

## Indications

Pediatric conditions that may affect the lower limbs and indicate SpryStep® Pediatric intervention. Assessment by a healthcare professional is always recommended.

- Cerebral Palsy
- Poor proprioceptive awareness
- Footdrop
- Idiopathic toe walking
- Mild knee hyperextension
- Hypotonia
- Spina bifida
- Hypertonia
- Muscular dystrophy
- Mild foot and ankle tri-planar instability
- Hypermobility
- Wheelchair positional aims
- Selective Dorsal Rhizotomy
- Delayed standing
- Ehlers-Danlos syndrome

## Contraindications

These contraindications are pathological conditions that the orthosis was not intended to address.

- Patients over 60 kilograms / 130lbs (please call Thuasne USA for custom options)
- Moderate to severe spasticity of the foot and ankle
- Open ulcers of the foot, ankle or lower leg
- Moderate to severe edema
- Moderate to severe foot deformities
- Moderate to severe ankle instabilities
- Moderate to severe fixed ankle varus or valgus conditions
- Non-correctable triplanar instability
- Plantarflexion contracture

## Cautions

- Ensure the SpryStep® Pediatric is applied firmly but not too tight as to cause impingement
- SpryStep® Pediatric can only be worn in appropriate footwear (closed heel, closed toe, maximum heel pitch of 1”).

## Warranty

- 1-year warranty on carbon fiber portion of the AFO
- 6 months warranty for pad and strap

## Warranty Limitations

- Damage from use outside the planned parameters
- Grinding of the strut
- Trimming of the brace structure beyond the dimensions indicated in the size chart
- A brace that has been trimmed CANNOT be returned for credit or replacement



## Product Disclaimer

This brace is a prescription product that should be used in accordance with the directives of a physician as part of a treatment plan for managing the patient’s total health. While this type of brace has proven beneficial to many patients, outcomes will vary based on factors including patient age, general health, and/or lack of compliance with instructions for how to put on and use the product. Because of variations in the health and condition of each patient, Townsend Design also does not make any specific recommendations regarding appropriate activities for the user of this brace. You should IMMEDIATELY DISCONTINUE USE of this brace if there is any abnormal redness that lasts more than 10 minutes after removing the brace, or any skin irritation, bruising, blistering or abrasion.

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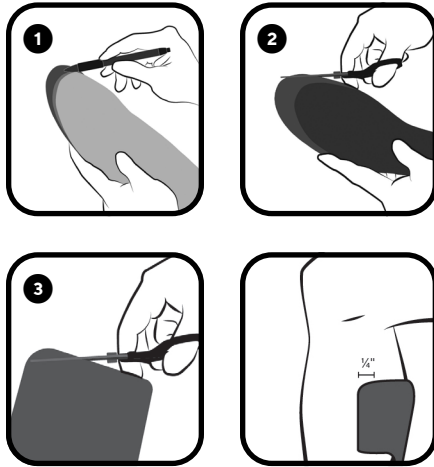
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L-0162 REV. A



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## Foot plate and calf cuff preparation



*Note: make sure not to trim the pad too much. There must be a 1/4" overlap of the pad over the calf cuff.*

### 1. Tracing Footwear Inlay

- Use the inlay from the footwear to measure the template size
- Trace the template onto the SpryStep® Pediatric footplate

### 2. Cutting the Foot Plate

- Using scissors, trim the footplate to the correct template size
- Note: It is only possible to trim according to the dimensions provided in the size chart

### 3. Trimming the calf cuff

- Remove the pad and the strap.
- Using scissors, trim the calf cuff to adapt to the size of the patient's leg. You can remove up to 1 1/2" on each side
  - The calf cuff trim should ideally finish in the sagittal midline
  - The posterior height should not impinge on the thigh when the knee is flexed 90°
- Once the calf cuff is trimmed, you can then put the pad back in place and trim it to match calf cuff.
- Once the pad and the cuff have been trimmed, you can then put the strap back in place. The strap can also be trimmed to length

## Fitting instructions

### 1. Place SpryStep® Pediatric into Shoe

- Place into shoe
- Keep the original inlay out of the shoe, if removable
- The SpryStep® Pediatric should fit into the shoe with minimal distortion to the shoe
- Place original inlay over the top of the SpryStep® Pediatric foot plate
- If there is no original removable inlay, then disregard this step

### 2. Fitting the SpryStep® Pediatric

- With the shoelaces loose, slide the foot inside the shoe

### 3. Check the Fit

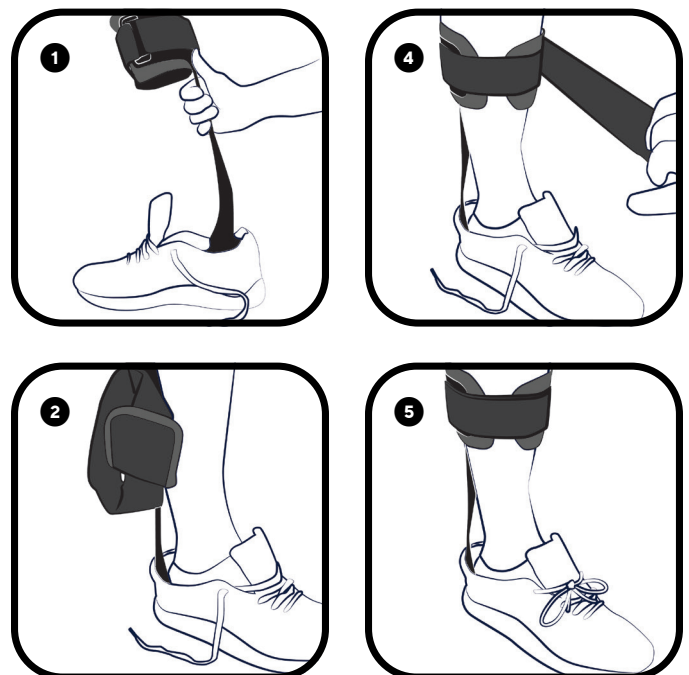
- Ensure the heel sits flat on the sole and that the shoe heel is not distorted

### 4. Secure the Calf Strap

- The strap wraps circumferentially around the calf
- If the strap is too long, trim the strap with scissors
- Fasten strap firmly

### 5. Secure the Fit

- Ensure laces or other fastening mechanisms are firmly fastened
- Ensure comfort with no impingements prior to use



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