

# Foot & Ankle

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



## SpryStep® One

PDAC APPROVED L1951 / L1952

**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:**

- Three trimmable areas: calf cuff, rear foot, and toes
- 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
- Fits easily into most shoes

Universal Sizing			
Foot Length		Calf Height	
Min <sup>1</sup>	Max	Min <sup>2</sup>	Max
9 ½"	11 ¾"	13 ¾"	15"

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®

PDAC APPROVED L1951 / L1952

**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.

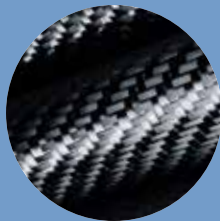
**Features**

- 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
- Trimmable forefoot ensures a perfect fit
- Fits easily into most shoes
- Custom version available based on size, pathology, or activity level

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

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.



Proprietary composite technology

Remarkable strength and beautiful cosmetic characteristics.



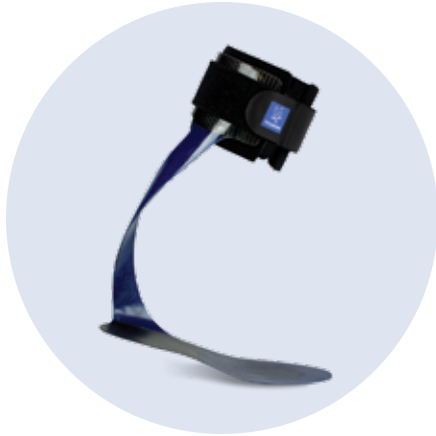
Posterior Lateral Strut

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

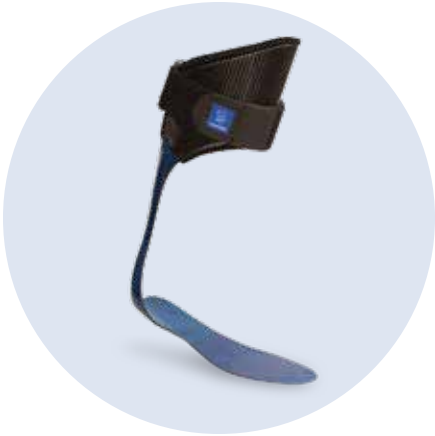
PDAC APPROVED L1951/ L1952

**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

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



SpryStep® Plus

PDAC APPROVED L1932 / L1933

**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

Size	A	B	C
XS	8 ½ – 9 ⅝"	13"	11 ½ – 14 ½"
SM	9 ⅞ – 10 ¼"	14 ½"	12 ¾ – 15 ¾"
MD	9 ⅝ – 10 ⅞"	15 ½"	13 ½ – 17 ½"
LG	10 ¼ – 11 ⅜"	16 ¾"	14 ¾ – 18 ¾"
XL	11 ⅜ – 12"	18"	15 ½ – 20 ½"

- A - Foot Length  
B - Height to Tib Tuberosity  
C - Calf Circumference 1" below fibula head



SpryStep® Max

PDAC APPROVED L1932 / L1933

**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 anterior lateral position of the strut increases patient compliance and amplifies energy return
- Trimmable forefoot ensures a perfect fit

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



SpryStep® Pediatric

PDAC APPROVED L1951 / L1952

**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

Size	Foot Length (Min¹–Max)	Height (Min²–Max)
XS	3 ¾ – 5 ¾"	6 ¼ – 7"
SM	4 ¼ – 6 ¼"	7 ½ – 8 ¼"
MD	5 – 7"	8 ¾ – 9 ½""
LG	5 ½ – 7 ½"	9 ¾ – 10 ½"
XL	6 – 8"	11 – 11 ¾"

- Calf cuff depth = 2 ½" (the width of the calf cuff can be trimmed up to 1 ¼" 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

**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

Size	Kids Shoe		Foot length
4XS	8 - 10	–	6 ¼ – 7 ⅞
3XS	10 - 12	–	7 ⅞ – 7 ¾
2XS	12 - 2	–	7 ¾ – 8 ¾
XS	2 - 4	–	8 ¾ – 9 ⅞

