

Foot & Ankle

Featuring the patented SpryStep® range of AFOs, custom ankle bracing for elite athletes, walking boots and Thuasne's exclusive knitted solutions.



SpryStep®

PDAC APPROVED L1951

The SpryStep® is an elegant, durable and effective ankle foot orthotic made with a precise selection and layup of diverse composite materials. The posterior spiral strut is uniquely positioned to amplify energy return and fit easily into most shoes.

Recommended for: *Excessive plantarflexion during swing phase (secondary to weak dorsiflexors) / Weakness of the pretibial muscles ≤ 3 / Plantar flexor strength 4 / Mild knee instability during stance phase / Mild Knee hyperextension*

Features

- Lightweight, durable composite construction engineered with unique laminated characteristics to prevent delamination and breakage
- Material diversity offers strategic flexibility and stiffness to enhance performance and patient comfort
- Proprietary posterior lateral position of the strut increases patient compliance and amplifies energy return
- Trimable forefoot ensures a perfect fit
- Fits easily into most shoes
- Custom version available based on size, pathology, or activity level

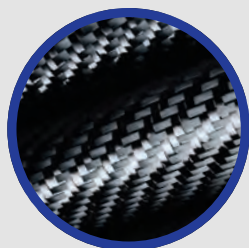
Ordering

- Available in left or right
- Custom version available (see page 68)

Size	XS	SM	MD	LG	XL
Foot Length	8 ½ – 9 ⅝"	9 ⅞ – 10 ¼"	9 ⅝ – 10 ⅞"	10 ¼ – 11 ⅜"	11 ⅜ – 12"
Height	11 ¾"	12 ⅝"	13 ⅜"	14 ⅞"	15"



SpryStep® Family Features



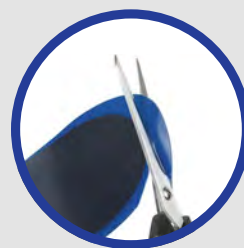
Proprietary composite technology

Remarkable strength and beautiful cosmetic characteristics.



Posterior Lateral Strut

The spiral strut is uniquely positioned behind the malleoli to amplify energy return and fit easily into most shoes.



Customizable

The forefoot can be easily trimmed for a perfect fit.



SpryStep® Flex



SpryStep® Plus

PDAC APPROVED L1932

Recommended for: Excessive plantarflexion during swing phase (secondary to weak dorsiflexors) / weakness of the pretibial muscles ≤ 3 / plantar flexor strength 3 or 4 / mild or moderate knee instability during stance phase / mild quadriceps weakness / excessive knee flexion during stance phase (secondary to weak plantarflexors)

Features

- Anterior shell for enhanced ground reaction force
- 3D shaped pad featuring a recessed tibial crest relief zone
- Lightweight, durable composite construction engineered with unique laminated characteristics to prevent delamination and breakage
- Material diversity offers strategic flexibility and stiffness to enhance performance and patient comfort
- Proprietary posterior lateral position of the strut increases patient compliance and energy return for activity re-engagement
- Trimmable forefoot ensures a perfect fit

Ordering

- Available in left or right
- Custom version available (see page 68)

Size	XS	SM	MD	LG	XL
Foot Length	8 ½ – 9 ⅝"	9 ⅞ – 10 ¼"	9 ⅝ – 10 ⅞"	10 ¼ – 11 ⅜"	11 ⅜ – 12"
Height to Tib Tuberosity	13"	14 ½"	15 ½"	16 ¾"	18"
Calf CIRCUM 1" below fibula head	11 ½ – 14 ½"	12 ¾ – 15 ¾"	13 ½ – 17 ½"	15 ¾ – 18 ¾"	16 ½ – 19 ½"



SpryStep® Flex

PDAC APPROVED L1951

Recommended for: Footdrop / fatigueable footdrop / footslap / proprioception / circumduction / vaulting / high knee gait / hip hiking / contralateral trunk lean

Features

- Enhanced spiral curve of the strut and proprietary material blend offers greater flexibility and durability, perfect for high impact activities
- Proprietary posterior lateral position of the strut increases patient compliance and amplifies energy return
- Trimmable forefoot ensures a perfect fit
- Fits easily into most shoes

Ordering

- Available in left or right
- Custom version available (see page 68)

Size	XS	SM	MD	LG	XL
Foot Length	8 ½ – 9 ⅝"	9 ⅙ – 10 ¼"	9 ⅝ – 10 ⅞"	10 ¼ – 11 ⅜"	11 ⅜ – 12"
Height	11 ¾"	12 ⅝"	13 ⅜"	14 ⅙"	15"

