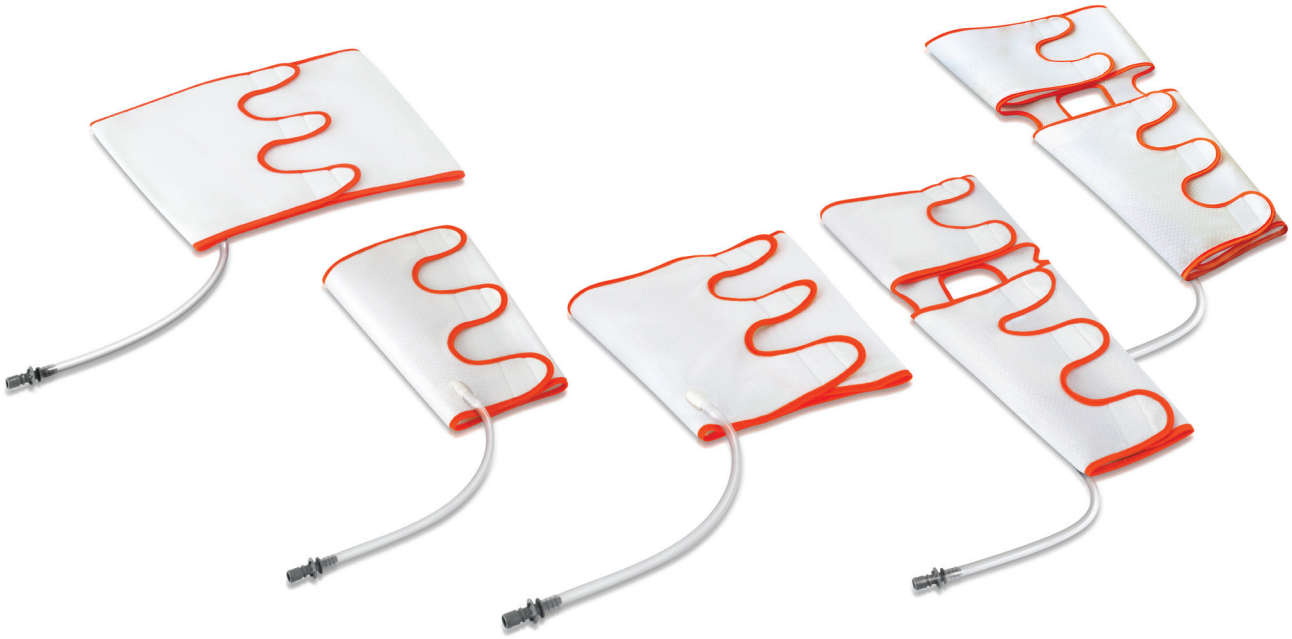
SEQUENTIAL COMPRESSION

Flowtron®
Active Compression System
Tri Pulse garments



Sequential garment range for effective DVT prevention, designed for optimal anatomical fit and enhanced patient comfort.

Featuring SmartSense™ Automatic Garment Recognition technology

Compliance begins with comfort

With comfortable, premium fabrics making the patient more inclined to wear the garments during therapy, Flowtron addresses the core challenge of comfort in VTE prevention. Proven comfortable, Flowtron garments promote effective prevention and improved patient outcome.[1-3]

The challenge

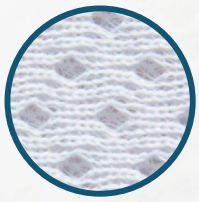
The use of IPC as a prophylactic method requires the patient to wear garments continuously over time. This is vital to the success of IPC in reducing the risk of VTE in the hospital environment. Guidelines recommend therapy to take place continuously for 18-24 hours per day, and for no less than 72 hours or until the patient is fully mobile. Mechanical prophylaxis has been suggested for as long as 10-14 days post-operatively for patients undergoing major orthopaedic surgery.[4,5]

Patients may remove sleeves if they are uncomfortable, particularly if they make the skin feel too hot, sweaty or itchy, or if the sleeves in other ways irritate the skin. Patient discomfort may increase the need for caregivers to perform manual checks and refit sleeves to non-compliant patients that otherwise risk missing out on therapy.

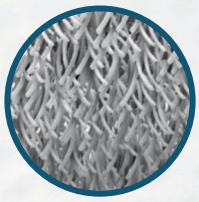
Clinical relevance

Increasing emphasis has been placed on the comfort of VTE garments in improving wear time which is linked with reduced VTE event rates.[2]

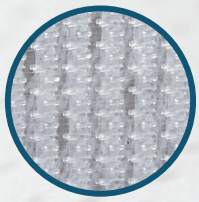
A randomised, controlled trial evaluating patient compliance with IPC therapy, demonstrated that a garment which was more comfortable was worn for longer periods.[3]



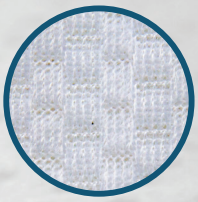
Soft and breathable inner fabric transfers heat and moisture away from the skin through micro vents



Cushioning interior fibres designed to aid patient comfort



Simple and robust Velcro® closures that helps keep the garment secure



Lightweight mesh outer fabric helps prevent the build-up of heat to keep the patient cool and dry

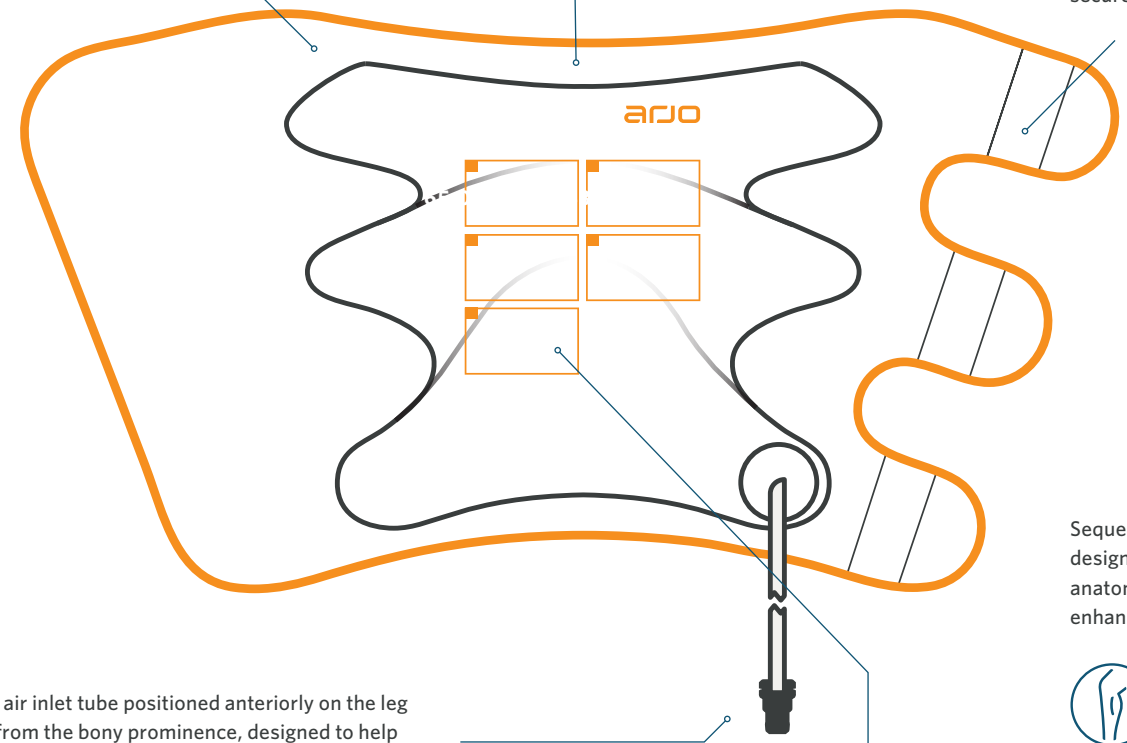


Sequential Tri Pulse garments

Advanced Airflow Light fabric keeps the skin cool and dry by preventing heat and moisture build-up[6]

Garment designed to follow the natural curve of the leg, with patented wing-shaped bladder wrapping around the calf

Simple and robust Velcro® closures helping to promote effective therapy by providing a secure and snug fit

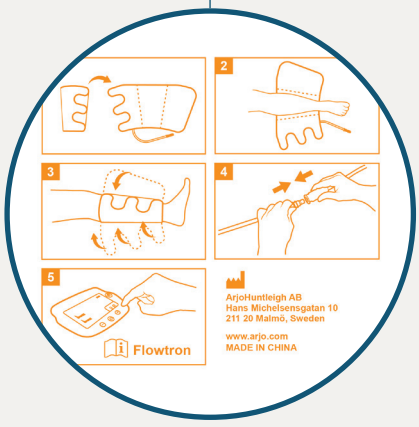


Sequential garment range designed for optimal anatomical fit and enhanced patient comfort



Single air inlet tube positioned anteriorly on the leg away from the bony prominence, designed to help reduce the risk of pressure injuries and to promote safety with less tubing around the patient

Clear visual instructions printed on the garment for ease of use and safety in application[7]



Compression Type

Sequential

Application

Calf

Thigh

Sizing

M — Medium

L — Large

XL — X-large, bariatric

USER-FRIENDLY GARMENT PACKAGING WITH LESS WASTE THROUGHOUT THE PRODUCT LIFECYCLE

- **New manufacturing and packaging process**
  Less material use and reduced scrap in garment manufacturing and packaging
- **New polybag material**
  Higher quality, fully recyclable and easier to open
- **User instructions printed on polybag / Application guide printed on garment**
  Improved legibility, ease of use and safety
- **Elimination of paper format IFU**
  Preservation of our environment and forests by less paper waste

Flowtron Tri Pulse garments

Application	Item ref	Size	Measurement
	TRP10	M	≤ 43cm/17in
	TRP20	L	≤ 58cm/23in
	TRP60L	XL	≤ 81cm/32in
	TRP30	M	≤ 71cm/28in
	TRP40	L	≤ 89cm/35in

1. Arjo Independent Test Data on File. Tri Pulse: water vapour resistance, thermal resistance (single plate method), drying time, liquid wicking rate and water vapour permeability testing. September 2019. Test report E-008677/C. **2.** Kucher N, Koo S, Quiroz R et al. Electronic alerts to prevent venous thromboembolism among hospitalized patients. N Engl J Med. 2005; 352:969-977. **3.** Pagella P, Cipolle M, Sacco E et al. A randomised trial to evaluate compliance in terms of patient comfort and satisfaction of two pneumatic compression devices. Orthop Nurs. 2007; 26(3):169-74. **4.** Guyatt GH, AKL EA, Crowther M et al. Executive Summary: Antithrombotic Therapy and Prevention of Thrombosis. 9th edition. American College of Chest Physicians. Evidence-Based Clinical Practice Guidelines. Chest. 2012; 141(2):7S-47S. **5.** Kearon C, Akl EA, Ornelas J et al. Antithrombotic Therapy for VTE Disease: CHEST Guideline and Expert Panel Report. Chest. 2016; 149(2):315-352. **6.** Kakkos SK, Caprini JA, Geroulakos G et al. (2008). Combined intermittent pneumatic leg compression and pharmacological prophylaxis for prevention of venous thromboembolism in high-risk patients. Cochrane Database of Systematic Reviews; Issue 4, CD005258. **7.** Arjo Data on File: Formative Evaluation Report 100082820. December 2019.

Arjo.A00274.1.0.INT.EN – Flowtron Tri Pulse Garment Spec sheet. March 2020. Only Arjo designed parts, which are designed specifically for the purpose, should be used on the equipment and products supplied by Arjo. As our policy is one of continuous development we reserve the right to modify designs and specifications without prior notice.