Size	US Men Shoe	US Women Shoe	Foot length
SM	6 – 8 ½	5 – 10	10 ½
MD	7 – 10	8 – 12	11
LG	9 – 12	11 – 15	11 ⅞
XL	11 – 14	15 – 18	12 ½
2XL	13 – 16	–	13
3XL	15 – 18	–	13 ⅜



## XLR8

PDAC APPROVED L4360 / L4361

**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
- Mid-calf or full-calf models available
- Universal left or right

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



## XLR8 Mid Calf

PDAC APPROVED L4360 / L4361

**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
- Mid-calf or full-calf models available
- Universal left or right

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



## EZG8 Fixed Ankle

PDAC APPROVED L4360 / L4361

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

### Features

- 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
- Pneumatic (air bladder) bootie
- Heel wedges
- Universal left or right

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



## EZG8 Mid Calf Fixed Ankle

PDAC APPROVED L4360 / L4361

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

### Features

- 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
- Pneumatic (air bladder) bootie
- Heel wedges
- Universal left or right

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



## Select Walker

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

- Formable plastic 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
- Fixed ankle
- Fixed ankle with air bootie
- Heel wedges (optional)
- Universal left or right

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



## NOX Splint

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

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



## Night Splint

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

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



## Silistab Achillo

PDAC APPROVED A4467

**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 three 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

	Size	Ankle Circumference
	1	7 ½ – 8 ¼"
	2	8 ¼ – 9"
	3	9 – 9 ¾"
	4	9 ¾ – 10 ¾"
	5	10 ¾ – 11¾"



## Malleoaction

PDAC APPROVED A4467

**Recommended for:** Mild to moderate sprains / edema 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

	Size	Ankle Circumference
	1	7 ½ – 8 ¼"
	2	8 ¼ – 9"
	3	9 – 9 ¾"
	4	9 ¾ – 10 ¾"
	5	10 ¾ – 11¾"



## Malleo Go

PDAC APPROVED A4467

**Recommended for:** Post-traumatic / postoperative and chronic inflammation / sprains / joint effusions / edema 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

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



## Ligastrap Malleo

PDAC APPROVED A4467

**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

	Size	Ankle Circumference
	1	7 ½ – 8 ¼"
	2	8 ¼ – 9"
	3	9 – 9 ¾"
	4	9 ¾ – 10 ¾"
	5	10 ¾ – 11¾"





## Malleo Dynastab BOA®

PDAC APPROVED L1902

**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
- Antimicrobial-treated 3D knit offers lightweight comfort and effective moisture-wicking performance
- Slim, low-profile design allows the brace to be worn in most types of shoes
- Universal left or right

	Size	Ankle Circumference
	0	6 ¼ - 7"
	1	7 - 9"
	2	9 - 10 ¼"
	3	10 ¼ - 12"



## Malleo Dynastab BOA® Open

PDAC APPROVED L1902

**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
- Full posterior opening
- Resistant and comfortable lightweight metal reinforcements
- Figure 8 strapping system provides additional lateral reinforcement
- Antimicrobial-treated 3D knit offers lightweight comfort and effective moisture-wicking performance
- Slim, low-profile design allows the brace to be worn in most types of shoes
- Universal left or right

	Size	Ankle Circumference
	1	7 - 9"
	2	9 - 10 ¼"
	3	10 ¼ - 12"



## Malleo Dynastab

PDAC APPROVED L1902

**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	Ankle Circumference
	1	7 - 9"
	2	9 - 10 ¼"
	3	10 ¼ - 12"



## Ligacast Anatomic

PDAC APPROVED L4350

**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

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



## Ligacast Air+

PDAC APPROVED L4350

**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 hook and loop straps for easy application
- Inflator bulb for air pressure customization after brace is fit

### Ordering

- OTS universal sizing