HYDROVEN® 3 SERIES

3 Chamber Intermittent Pneumatic Compression
An effective treatment for a variety of circulatory disorders

Venous leg ulcers (VLU) are a significant health problem that afflicts a large percentage of the population.

Intermittent Pneumatic Compression (IPC) is an effective treatment for a variety of circulatory disorders.

The hydroven 3 Intermittent Compression System (IPC) has been developed to address the following vascular conditions:

- Oedema
- Lymphoedema
- Chronic Venous Insufficiency
- Acute and chronic wound management including venous leg ulcers and post-surgical wounds.

hydroven 3 can be used as an adjunct to traditional compression therapies in patients who may be immobile or are unable to tolerate pain from conventional therapy or have previously failed treatment with other modalities. The simple to use system is designed to provide each of its patients with maximum comfort and a treatment which delivers an effective outcome.
hydroven 3 can be used at home, clinic or hospital setting, its robust design ensures that the system can be handled, transported and stored safely and easily.

hydroven 3 offers clinicians a choice of single or three chamber garments which can be applied to the patients’ upper or lower limbs. Garment inflation and deflation cycles which are specific to the type of therapy being delivered are controlled from a high reliability silent pneumatic pump.

“Relevant hydroven 3 quote here”

A legacy you can trust

Huntleigh has been innovating and developing products that assist in the management and treatment of Vascular and Lymphatic conditions for over 30 years. Linking this experience to our world class hand held Dopplers and assessment systems, Huntleigh are uniquely positioned to offer clinicians comprehensive solutions for the holistic assessment and treatment of vascular conditions.
Effective treatment with simple, easy to use operation

Snap lock connection system
A secure single hose, snap-lock connection system ensures a positive connection between both garment and pump. It eliminates any potential for accidental disconnection or air leak.

Silent operation
hydroven 3 uses a vibration free pump which minimises disturbances around the patient environment, ensuring that the system fits comfortably into the patients’ lifestyle and surrounding area.

Single limb or bi-lateral assessment
Single or bi-lateral assessment is possible by simply connecting two garments to the system.
Simple, easy to use operation

Integrated handle
The integrated handle promotes safe and effective transportation.

Simple controls
The simple minimal controls can be accessed with the minimum of effort. Main on/off control and garment pressure adjustment promotes patient compliance which enhances the patient experience.

Auto detection
Automatic detection of single or dual garments supports the different treatment regimes.
Designed for patient comfort, durability and performance.
Durable garments

All hydroven garments are manufactured with a soft pliable inner lining for maximum patient comfort; the construction of each garment ensures inward expansion to fit the contours of each limb.

The inflatable foot section ensures pressure is distributed around the foot to aid blood flow and treatment. If patient movement is restricted or impaired, the large ring pull zip ensures easy garment application and removal.

Clinical evidence

Application of Intermittent Pneumatic Compression (IPC) in conjunction with sustained graduated compression improves outcomes in patients with the most advanced venous diseases.

Using IPC in combination with bandaging may be more effective than bandaging alone. The sequential inflation and deflation of the chambers creates intermittent pressure peaks, mimicking the effect of the calf muscle pump thus offering a number of benefits such as improved tissue oxygenation, accelerated venous return and healing rates.

Management of chronic venous leg ulcers is complex and demanding. Application of IPC has shown to be beneficial and could be considered to optimize outcome.
As a proud member of the Arjo family, we have been committed to supporting healthcare professionals in improving outcomes and enhancing patient wellbeing since 1979. We do this through our proven solutions for Vascular Assessment & Treatment and Fetal & Patient Monitoring. With innovation and customer satisfaction as our guiding principles, we strive for clinical excellence and improved performance, for life.

References
3 Case Reports in Clinical Medicine, 2014, 3, 513-517. Published online September 2014. http://www.scrip.org/journal/crcm

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