



THUASNE

SpryStep® Vector



Medical Professional Instruction Guide

Indications

These indications are biomechanical deficits that the orthosis is intended to address. Assessment by a healthcare professional is always recommended.

- Fatigueable footdrop
- Footslap
- Footdrop
- Excessive plantarflexion during swing phase (secondary to weak dorsiflexors)
- Weakness of the pretibial muscles ≤ 3
- Plantar flexor strength 3 or 4
- Mild knee instability during stance phase
- Moderate knee instability during stance phase
- Mild quadriceps weakness
- Excessive knee flexion during stance phase (secondary to weak plantarflexors)
- Circumduction
- Vaulting
- High knee gait Hip hiking / contralateral trunk lean

Contraindications

These contraindications are pathological conditions the orthosis was not intended to address. In some scenarios the assessment of a trained CPO can override these suggestions.

- Patients over 250lbs (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
- Running/high impact activities (please call Thuasne USA for custom options)

Cautions

- Risk of accident when driving a motor vehicle or machinery when wearing SpryStep® Vector is determined on a case by case basis. Criteria include the type of fitting and the individual abilities of the SpryStep Vector user
- If the SpryStep® is applied too tightly to the body it can result in restricted blood flow or nerve palsy
- SpryStep® Vector can only be worn in appropriate footwear (closed heel, closed toe, maximum heel height of 1")

Warranty

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

Warranty Limitations

- Extreme squatting or kneeling.
- Loading a portion of the toe while climbing stairs or uneven surfaces



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, Thuasne USA 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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Options Available



Posterior Shell

The SpryStep® Vector (original) has been designed to provide high level triplanar control through stiffness optimization and anatomical trimline placement.



Pre-Tibial Shell

The Pre-Tibial shell can be utilized when further knee control is required.



Pre-Tibial Shell & Varus Correction

Combining pre-tibia shell and varus flange will provide maximum control.



Posterior Shell & Varus Correction

The varus flange/correction can be introduced to provide additional support to assist in controlling inversion.

Fitting instructions

1. Place SpryStep® Vector into Shoe

- Take the original inlay out of the shoe, if removable
- The SpryStep® Vector should fit into the shoe with minimal distortion to the shoe

2. Fitting the SpryStep® Vector

- With the shoe laces loose, slide the foot inside the shoe. You may use a shoe horn if needed

3. Check the Fit

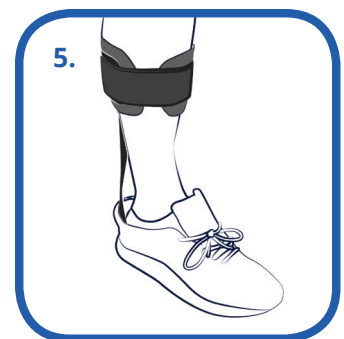
- Ensure the heel sits flat on the sole and that the shoe heel is not distorted

4. Secure the Calf Strap

- Feed the straps through the loop
- If the strap is too long, remove the alligator tab and trim the strap with scissors
- Replace alligator tab
- Fasten strap firmly

5. Secure the Fit

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





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Patient Instruction Guide

Fitting instructions

1. Place SpryStep® Vector into Shoe

- Take the original inlay out of the shoe, if removable
- The SpryStep® Vector should fit into the shoe with minimal distortion to the shoe

2. Fitting the SpryStep® Vector

- With the shoe laces loose, slide the foot inside the shoe. You may use a shoe horn if needed

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

- Feed the straps through the loop
- If the strap is too long, remove the alligator tab and trim the strap with scissors
- Replace alligator tab
- Fasten strap firmly

5. Secure the Fit

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



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