

Fourier Rehab Global Partnership Network



www.fftai.com



care@fftai.sg



[@FourierRehab](https://www.youtube.com/@FourierRehab)



[@FourierRehab](https://www.facebook.com/FourierRehab)

China Corporate Office

Fourier Intelligence Co. Ltd
Floor 2, Building 12,
No. 2388 Xiupu Road,
Pudong District,
Shanghai, China, 201203

Tel: +86 21 5030 8716

Singapore Corporate Office

**Fourier Intelligence
International Pte. Ltd.**
Marina One West Tower,
9 Straits View #05-07,
Singapore 018937

Tel: +65 6911 6651

Malaysia Corporate Office

Fourier Intelligence Sdn. Bhd.
Level 8-2, Menara Pernas,
Tower 7, Avenue 7,
Bangsar South City,
59200 Kuala Lumpur

Tel: +603 - 2242 0170



AirFortis™

Intermittent Pneumatic Compression Therapy System

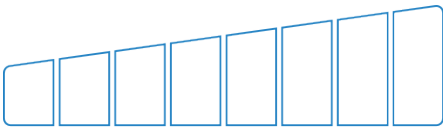


AirFortis™

AirFortis™ is an intermittent pneumatic compression (IPC) device with a monitor to control the inflatable garments that are wrapped around the limbs. With the availability of different treatment modes, the inflating and deflating movements of device provide sequential compression on the limbs. This will help to promote the flow of tissue fluid, blood, and lymphatic circulation, thereby preventing deep vein thrombosis (DVT) and reducing oedema.



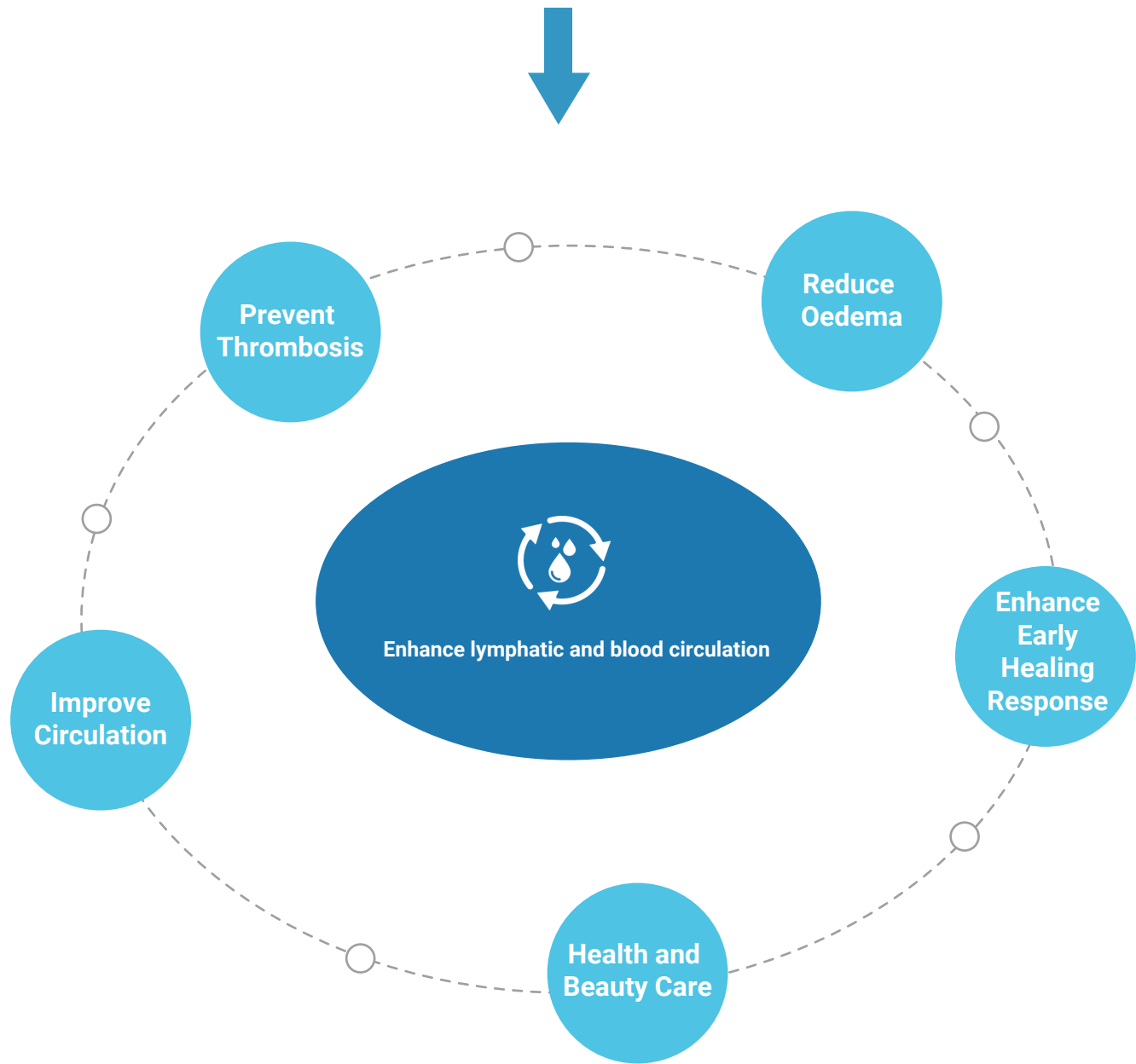
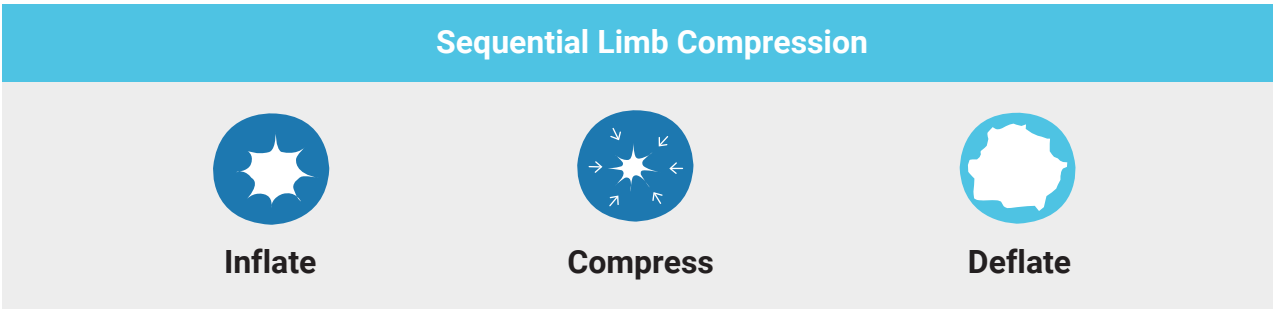
AirFortis™ K1
4 Chambers



