Transforming Wound Therapy

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 $14.9B per year in the US; translating to approximately $20K per patient annually.²

FRUSTRATING

For patients, the pain, leaking exudate, odor 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.

<table>
<thead>
<tr>
<th>Various garment sizes available:</th>
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<tbody>
<tr>
<td>Standard</td>
</tr>
<tr>
<td>Large</td>
</tr>
<tr>
<td>Extra Large</td>
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</table>
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

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 centers 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.

"Patients suffering from venous leg ulcers have disorders of both venous and lymphatic systems. The astute clinician addresses both disorders. Ignoring the lymphatic component ignores half the problem."

Dr. Thomas Serena
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 and Treatment and Fetal and Patient Monitoring. With innovation and customer satisfaction as our guiding principles, we strive for clinical excellence and improved performance, for life.

**Technical**

<table>
<thead>
<tr>
<th>Technical Specifications</th>
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<tbody>
<tr>
<td>Model</td>
<td>WoundExpress™ Therapy Device</td>
</tr>
<tr>
<td>Pump Part Number</td>
<td>WE100P-USA</td>
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<td>Garment Part Numbers</td>
<td>Standard: WE100G, Large: WE100GL, Extra Large: WE100GLX</td>
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<tr>
<td>HCPC Codes</td>
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<tr>
<td>Pressure Range</td>
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<td>Supply Voltage</td>
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<tr>
<td>Supply Frequency</td>
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<td>Case Material</td>
<td>Fire Retardant ABS Plastic</td>
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<tr>
<td>Size</td>
<td>270 x 130 x 150 mm (10.6 x 5.1 x 5.9”)</td>
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<tr>
<td>Weight</td>
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References: