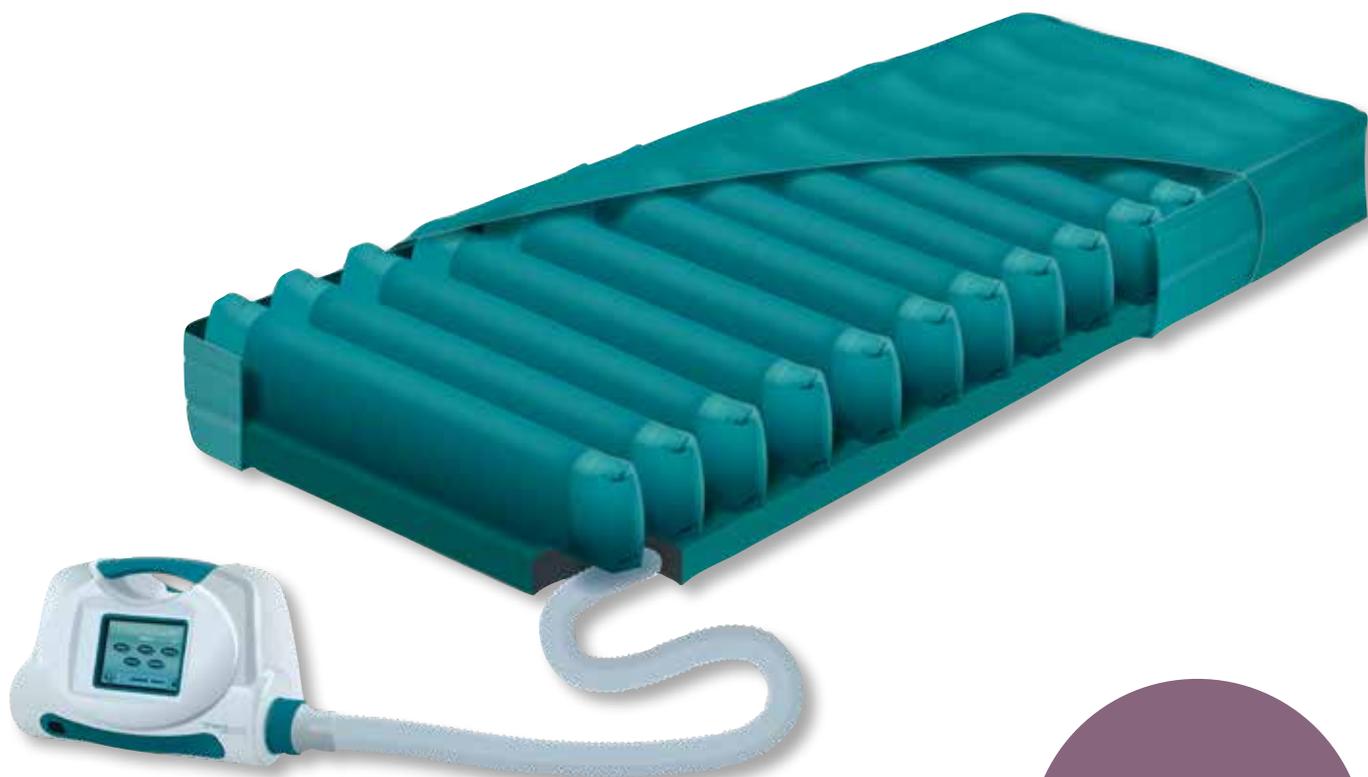


ADVANCED LOW AIR LOSS PRESSURE RELIEF

Therakair Visio®



With self
pulsatory
therapy

Protecting the skin in medium to
high risk patients

The clinical challenge: Protecting the skin in medium to high risk patients

Pressure injuries: A significant issue.

Pressure injuries present a severe challenge for healthcare professionals globally, resulting in increased morbidity and mortality, as well as compromised quality of life for many patients. Pressure injuries can also negatively impact healthcare facilities, resulting in increased caregiver workloads, higher costs and longer patient hospital stays.

The 2004 EPUAP1 pressure ulcer survey has established the following:³

18%

of patients within hospitals have a pressure ulcer

27%

of at-risk patients received no preventative care

As a result, hospitals and care providers are significantly impacted:

- Pressure injury incidence is becoming a key indicator of care
- Pressure injury development increases a patient's risk of further complications (e.g., nosocomial infections, pain, delayed healing)
- Quality of care can suffer among the patient population

The 1999 NPUAP2 pressure ulcer survey has established the following:⁴

15%

of patients within hospitals have a pressure ulcer

50%

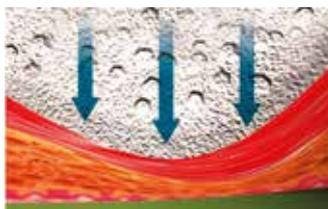
of patients with a pressure ulcer acquired it while in the hospital

4.6%

increase in overall prevalence of pressure ulcers from 1995

Clinical considerations: Risk of pressure injury development

Pressure injuries can originate from a variety of environmental factors, including:



PRESSURE

A result of immobility, applied pressure compresses the body tissue between the support surface and a patient's bony prominences.

CLINICAL ISSUE:

Occludes capillary blood flow resulting in tissue damage.

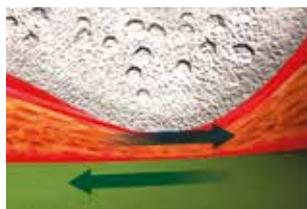


SHEAR

Skin shear occurs when opposite forces acting parallel to the skin surface cause the skin to stretch or tear from the underlying connective tissue.

CLINICAL ISSUE:

Causes capillaries to elongate, diminishing blood flow and resulting in tissue damage.



FRICITION

Friction is the resistance to motion of the external tissue sliding in a direction parallel to the support surface.

CLINICAL ISSUE:

Leads to epidermal stripping resulting in tissue damage.



MOISTURE AND TEMPERATURE

Moisture is emitted through the skin as sweat to control body temperature, but moisture must be removed to preserve skin integrity. Excessive body heat emission results in excessive moisture output.

CLINICAL ISSUE:

Weakens the skin and increases level of friction and shear resulting in tissue damage.

The solution:

Therakair Visio®

PREVENTS FRICTION AND SHEAR

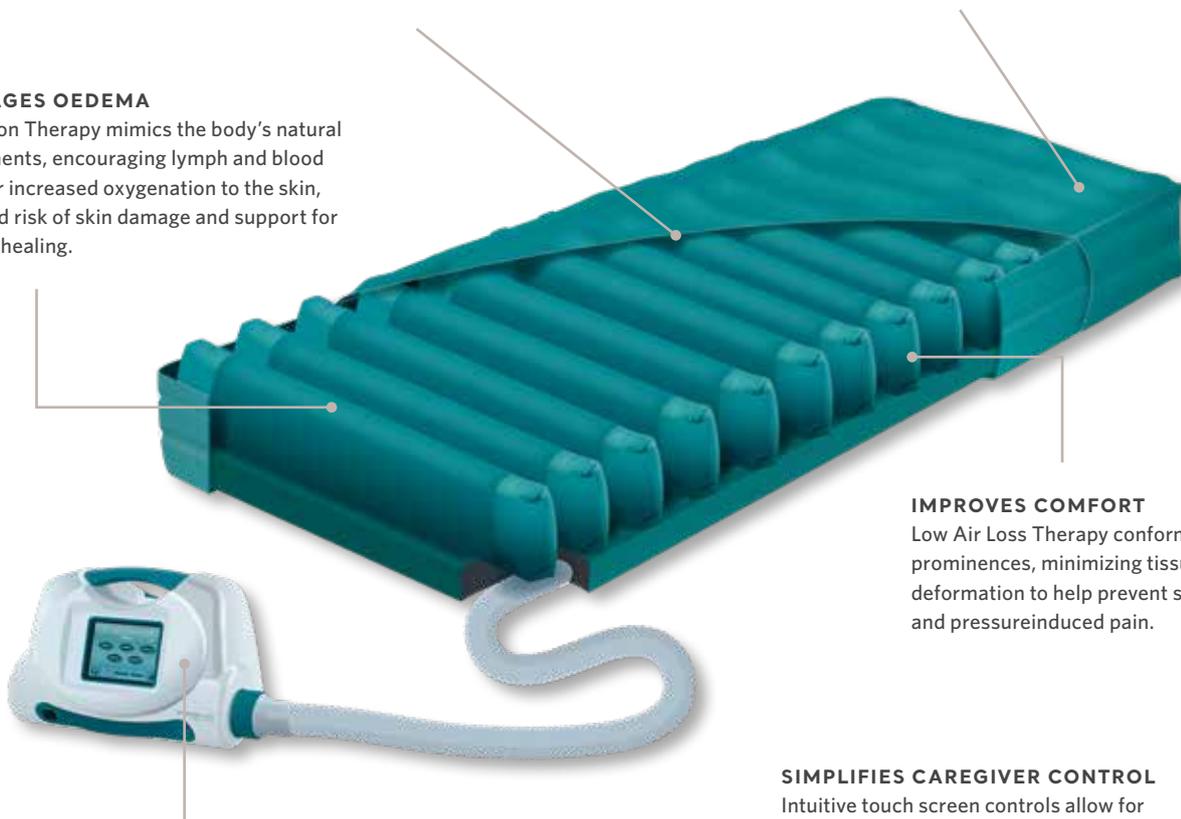
Even pressure distribution and a smooth surface reduces frictional drag and shear on the patient's skin, reducing the risk of skin damage.