AirFortis™ K3
8 Chambers

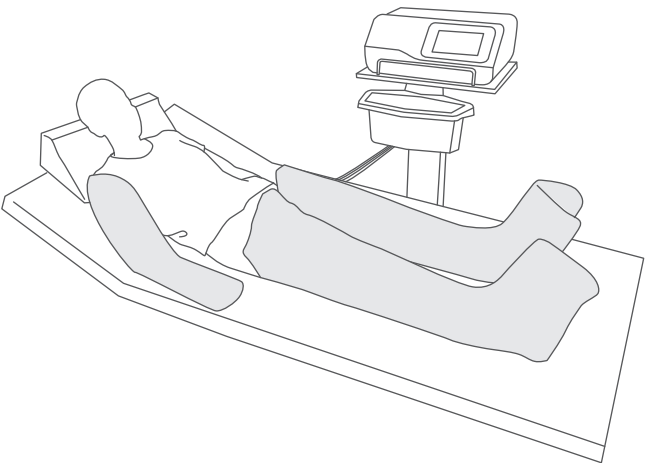


Key Features



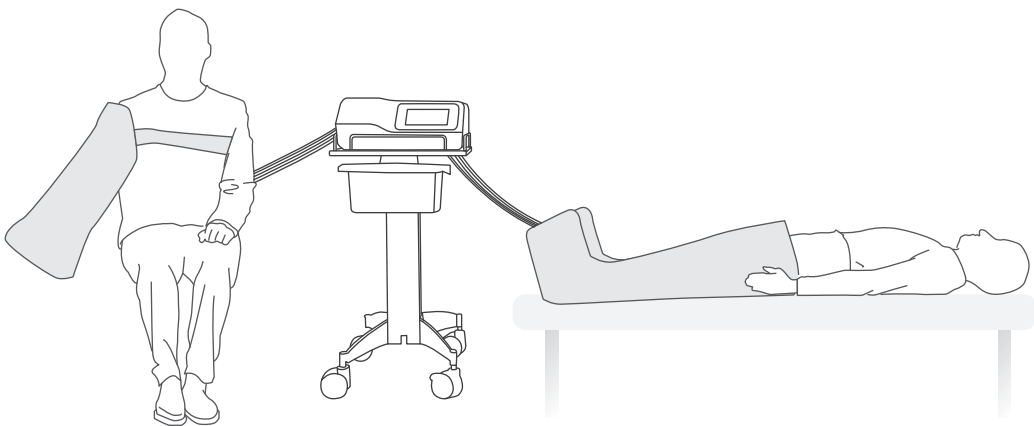
Two-Channel Output

AirFortis™ consists of two independent adjustable channel outputs to allow single-patient or dual-patient treatment. For single-patient treatment, AirFortis™ can provide treatment on both upper and lower limbs. For dual-patient treatment, two patients can be treated simultaneously in different modes. This feature helps to save space and time, leading to improved treatment efficiency.



Single-Patient Treatment

Patients can be treated for either both upper limbs, both lower limbs or each of the upper and lower limbs to meet different treatment needs.

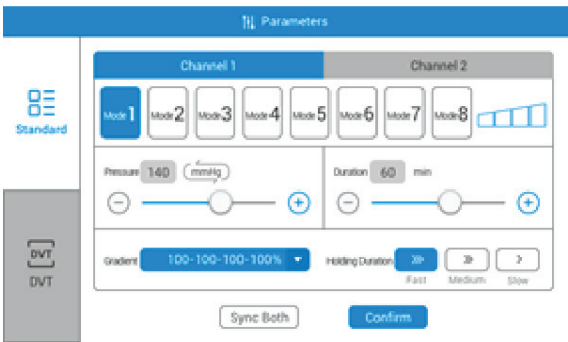


Dual-Patient Treatment

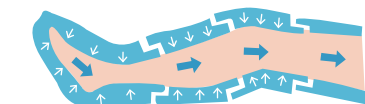
With two independent adjustable channel outputs, concurrent treatments for two different patients are achievable with the treatment efficiency being increased.

Multiple Treatment Modes

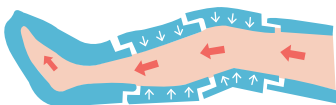
A variety of treatment modes satisfy different clinical scenarios.



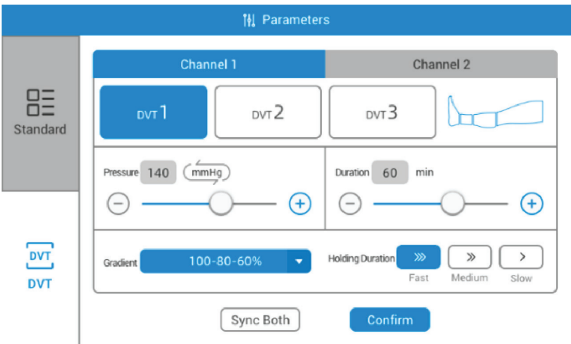
8 Standard Treatment Modes



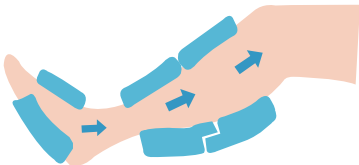
Distal to proximal compression to promote venous and lymphatic return



Proximal to distal compression to promote artery perfusion



3 DVT Treatment Modes



Prevent DVT

Adjustable Individual Chamber Pressure Personalised Therapy

The power status and pressure of each chamber can be set manually according to the patient's condition. The zero or low-pressure settings can be adopted for the chamber surrounding the wound site, enabling personalised therapy and ensuring safe use.

