WoundExpress™

Advanced Wound Therapy Device
"Wounds are a common, expensive and frustrating clinical challenge" – Professor Keith Harding

Leg ulcers: the problem

**COMMON**

Approximately 1% of the western population will suffer from a Venous Leg Ulcer (VLU) during their lifetime.¹

**EXPENSIVE**

The direct cost of managing patients with VLUs is £7706 per patient per annum in the UK; this translates to an annual cost of over £2 billion to the UK NHS.²

**FRUSTRATING**

For patients, the pain, leaking exudate, odour and restricted mobility associated with living with a VLU often leads to depression, anxiety and social isolation. For health care professionals, VLUs present a considerable burden to increasingly stretched financial and staff resources.

Introducing a new concept in wound care therapy

Comprising of a single-patient-use garment and a pump, the WoundExpress™ uses Intermittent Pneumatic Compression (IPC) to increase blood flow around the leg ulcer.

Unlike all other VLU compression therapies, the 3 chamber garment is easily applied by the patient to the thigh of the ulcerated limb, away from the wound site, and is used for only 2 hours per day as an adjunct to standard treatment.

- Provides therapy away from wound increasing comfort and compliance.
- Can be used at home by the patient without need for nurse support.
- Shown to accelerate wound healing and to significantly lower pain levels.

How does it work?

The Wound Express system has a patented timing cycle that augments venous and arterial blood flow.

By inflating the garment in this special sequence, venous blood flow is increased, even in the presence of venous insufficiency, since reflux is prevented.

Increased arterial flow of nutrient and oxygen rich blood into the affected region of the wound, promoting enhanced wound healing performance.

### Various garment sizes available:

<table>
<thead>
<tr>
<th>Size</th>
<th>Size Range</th>
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<tbody>
<tr>
<td>Standard</td>
<td>43 - 77cm (17 - 28 inches)</td>
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<tr>
<td>Large</td>
<td>50 - 80cm (20 - 31 inches)</td>
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<tr>
<td>Extra Large</td>
<td>60 - 90cm (24 - 35 inches)</td>
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WoundExpress™

Clinical studies have demonstrated improved healing rates and pain reduction after WoundExpress therapy was added to standard care. 3–4

Improved Healing Rates and Resource Savings via:
- Reductions in wound dressings used
- Reductions in nurse time - ‘Releasing time to care’

A cost effectiveness analysis of using WoundExpress™ showed:
- It increased the probability of healing by 58% over standard care
- It increased health related quality of life

Clinical evidence³ published from 11 wound treatment centres across the UK and Europe shows:

- **93%** Of ulcers improved within a 16 week period of WoundExpress™ treatment.
- **33%** Of patients achieved complete healing.
- **60%** Progressed towards healing with a mean surface area reduction of 56%, despite being unhealed for a mean duration of over 4 years prior to WoundExpress™ treatment.
- **94%** Of patients reported pain reduction following WoundExpress™ treatment.

Improved healing³–⁴

Pain Reduction³–⁴

Cost reduction⁵

Used for only 2 hours per day
Case Study

HISTORY – 87 year old female with 5 month history of venous leg ulcer with rapid deterioration. Unable to tolerate static compression therapy due to pain – hence she was receiving light static compression only.

Week 0 – 252 cm² (circumferential wound)

Week 6 – after addition of WoundExpress therapy - 91.3 cm²

Week 16 – after addition of WoundExpress therapy - Healed

Technical

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<tr>
<th>Technical Specifications</th>
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<tbody>
<tr>
<td><strong>Model</strong></td>
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<tr>
<td><strong>Pump Part Number</strong></td>
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<tr>
<td><strong>Garment Part Numbers</strong></td>
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<td><strong>Pressure Range</strong></td>
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References:

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.

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