AN EFFECTIVE AID IN THE PREVENTION AND TREATMENT OF PRESSURE ULCERS
Repose has contributed to the successful treatment of more than 1 million patients.

More patients are currently treated on Repose than any other pressure redistribution mattress in the UK.

No other system has been shown to be more effective and less expensive.

Repose is an integral part of pressure ulcer prevention and treatment protocols across Europe.

Proven technology extended to a new range of products.

Designed at the University Hospital of Wales.

Repose continues to generate royalties for the NHS.

Clinically effective, cost effective, lightweight, durable and easy to use.
... why is Repose® so extensively used?

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<th>The conventional static choice</th>
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<td>• Static (non-powered) pressure reduction products typically form the first line of defence for patients at risk of developing pressure ulcers and can be gel or air-based but are mainly represented by pressure reducing foam mattresses on beds.</td>
<td>• Dynamic (powered) pressure relieving products traditionally perceived as being necessary for high risk patients and for treating those with pre-existing pressure ulcers. The NICL 2003 guidelines stress the value of relatively low-cost low technology support surfaces, while noting the lack of evidence for more sophisticated technologies such as APM and specialised beds.</td>
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Pressure relief is only half the story - Pressure redistribution is the key.....

• Pressure relief when provided by a traditional alternating pressure mattress (APM) is delivered at the expense of equivalent or higher pressures on susceptible adjacent tissue.
... why is Repose® so extensively used?

Repose is an inexpensive system with demonstrable clinical efficacy

“Repose provides a highly effective system that can be used [...] for both preventive and therapeutic purposes.” (8)

New Repose® adopts the most natural and effective method of pressure relief and redistribution by reducing the pressure exerted at the interface between the patient and the supporting surface. This is achieved by immersion, maximising the contact surface area and redistributing pressure without compromising surrounding tissue.

The Repose® solution

Prevention - Indicated for prevention of pressure ulcers at all risk levels including high risk patients

Treatment - Indicated for treatment of pressure related tissue damage with clinical supervision
... why does Repose® work so well?

Clinical benefits provided by a unique combination of 3 key design elements

The material

The specialised TPU film is highly conformable and minimises deformation of underlying tissue. The risk of ischaemia and tissue damage is greatly reduced. TPU is moisture vapour permeable reducing the risk of maceration and maintaining an optimum microclimate between the patient's skin and the contact surface. TPU stretches up to 6 times in every direction for optimum patient support and comfort. TPU provides a soft and smooth user interface minimising friction and shear forces.

The single cell design

One single air cell provides optimal pressure redistribution across the total body contact area. Repose is reactive, even small movements result in reciprocal beneficial interface pressure changes elsewhere.

Patented pump & valve technology

Patented technology automatically closes the ‘smart valve’ when the Repose internal pressure reaches the optimal setting for pressure redistribution and clinical efficacy. Exhausts excess air for maximum patient support, comfort and clinical benefit. An audible click confirms the correct pressure has been set and provides reassurance that Repose has not been over or under inflated.
... the dual-purpose Repose® pump ensures optimal performance

**Patented ‘smart valve’**
Patented ‘smart valve’ technology automatically senses the optimum internal pressure, exhausts excess air, and prevents over inflation

**Audible click**
An audible click confirms the correct pressure has been set and provides reassurance that Repose is ready to use

**Dual purpose Packaging and Pump**
This dual purpose device incorporates clear instructions for inflation, cleaning, deflation, repacking, and includes an owner identification label

**Integrated instructions for use**
Detailed instructions for use including limitations, precautions and cleaning instructions are all conveniently located on the inside of the pump

**In-built safety**
The locking button ensures that the pump does not open during storage or transportation and the Safety Grip built into the base provides a firm grip during pumping

**Transportation and Storage**
Compact and lightweight tube for low cost storage and transportation
… with benefits in a wide range of settings

For Patients
Repose is comfortable, silent, unobtrusive and an effective aid in the prevention and treatment of pressure ulcers

TVNs
A wealth of comparative and anecdotal evidence demonstrates that Repose is clinically effective, cost effective and a valuable resource in the prevention and treatment of pressure ulcers and relief of pain. \(^{(2)}\)

OT’s
Repose is simple to use with little set up and no electricity or maintenance required. Lightweight and easy to carry at home and on holiday yet effective at prevention and treatment of pressure ulcers.
Clinical Procurement
Repose has a sound history of reliable clinical performance supported by independently published evidence and is a fraction of the cost of more technically complex and bulky solutions. Suitable for all high risk patients and those with tissue damage, Repose is easy to store and set up.

Acute Trusts
Independently published data supports the use of Repose as a replacement for the bulk of dynamic pressure care mattresses currently rented in acute trusts, delivering substantial cash releasing savings whilst maintaining and improving pressure ulcer incidence and prevalence rates. (6,9)

PCT’s
Repose has demonstrated an increase in patient quality of life whilst delivering considerable cash releasing savings. Repose is typically carried by district nurses and OT’s, is durable and easy to set up and use.

Community Equipment Service Loan Stores
Repose is a completely self contained unit. It is easy to pack, store, transport and use with its dual-purpose Pump Packaging. A recent investigation demonstrated the average life of the Repose range exceeds 20 months, in which time it is recycled 4 times or more.
Repose® Mattress Overlay and Cushion  
Unparalleled combination of proven clinical efficacy and cost effectiveness

Repose® Foot Protector  
Indicated to minimise risk of pressure damage to heels

Repose® Paediatric Mattress Overlay and Repose® Babytherm  
Suitable for the majority of paediatric bed frames and Mattresses, cots and warmers, Repose provides a safe pressure relief environment for thin delicate skin.

Repose® Trolley Mattress Overlay  
Provides an essential element in seamless patient care

Repose® Wedge  
A positioning support for use with beds and seating wherever pressure relief is required
New Repose® Mattress Overlay
Retains all of the existing demonstrable clinical and cost effective benefits of original Repose with a new blue base manufactured from the same soft and supple material whilst minimising the appearance of UV light discoloration.

New Repose® Cushion
The new cushion has a new blue base manufactured from the same soft and supple material. Suitable for static chairs with arm rests. Easily secured in place with retaining strap. Also available as a mattress overlay and cushion set.

New Repose® Babynest
Indicated for use in incubators and warmers in SCBU and NICU. Incorporates developmental boundaries and provides pressure relief for delicate and friable skin. Helps muffle background noise and aids comfort.

New Repose® Refresh
A new accessory product available for loan stores. Supplied with a pre-assembled ‘peel and seal’ kit Refresh replaces stained and discoloured covers and extends the useful life of Repose mattresses and cushions. New replacement covers keep Repose in pristine condition.
New Repose® Total Care Pack

The Total Care Pack is a new convenient method of providing a selection of the Repose range of products to frequent users in a convenient and cost efficient dispenser pack.

Three different packs are available; one designed for an acute ward setting; one for community hospitals and one for nursing homes.

Each Total Care Pack is suitable for stock room standard shelving units and includes a protective outer transport sleeve which can also double as a ‘dirty bin’ when fitted with a disposable plastic liner.

The contents of each pack deliver significant savings and represent excellent value for money when compared to single unit purchases.

Refill packs are available.
Since its inception, Repose has continually evolved. *New Repose continues the tradition with further improvements and extensions to the range to aid* simplicity, improve efficacy and durability.

Repose comprises a single cell of specialised TPU film which has a number of key properties which combine to provide the most popular pressure redistribution mattress in the UK.

- **Clinically effective** – Comparable efficacy to significantly more expensive powered mattresses
- **Cost effective** – Up to 50 more patients can benefit from Repose than conventional powered mattresses
- **Durable** – Average life span equivalent to more expensive dynamic systems
- **Portable** – Lightweight, dual purpose pump packaging – easy to store and transport
- **Easy to use** – Clear instructions, quick ‘fool proof’ inflation, easy to set up ready for use
- **Comfortable** – A silent, unobtrusive system provides major positive benefits to the patient’s quality of life

... is clinically effective, cost effective, comfortable, durable and requires no maintenance.
‘A lateral solution to lateral transfer’ – Rather than move the patient from one surface to another, move them together.

A patient is likely to experience a wide variety of support surfaces throughout the journey from admission to discharge – some may provide adequate pressure redistribution but typically, most will not. In addition, the transfers between surfaces may cause pressure damage due to the friction and shear forces exerted in many lateral transfer procedures.

New Repose Companion has been developed to overcome both these issues by Frontier Medical with technical advice and support from the UK’s leading experts in the fields of healthcare ergonomics at the Healthcare Ergonomics and Patient Safety research Unit (HEPSU) at Loughborough University.