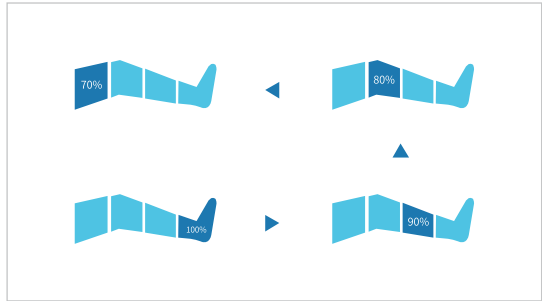


7-inch Touchscreen Monitor Convenient Treatment Journey

The colour touchscreen monitor implements a human-machine interaction that offers an easy-to-operate solution for therapists.

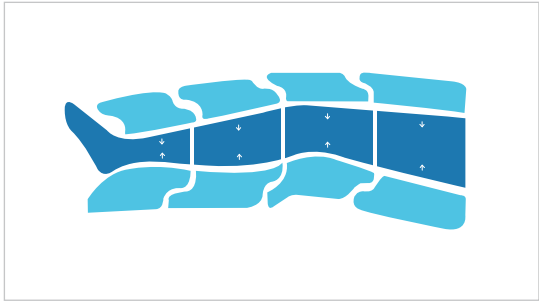


User-Friendly Design Safe and Comfortable



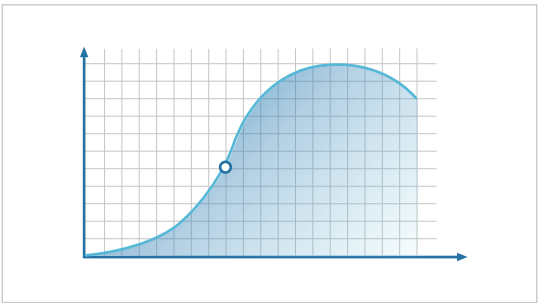
Pressure Gradient

Ensure the flow of blood and tissue fluid in one direction to prevent damage to venous valves.



Overlapping Chamber Design

Overlapping chambers eliminate pinch points to provide more comfortable treatment.



Real-Time Pressure Monitoring

Each chamber consists of built-in pressure sensors to monitor the real-time pressure.



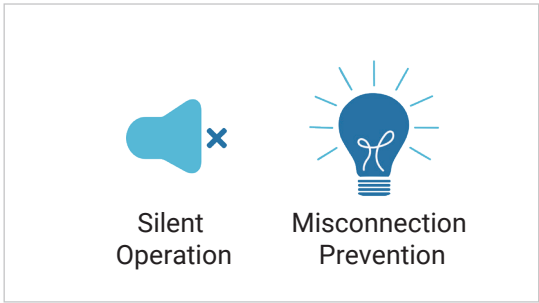
Automatic Pressure Relief Protection

Pressure releases within 2 seconds during emergency stop to prevent injury.



Overpressure Protection

Chamber pressure will not exceed the maximum allowable pressure in any scenario.



Silent Operation and Misconnection Prevention

Low noise level of below 60db; Tubes are designed to match specific garment connector ports to prevent misconnection.

Empowering You

Fourier Rehab is a technology-driven company, infusing creativity into the development of exoskeleton and rehabilitation robotics. Together with researchers, therapists, and patients, we aim to excel in developing and redefining rehabilitation robotics solutions with interconnectable intelligent robotics technology by elevating user experience with an intuitive, easy-to-use system to empower the users and clinicians.

Fourier Global Research Joint Laboratories and Clinical Partners

















