

# 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  $\leq 3$  / 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
- Trimmable forefoot ensures a perfect fit
- Fits easily into most shoes
- Custom version available based on size, pathology, or activity level

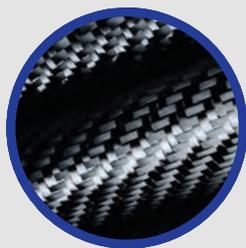
### Ordering

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

Size	XS	SM	MD	LG	XL
Foot Length	8 ½ – 9 ½"	9 ¼ – 10 ¼"	9 ½ – 10 ¾"	10 ¼ – 11 ¾"	11 ¾ – 12"
Height	11 ¾"	12 ⅝"	13 ⅜"	14 ⅛"	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  $\leq 3$  / 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
<b>Foot Length</b>	8 ½ – 9 ⅝"	9 ⅞ – 10 ¼"	9 ⅝ – 10 ⅞"	10 ¼ – 11 ⅜"	11 ⅜ – 12"
<b>Height to Tib Tuberosity</b>	13"	14 ½"	15 ½"	16 ¾"	18"
<b>Calf CIRCUM 1" below fibula head</b>	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
<b>Foot Length</b>	8 ½ – 9 5/8"	9 ½ – 10 ¼"	9 5/8 – 10 7/8"	10 ¼ – 11 3/8"	11 3/8 – 12"
<b>Height</b>	11 3/4"	12 5/8"	13 3/8"	14 1/8"	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
<b>Foot Length</b>	7 ¾ – 8 ½"	8 ¼ – 9"	9 – 10"	10 – 10 ¾"	10 ¾ – 11 ½"
<b>Height</b>	13 ¼"	14 ½"	15 ½"	16 ½"	16 ¾"

# 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
<b>Foot Length</b> (Min <sup>1</sup> -Max)	3 ¾ - 5 ¾"	4 ¼ - 6 ¼"	5 - 7"	5 ½ - 7 ½"	6 - 18"
<b>Height</b> (Min <sup>2</sup> -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



# 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
<b>Men US Shoe Size</b>	6 - 8 ½	7 - 10	9 - 12	11 - 14	13 - 16
<b>Women US Shoe Size Height</b>	5 - 10	8 - 12	11 - 15 ½	-	-





Spine

Shoulder & Elbow

Hand & Wrist

Knee

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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
<b>Men US Shoe Size</b>	2-4	4-7	7-10	10-13	13-16	
<b>Women US Shoe Size Height</b>	3 ½-5	5-8	8-11	11-15	15+	



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
<b>Men US Shoe Size</b>	2-4	4-7	7-10	10-13	13-16
<b>Women US Shoe Size</b>	3½-5	5-8	8-11	11-15	15+
<b>Size Height</b>					

## 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
<b>Children Size</b>	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
 <b>Ankle CIRCUM</b>		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
 <b>Ankle CIRCUM</b>		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
<b>Patient Height</b>	< 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**



A



B



C



D

## 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
<b>Men US Shoe Size</b>		5 - 9	9½ - 14
<b>Women US Shoe Size Height</b>		6 - 10	10½ - 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
<b>Men US Shoe Size</b>		3½ - 7	7 - 10	10½ - 13
<b>Women US Shoe Size Height</b>		4 - 7½	8 - 10½	10½ - 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
 <b>Ankle CIRCUM</b>		7½ - 8¼"	8¼ - 9"	9 - 9¾"	9¾ - 10¾"	10¾ - 11¼"

## 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
 <b>Ankle CIRCUM</b>		7½ - 8¼"	8¼ - 9"	9 - 9¾"	9¾ - 10¾"	10¾ - 11¼"



E



F

## 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
 <b>Ankle CIRCUM</b>		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
 <b>Ankle CIRCUM</b>		7 ½ – 8 ¼"	8 ¼ – 9"	9 – 9 ¾"	9 ¾ – 10 ¾"	10 ¾ – 11 ¾"

