New treatment for lower limb wound healing

Huntleigh, a member of the Arjo family, are pleased to announce the UK release of a new innovative technology designed to assist in the management of hard-to-heal leg ulcers. Developed at the Arjo R&D faculty in Cardiff, the Wound Express™ Advanced Wound Therapy Device is designed to be used in conjunction with standard treatment techniques and has been shown to significantly reduce the size of venous and mixed aetiology hard-to-heal wounds in some patients and heal other wounds completely in just eight weeks of use (Naik et al, 2019).

The ongoing treatment costs of venous leg ulcers (VLUs) currently can be expensive, leading to large economic burdens on health services in many countries. The NHS manages an estimated 278,000 VLUs every year, of which 47% (130,660) do not heal within 12 months, costing over £1.7 billion per year (Guest et al, 2018). To help reduce this cost burden, Huntleigh Healthcare has developed a new concept in wound healing. This device, Wound Express, uses intermittent pneumatic compression (IPC) to increase blood flow around the leg ulcer.

The Wound Express system has a specially designed three chamber garment that attaches to the pump, which has a patented timing cycle that augments venous and arterial blood flow. Unlike standard treatment, the Wound Express universal garment has been designed to be placed on the thigh and not on the wound site.

Many patients adapt their lives to accommodate living with a wound, which often affects their day-to-day living. Nicky Ivins, clinical research director at the Welsh Wound Innovation Centre, spoke about how this new technology can improve patients’ quality of life:

Wound Express provides the patient with an opportunity to apply additional compression with the aim of increasing the rate of healing, reducing the level of oedema, volume of exudate and consequently reducing the overall pain experienced in the lower leg. Importantly, patients can self-manage at a time that suits them, giving them an opportunity where they can apply a daily therapy without being dependent on a healthcare provider.

Professor Keith Harding, medical director of the Welsh Wound Innovation Centre, describes Wound Express as, ‘an innovative and exciting new approach for treating patients with lower limb problems. It has the potential to be a real game changer in managing a difficult aspect of clinical practice’.

This simple to use device is ideally suited for patients to use at home. The lightweight, portable and quiet pump allows the two-hour therapy cycle to be delivered, while minimising disruption to lifestyle and daily activities. Patients can therefore become more empowered in the self-management of their condition.

Released to the UK market in September 2019, Wound Express has the potential to enable wound care specialists to increase efficiencies, while also substantially reducing the time spent on nursing visits.

REFERENCES


For more information...

Further information on Wound Express can be found at: www.woundexpress.com, or by contacting Huntleigh on: 029 2048 5885.
A new concept in wound healing from Huntleigh, your trusted partner in wound care

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Wound Express™
Advanced Wound Therapy Device is designed to be used in conjunction with standard treatment techniques and has been shown to significantly reduce the size of venous and mixed aetiology ‘hard to heal’ wounds in some patients and heal other wounds completely in just 8 weeks of use.

(Naik et al, 2019).

<8 weeks therapy with Wound Express

- 67 year old man
- Painful leg
- Ulcer size 2.5cm²
- Ulcer healed

For more information contact:
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Find out more about Wound Express at www.woundexpress.com

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