SpryStep® Max

PDAC APPROVED L1932

Recommended for: Excessive dorsiflexion during stance phase (due to weak plantar flexors) / mild, moderate or pronounced knee instability during stance phase / excessive knee flexion during stance phase (secondary to weak plantar flexors) / quadricep weakness

Features

- Midfoot lateral strut strategically positioned to achieve the desired stabilization and gait assist
- Anterior shell with 3D shaped pad featuring a recessed tibial crest relief zone
- Lightweight, durable composite construction engineered with unique laminated characteristics to prevent delamination and breakage
- Material diversity offers strategic flexibility and stiffness to enhance performance and patient comfort
- Proprietary posterior lateral position of the strut increases patient compliance and amplifies energy return
- Trimmable forefoot ensures a perfect fit

Ordering

- Available in left or right

Size	XS	SM	MD	LG	XL
Foot Length	7 ¾ – 8 ½"	8 ¼ – 9"	9 – 10"	10 – 10 ¾"	10 ¾ – 11 ½"
Height	13 ¼"	14 ½"	15 ½"	16 ½"	16 ½"

SpryStep® Pediatric

PDAC APPROVED L1951

Recommended for: Footdrop / Idiopathic toe walking / mild knee hyperextension / mild foot and ankle tri-planar instability

Features

- Trimmable on the toe, medial side of the footplate and the calf cuff
- Built with increased flexibility for dynamic kids
- Lightweight, durable composite construction engineered with unique laminated characteristics to prevent delamination and breakage
- Proprietary posterior lateral position of the strut increases patient compliance and amplifies energy return
- Fits easily into most shoes

Ordering

- Available in left or right

Size	XS	SM	MD	LG	XL
Foot Length (Min-Max)	3 ¾ - 5 ¾"	4 ¼ - 6 ¼"	5 - 7"	5 ½ - 7 ½"	6 - 18"
Height (Min-Max)	6 ¼ - 7"	7 ½ - 8 ¼"	8 ¾ - 9 ½"	9 ¾ - 10 ½"	11 - 11 ¾"

Calf cuff depth = 2 ½" (the width of the calf cuff can be trimmed up to 1 ½" on each side)

1. This indicates the shortest the footplate can be trimmed with scissors
2. This indicates the lowest the calf cuff can be trimmed with scissors



Trimmable

SpryStep® Carbon Footplate

Turf Toe is the third highest injury that causes college athletes to miss playing time. The SpryStep® Carbon Footplate has been designed to alleviate foot pain and instability. Among non-athletes, there are multiple additional clinical applications for acute or chronic foot conditions.

Recommended for: Greater toe plantar plate injury (turf toe) / metatarsal fractures / Lis Franc injury / forefoot, midfoot Pain

Features

- Integrated toe ramp enhances natural gait
- Rigid carbon core provides great energy return
- Trimmable composite materials all around the footplate for easy customization
- Fits comfortably in most footwear

Ordering

- Available in left and right
- Footplates sold individually, one per order

Size	SM	MD	LG	XL	2XL
Men US Shoe Size	6 - 8 ½	7 - 10	9 - 12	11 - 14	13 - 16
Women US Shoe Size Height	5 - 10	8 - 12	11 - 15 ½	-	-



Customizable

The blue area can be easily trimmed for a perfect fit.





Mid-calf Model

XLR8

PDAC APPROVED L4360/4361

The XLR8 Walker is a full shell pneumatic walking boot that provides a precise anatomical fit and protection for the toe and foot while allowing the patient to walk naturally and comfortably.

Recommended for: *Ligament and tendon related trauma or injuries / severe sprains / stable fracture of the foot and front of foot / pre/post-operative ankle stabilization*

Features

- Full shell structure for optimal immobilization
- Pneumatic bladder with built-in air pump
- Comfortable padded insole
- Easy to inflate and deflate
- Shock absorbing outer sole rocker allows smooth and natural gait

Options

- Heel wedges
- Indoor sanitary outer sole cover
- Mid-calf or full-calf models available
- Universal left or right

	Size	XS	SM	MD	LG	XL
Men US Shoe Size	2 – 4	4 – 7	7 – 10	10 – 13	13 – 16	
Women US Shoe Size	3 ½ – 5	5 – 8	8 – 11	11 – 15	15+	
Size Height						



Adjustable Front Plate Compression



Positional Toe Guard



EZG8 (Easy Gait) Series

PDAC APPROVED L4360/L4361

NON-PNEUMATIC L4386/L4387

Recommended for: Grade 1, 2 and 3 ankle sprains and stable or stable fixed fractures of the foot or ankle.

Features

- Offered in
 - > **Fixed ankle**
 - > **Fixed ankle w/air bootie**
 - > **ROM hinge**
- Aluminum uprights
- Comfortable padded insole
- Shock absorbing outer sole rocker allows natural gait
- Foam bootie available with or without air bladder

Options

- Full height or mid-calf uprights
- ROM hinges (EZG8 ROM Walker)
- Standard or pneumatic (air bladder) bootie
- Heel wedges
- Indoor sanitary outer sole cover
- Universal left or right

Size	XS	SM	MD	LG	XL
Men US Shoe Size	2 – 4	4 – 7	7 – 10	10 – 13	13 – 16
Women US Shoe Size	3 ½ – 5	5 – 8	8 – 11	11 – 15	15+

Townsend PediWalker

PDAC APPROVED L4387

Recommended for: Grade 1, 2 and 3 ankle sprains and stable or stable fixed fractures of the foot or ankle

Features

- Durable alternative to casting for children
- Lightweight, conformable plastic uprights with metal reinforcement bridge
- Simple integrated strapping for easy application
- Reinforced composite rocker bottom facilitates natural gait
- Low profile and non-slip tread
- Extra sturdy for active children
- Universal left or right

Size	SM	MD	LG
Children Size	5 – 8	8 – 13	13 – 3



Malleo Dynastab BOA®

PDAC APPROVED L1902


PRODUCT #235102

The lightweight, low-profile brace for active patients in need of ankle stability. Featuring The BOA® fit system for quick fitting and adjustment, the Malleo Dynastab BOA® is a slim and reliable solution that fits easily into most shoes.

Recommended for: *Mild, moderate or severe sprains of the lateral ligaments / lower tibiofibular sprain / resumption of sports.*

Features

- Fast, easy and reliable BOA® fit system, with a lifetime guarantee
- Wide opening for easy-on and easy-off
- Resistant and comfortable lightweight metal reinforcements
- Figure 8 strapping system provides additional lateral reinforcement
- Lightweight and comfortable antibacterial-treated 3D knit for effective moisture-wicking
- Slim, low-profile design allows the brace to be worn in most types of shoes
- Universal left or right

	Size	0	1	2	3
 Ankle CIRCUM		6 ¾ – 7 ½"	7 ½ – 8 ¾"	8 ¾ – 10 ¼"	10 ¼ – 11 ¾"



Malleo Dynastab


PDAC APPROVED L1902

PRODUCT #235002

Recommended for: *Mild, moderate or severe sprains of the lateral ligaments / lower tibiofibular sprain / resumption of sports.*

Features

- Precise lace-up tightening system
- Same features and benefits as Malleo Dynastab BOA®
- Universal left or right

	Size	1	2	3
 Ankle CIRCUM		7 ½ – 8 ¾"	8 ¾ – 10 ¼"	10 ¼ – 11 ¾"



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Ligacast Air+

PDAC APPROVED L4350

PRODUCT #233401

Recommended for: *Moderate to severe sprains (functional or post-surgery treatment) and malleolar fractures (functional treatment in physical therapy phase).*

Features

- Rigid side shells for firm support
- Inflatable inserts reinforce protection and reduce swelling
- Adjustable heel and Velcro straps for easy application
- Inflator bulb for air pressure customization after brace is fit

Ordering

- OTS universal sizing



Ligacast Anatomic

PDAC APPROVED L4350

PRODUCT #231501

Recommended for: *Moderate or severe sprains, malleolar fractures (functional treatment in physical therapy phase)*

Features

- Rigid side shells for firm support
- Asymmetrical malleoli prominence and flexible edges for anatomical fit
- Honeycomb interior for enhanced patient comfort

Ordering

	Size	0	1
Patient Height		< 5' 3"	> 5' 3"

Ligacast Junior

RECOMMENDED L-CODE L4350

PRODUCT #2600001004

Recommended for: *Moderate or severe sprains and malleolar fractures (functional treatment in physical therapy phase).*

Features

- Rigid side shells for firm support
- Height adjustable heel strap to accommodate a child's anatomy
- Comfortable foam inserts

Ordering

Patient Height

Height < 4 ½ ft



Premier Ankle Brace

RECOMMENDED L-CODE L1970

Recommended for: *Instability / inversion and eversion issues / chronic angle instabilities and some forms of arthritis / posterior tibial tendon dysfunction.*