CONTROLS MOISTURE AND TEMPERATURE

High Performance Medical Fabric helps maintain skin integrity by preventing maceration while maintaining a constant skin temperature, minimizing the risk of pressure injury development.

MANAGES OEDEMA

Pulsation Therapy mimics the body's natural movements, encouraging lymph and blood flow for increased oxygenation to the skin, reduced risk of skin damage and support for wound healing.



IMPROVES COMFORT

Low Air Loss Therapy conforms to bony prominences, minimizing tissue deformation to help prevent skin damage and pressure-induced pain.

SIMPLIFIES CAREGIVER CONTROL

Intuitive touch screen controls allow for easier nursing operation.

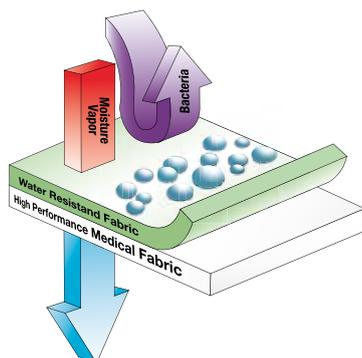
Designed to help prevent and treat pressure injuries by relieving pressure, shear and friction while managing moisture

The TheraKair Visio™ provides an ideal environment to protect and heal a patient's skin, while increasing patient comfort through Low Air Loss pressure relief, Pulsation Therapy and High Performance Medical Fabric.

High performance medical fabric: Optimized skin management

High Performance Medical Fabric allows a controlled rate of airflow over the patient's skin, removing excess moisture and maintaining a constant skin temperature, whilst preventing bacterial contamination.

- High moisture vapour transmission rate (MVTR) to prevent skin maceration
- Smooth material reduces frictional drag and shear
- Waterproof to reduce contamination of mattress
- Bacterial barrier to help prevent infection

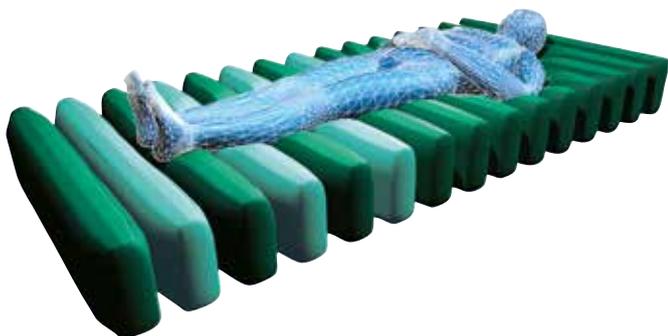


Managing oedema through pulsation therapy

Pulsating air suspension therapy automatically alternates cushion air pressures in chambers under the torso and leg causing pulsation. Running from foot to head, they emulate the body's natural intermittent movements.

Clinical benefits:

- Improves capillary blood flow
- Increases oxygenation to the wound and skin
- Stimulates lymphatic flow
- Reduces oedema
- Reduces pressure-induced pain



PRODUCT SPECIFICATIONS

Mattress weight	13.2 kg (29.1 lbs)
Therapy unit weight	6.3 kg (13.9 lbs)
Mattress dimensions	208 x 90 x 20.3 cm (81.9" x 35.4" x 7.99") 208 x 80 x 20.3 cm (81.9" x 31.5" x 7.99")
Therapy unit	41.2 x 26.4 x 21 cm (16.22" x 10.39" x 8.27")

TheraKair™ MRS units have specific indications, contraindications, safety information and instructions for use.

Please consult product labeling and instructions for use prior to use.

References

1. European Pressure Ulcer Advisory Panel
2. National Pressure Ulcer Advisory Panel (USA)
3. Vanderwee, K. MA RN, et al. Pressure Ulcer Prevalence In Europe: A Pilot Study. Journal of Evaluation in Clinical Practice. 13(2): 227-235, 2007.
4. Amlung, S. PhD, et al. The 1999 National Pressure Ulcer Prevalence Survey: A Benchmarking Approach. Advances in Skin & Wound Care. 14(6): 297-301, November/December 2001.

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At Arjo, we are committed to improving the everyday lives of people affected by reduced mobility and age-related health challenges. With products and solutions that ensure ergonomic patient handling, personal hygiene, disinfection, diagnostics, and the effective prevention of pressure injury and venous thromboembolism, we help professionals across care environments to continually raise the standard of safe and dignified care. Everything we do, we do with people in mind.

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The commitment: Improving patient outcomes

Your partner in pressure injury management

Arjo is a global medical company leading the industry with therapies that help the healing process and help reduce complications. As your partner in the prevention and treatment of pressure injuries, our goal is to help improve clinical outcomes while reducing the overall cost of care with clinical technologies, education programs and support services.

TESTIMONIAL

Dr. G.W. Cherry, DPhil (OXON)

"The unique combination of pulsation and Low Air Loss improves microcirculation and lymph flow, supporting wound healing and the prevention of pressure ulcers."