This is achieved by integrating the NHS’s most popular pressure redistribution mattress overlay into a unique transfer device. The device moves with the patient from admission to ambulation or discharge, ensuring that effective pressure relief is always available.
Clinically effective
• The patient is always protected by an effective pressure redistributing surface
• Reduces shear and friction forces associated with lateral transfer

Cost effective
• Saves time and effort during the lateral transfer process
• Avoids expenditure on transfer products such as slide sheets

Comfortable
• The top cotton-backed water resistant cover is vapour-permeable
• Companion utilises the NHS’s most popular Repose Mattress Overlay with demonstrable improvements in comfort level
• All combined to improve a patient’s sense of comfort and security throughout their journey

Lightweight
• A simple non-powered pump, lightweight mattress overlay and cover ensure that
• Repose Companion is easy to store and safe to use during transfer and transportation

... An effective aid in the prevention and treatment of pressure ulcers throughout a patient's journey
Durable and maintenance free
- The slide sheet base material is manufactured from polyurethane infused with nylon and is welded to the multi-stretch cover
- Welded seams and zips provide for added security and durability
- The absence of an electrical pump reduces clutter and negates problems of breakdown and expensive maintenance

Safe
- An in-vitro comparative study demonstrated that Repose Companion "was very successful in reducing time, effort and potential error for the users whilst giving high scores for comfort and security for the ‘patients’”
- Corner retaining straps fit securely to any support surface
- The zip has an integral cover flap for added protection against fluid ingress
- The cover can be wiped down or machine washed at 60° C

Easy to use
- Quick ‘fool proof’ inflation ensures that Repose Companion is easy to set-up ready for use
- Patented ‘smart valve’ technology inside the pump ensures the device is set to effective pressure levels

... An effective aid in the prevention and treatment of pressure ulcers throughout a patients journey
How should the products be cleaned?
Cleaning recommendations for Repose are similar to those for standard PU covered foam mattresses. Clean with soap and water and, if necessary, with a chlorine-based disinfectant (not phenol-based). The product should be dry before repackaging into the tube. Cleaning instructions are supplied with the product. Repose is reusable.

What is the fire resistance of the product?
Repose has been tested to conform with BS: 7175 Crib Test 5, (Methods of test for the ignitability of bedcovers and pillows by smouldering and flaming ignition sources)

Should the mattress overlay be covered by a sheet?
It is not necessary, however most patients find it comfortable and carers find it convenient to use a cotton sheet. If a sheet is used, it should be loosely fitted to ensure that “hammocking” does not occur

Does a patient on Repose still need to be turned?
Pressure ulcers result from a combination of factors including pressure, shear, friction, and maceration. In common with all pressure redistributing mattresses carers should follow standard protocols for turning the patient whilst on a Repose Mattress Overlay

Is Repose latex - free?
Yes. Repose is latex - free and non – allergenic

Need more information? Or a visit from us? Contact us on 1300 308 184 for further details
Indications for use
Repose products provide effective pressure redistribution for all persons at risk of developing pressure ulcers, including those assessed as very high risk. Repose is also appropriate for users with pressure related tissue damage - clinical supervision is advised where the damage is severe.

Limitations for use
Repose is not suitable for the following:
- Persons weighing in excess of 139kg
- Persons with unstable spinal fractures
- Where body shape is such that the person cannot be fully supported by the Repose mattress overlay or cushion
- The Repose mattress overlay is suitable for use on top of a bed or trolley mattress.
- Use side rails in accordance with manufacturer’s instructions and appropriate risk assessment
- The Repose cushion is intended for use on a static chair fitted with arm rests

Precautions
- If deterioration in skin condition is noted, clinical advice should be sought and, if so advised, use of the product discontinued
- Avoid direct contact with heat and sharp objects
- When deflated, keep away

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Training and Education
MacMed Healthcare provides a series of training and educational services including staff training seminars, study days and the provision of training and education support material produced by our in-house graphic design team.

Website
Regular training, educational and other news updates are available at www.macmedhealthcare.com. The website also provides the opportunity for Repose users to see the whole Repose product range, instructions for use and other information.


6. A MacFarlane & S Sayer 2003. Shared experiences of two Scottish Hospitals in evaluation and resultant implementation of Repose mattresses and heel protectors as part of their hospital protocol in the prevention of pressure ulcers. Presented at the 7th EPUAP Open meeting, Tampere.


11. National Collaborating Centre for Nursing and Supportive Care. Guideline commissioned by the National Institute for Clinical Excellence. October 2003