Features

- Anterior or posterior tibial containment shell
- Thermo-plastic or carbon footplate
- Hinges integrate seamlessly into the brace structure
- Easy to install inserts restrict inversion and eversion motion
- Multiple shell configuration available

Ordering

- Custom from a cast or digital leg scan (see page 81)



Premier-ATS
(Anterior Tibial Shell)



Premier-SU/ATS
(Single Upright with Anterior Shell)



Thermo Plastic-PTS
(Posterior Tibial Shell)



Premier-PTS
(Posterior Tibial Shell)



Premier-PTS/TJ
(Posterior Tibial Shell & Tamarack Joints)



Optional Dorsi Assist Bands



NOX Splint (A)

RECOMMENDED L-CODE L4396

Recommended for: Plantar fasciitis / Achilles tendonitis / tight heel cords

Features

- Hinge design allows for customized stretch
- Adjustable tension strap
- Position indicator window
- Soft padding (strategic interior air bladder)
- Wider metatarsal region
- Non-skid sole
- Universal left or right

Options

- Optional accessory strap

Ordering

	Size	SM/MD	LG/XL
Men US Shoe Size		5 - 9	9 ½ - 14
Women US Shoe Size Height		6 - 10	10 ½ - 15

Night Splint (B)

RECOMMENDED L-CODE L4396

Recommended for: Plantar fasciitis / Achilles tendonitis / tight heel cords.

Features

- Lightweight with adjustable tension
- Washable open cell foam liner
- Comfortable strap pads to protect against discomfort on bony anatomy
- Easy to use, convenient center release buckles
- Non-slip outer sole
- Universal left or right

Ordering

	Size	SM	MD	LG
Men US Shoe Size		3 ½ - 7	7 - 10	10 ½ - 13
Women US Shoe Size Height		4 - 7 ½	8 - 10 ½	10 ½ - 15

Silistab Achillo (C)

PDAC APPROVED A4467

PRODUCT #235502

Recommended for: Achilles tendon injuries including enthesitis / tendonitis / tenosynovitis / bursitis and Haglund's disease / achillodynia following Achilles tendon surgery.

Features

- Medical grade compression
- Soft silicone heel inserts (pair) available in 3 heights
- Dimpled Achilles silicone posterior insert for tendon protection and massage
- Elastic knit for optimal malleoli comfort
- Patented pull tabs for easy application and removal
- Universal left or right

Ordering

	Size	1	2	3	4	5
 Ankle CIRCUM		7 ½ - 8 ¼"	8 ¼ - 9"	9 - 9 ¾"	9 ¾ - 10 ¾"	10 ¾ - 11 ¼"

Malleoaction (D)

PDAC APPROVED A4467

PRODUCT #236102

Recommended for: Mild to moderate sprains / oedema and proprioception

Features

- Provides support and medical grade compression
- Anatomically shaped elastic knit for optimal malleoli comfort
- Patented pull tabs for easy application and removal
- Universal left or right

Ordering

	Size	1	2	3	4	5
 Ankle CIRCUM		7 ½ - 8 ¼"	8 ¼ - 9"	9 - 9 ¾"	9 ¾ - 10 ¾"	10 ¾ - 11 ¼"



Malleo Go (E)

PDAC APPROVED A4467


PRODUCT #T300202

Recommended for: Post-traumatic / postoperative and chronic inflammation / sprains / joint effusions / oedema linked to arthritis and joint disease / moderate joint instability.

Features

- Support and medical grade compression
- Elastic knit for optimal malleoli comfort
- Silicone inserts for malleoli protection
- Available left and right

Ordering

	Size	XS	SM	MD	LG	XL	2XL
 Ankle CIRCUM		6 ¾ – 7 ½"	7 ½ – 8 ¼"	8 ¼ – 9"	9 – 9 ¾"	9 ¾ – 10 ¾"	10 ¾ – 11 ¾"

Ligastrap Malleo (F)

PDAC APPROVED A4467


PRODUCT #218003

Recommended for: Moderate sprains of the lateral ligament (functional treatment) / resumption of occupational activities and sports after moderate to serious sprains / chronic hyperlaxity

Features

- Figure 8 strapping for lateral stabilization and support
- Removable reinforcement strap
- Anti-slip system to prevent migration
- Patented pull tabs for easy application and removal
- Low profile for maximum comfort
- Universal left or right

Ordering

	Size	1	2	3	4	5
 Ankle CIRCUM		7 ½ – 8 ¼"	8 ¼ – 9"	9 – 9 ¾"	9 ¾ – 10 ¾"	10 ¾ – 11 ¾"

