Length Only, No Heel Cups

Use: Full length orthotic designed for the 50+ age group that cannot tolerate a full control sports model. It's a light-weight long lasting cushioned orthotic with good support a flexibility. Good for walking and light sports activities.

Structure: Manufactured on a 1/8" Microcel Puff base for soft support. Beveled Puff heel support to correct pronation or supination, hand-made Puff longitudinal arch support, Plastazote special beveled metatarsal bar, and Puff top cover. And held in place with a supplied Velcro® fasteners.

Note: A. These orthotics must be used in sport shoes with removable inner soles.

X-13 HL Heel Lift



Custom made to any height with Velcro® fasteners.

New Balance Casting Box



Improves foot alignment by up to **80% more!**

NEW 3D SENSE SCANNER!



The Custom Easy System II with Heel Cups is designed to offer a quick diagnosis and present an easy prescription to fit your patient's specific needs and lifestyle. It also serves as an introduction towards custom ordering these orthotics. System I, Traditionally podiatric type orthotics, involves a variety from soft to semi-flexible to rigid orthotics. These orthotics can be made from any 2-inch foam impression or from plaster cast and our 3D Light Scanner. Orthotics can be posted extrinsically or intrinsically according to the prescription. All Custom Easy System I orthotics offer a choice in top covers of either Gray Vinyl or Pillow Top. Pillow Top is an elastic nylon top cover over neoprene rubber that absorbs shock shearing.



EZ-15 Soft Support

Available: Met heads, 3/4 length, Full Length, Gray Vinyl, or 1/8" Pillow Top
Uses: Designed for the needs of a patient suffering from Diabetes or Osteo and Rheumatoid

Arthritis. It adds cushioning to areas where fat pad has been lost, protects sensitive and insensitive feet, and accommodates lesions.

Structure: The shell is made of Plastozote (EVA) posted intrinsically from forefoot to rearfoot and underneath is covered in suede. Including heel cups to fit cast.



EZ-16 Wonder Cork Orthotic

Available: Met heads, 3/4 or Full Length, Gray Vinyl, or 1/8" Pillow Top
Uses: Lightweight orthotic for patients who require protection and relief from lesions

and cannot tolerate any rigidity in an orthotic.

Structure: The shell is made of Light Cork posted intrinsically from forefoot to rearfoot bearing a neutral shell. Including standard deep heel cups to fit the cast.



EZ-18 Polyethylene (All Sport and Control)

Available: Met heads, 3/4 or Full Length, Gray Vinyl, or 1/8" Pillow Top
Uses: This is our most ordered, all around, orthotic for sports and

foot control problems. It is most used for running, walking, tennis, etc... Also it is most used for controlling heel valgus and varus, Heel Spurs, Fasciitis, Tendonitis, Metatarsalgia, and Bunions.

Structure: The base shell is made out of 4.7 mm Polyethelene and is posted intrinsically in the forefoot and extrinsically in the rearfoot, it is covered on top with suede, and it has a standard half inch heel cup.



EZ-20 Polypropylene Orthotic

Available: Met heads, 3/4 or Full Length, Gray Vinyl, or 1/8" Pillow Top
Uses: When a patient's athletic activities involve high impact demand

and a need for stability for side to side movements. This orthotic offers more control for sports such as Basketball, Racquetball, Tennis, etc...

Structure: The shell, with standard half inch heel cup, is made out of solid white deluxe satin finished polypropylene and is posted intrinsically in the forefoot and extrinsically in the rearfoot with a post protector. With standard half-inch heel cups.

The Rotator - Automatic "Foam" Casting Machine



Aligns patient's feet for easy casting, and improved accuracy of setting foot in subtalar neutral position. Reduces casting time and allows office staff to properly cast in subtalar neutral.

DEMO KIT - Samples of System I & II Orthotics & Top Covers



- Blue Pillow (Spenco)
- Tan Pillow
- Deluxe Top (Corfam)
- Leather
- Blue Perforated Puff
- Pink Plastazote
- Diab-A-Sheet
- Poron® Velvet
- Poron® Plain and Vinyl



SPECIALIZED SPORTS MODELS



EZ-5A Sports SOCCER

Available: Regular or 3/4 length Deluxe Top Cover or 1/8" Pillow Top

Use: Orthotic has been designed narrow to fit in all soccer shoes, cleets, and running spikes. It has been fitted with a triad metatarsal bar to better performance during activity

Structure: Manufactured on a flexible thin leather base, Deep heel seat of Shock Heel on reinforced base for positive control, with rubber longitudinal arch support, Plastazote special beveled metatarsal bar and standard deluxe top cover or Pillow Top. And held in place with supplied Velcro® fasteners. With No Heel Cups.



EZ-5B Sports SPIKE

Available: Regular or 3/4 length Deluxe Top Cover or 1/8" Pillow Top

Use: Spike Orthotic has been designed narrow to fit in all soccer shoes, cleets, and running spikes. It has been fitted with a triad metatarsal bar to better performance during activity

Structure: Manufactured on a flexible thin leather base, Deep heel seat of Shock Heel on reinforced base for positive control, with rubber longitudinal arch support, Plastazote special beveled metatarsal bar and standard deluxe top cover or Pillow Top. And held in place with supplied Velcro® fasteners. With No Heel Cups.



EZ-5C Sports GOLF

Available: 3/4 or Full Length with 1/8" Green Perforated Top

Use: Golf. Extra shock absorption is needed across full bottom of foot surface. Lateral cuboid for better heel control.

Structure: Manufactured on a 1/8" Nickel-Plast base for double shock absorption, SH full heel for extra cushioning, with rubber longitudinal arch support, Plastazote special beveled metatarsal bar, and 1/8" Cushion Green Perforated Cover. Held in place with supplied Velcro® fasteners.

Note: These orthotics must be used in sport shoes with removable inner soles. With No Heel Cups.



EZ-5D Sports SKATE

Available: Full Length Only

Use: Full-length orthotics designed lightweight. Cushioned orthotic with good flexibility. Built in heel cradle for extra control.

Structure: Manufactured on a 1/8" Nickel-Plast base for double shock absorption, SH full heel for extra cushioning, with rubber longitudinal arch support, Plastazote special beveled metatarsal bar, and 1/8" Cushion Red Perforated Cover. Held in place with supplied Velcro® fasteners.

Note: These orthotics must be used in sport shoes with removable inner soles. With No Heel Cups.

Mr. Arch's Pre-Made Dress/Sport Orthotics



Used by thousands of podiatrists, chiropractors, and orthopedic surgeons internationally to help relieve Back pain, Hip pain, Knee pain, Ankle pain, Foot pain, Heel pain, Spur pain, Metatarsal pain, and Arch pain, Tendonitis, Fasciitis, Flat feet, Bunions, and Calluses.

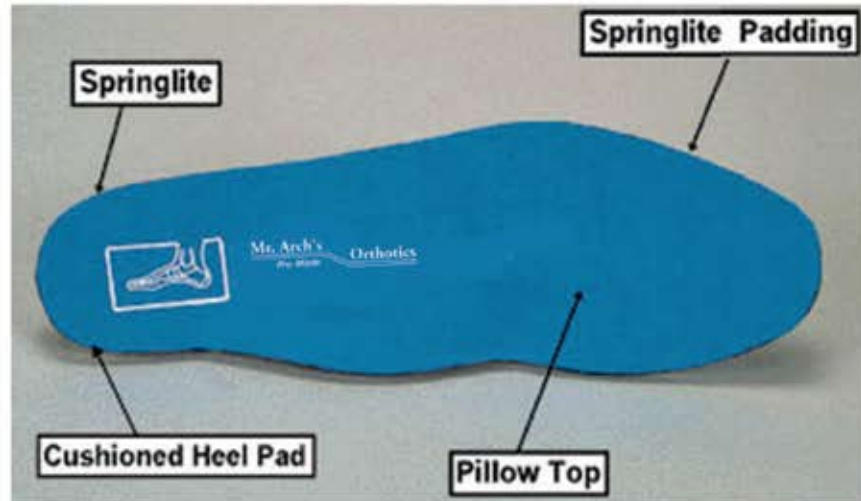
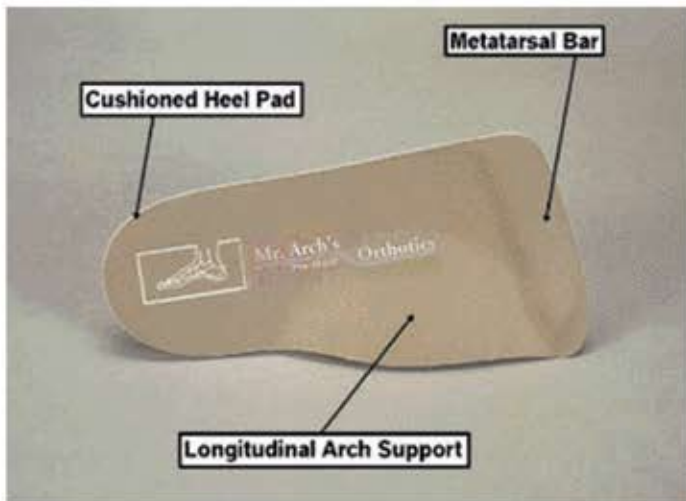
Dentists | Doctors | Flight Attendants | Nurses | Postal Workers | Sales Personnel | Teachers | Waitresses | Sports Amateurs | Sports Professionals

DRESS

Short Length

SPORT

Full Length



Dress & Sport Shoe Sizes

WOMEN:	5-6 1/2	7-8 1/2	9+
MEN:	8-9 1/2	10-11 1/2	12+

"FITS IN ALL STYLE SHOES + STAYS IN PLACE WITH VELCRO ® FASTENERS"

Ideal for any activity from dress to work to sports, that keeps you on your feet. Including Tennis, Golfing, Rollerblading, Running, Exercising, and Walking. An unbalanced step can lead to stress throughout your body. Spinal misalignment caused by foot pronation, and improper foot balance, can often be corrected with the Pre-Made Orthotics to possibly help prevent ailments.



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DR.

Order #:

Mr. Arch Balance Box Casting Instructions:

1. Place open tray on floor, you should remain standing during entire casting procedure.
2. Simply put Right foot over foam marked 'R' with lid in between R & L legs barefoot.
3. Then center right foot heel to toes & side to side. Then push heel to bottom of box and roll foot forward and back so your whole foot heel to toe is at bottom of box. Then side box to left with lid between left & right leg.
4. Repeat with your Left bare foot. Push your heel to bottom of box and roll foot forward & back so your foot from heel to toes is at bottom of foam.
5. Trace one removable innersole from your most used dress or sports shoe on the inside lid of casting tray or sheet of paper.
6. Please put 4 feet of toilet paper lose in Left and right mold to keep form cracking in shipment. (see picture)

*For Casting Instructions Please Watch Video on
Orthotics.net or stepintheboxorthotics.com*

*Manufactures of State Of The Art Orthotics.
Providing better health for 36 years.*

Mr. Arch's New Balance Box

The New Balance Box will cast your feet in a correct “neutral” position automatically, the same way a Doctor would using plaster, scans, or foam box in their office.

Mr. Arch invented the New Balance Box for new doctors, doctors who can cast correctly but don't have the time, or doctors who have patients not able to come in to the office.

For casting instructions, please visit us at www.stepinthebox.com , WWW.ORTHOTICS.NET

