



...closer to the patient

Pressure Area Care
**FUSION™ Hybrid and Response
Mattress Systems**

...we help reduce avoidable harms

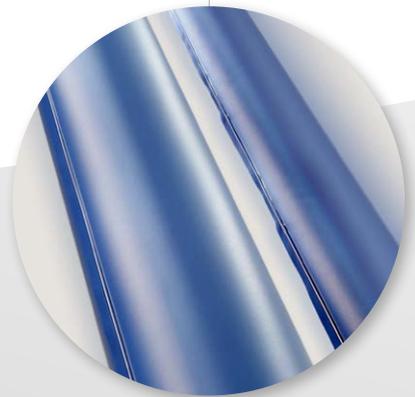


Flexible Pressure Area Care in any care setting

“ The FUSION Hybrid offers either **REACTIVE** or **ACTIVE** Therapy and allows practitioners to immediately step patients up or down in-line with their clinical needs. Eliminating delays in support surface provision increases efficiency and releases nursing time back to care.^{1, 2}

The ability to move power units between mattresses provides a cost effective solution to help optimise pressure area care budgets whilst meeting patients’ changing clinical needs.

This flexible approach to therapy selection reduces moving and handling for care providers and minimises disruption to patients.¹ ”



ZONED MATTRESS

The FUSION Hybrid support surface is designed to provide specific support to different parts of the body, with specific head, torso and heel zones. The cells in the heel zone are intentionally smaller to help protect this vulnerable area of the patient.

REACTIVE OR ACTIVE THERAPY

Every air cell contains specialist pressure redistributing foam. In the non-powered state this provides a reactive, constant low pressure support surface for basic pressure area care needs. Once connected to the power unit, the same air cells operate as an active therapy surface providing an 8 minute, 1-in-2 cell cycle which offers regular pressure redistribution for patients at an elevated risk of pressure ulcers.

When working as a reactive support surface, FUSION Hybrid offers patients a constant low pressure for basic pressure area care.

Connecting a power unit to the FUSION Hybrid provides active therapy to patients and interface pressures are reduced below 15mmHg for approximately 25% of each cycle.

FUSION HYBRID CARE SYSTEM

REACTIVE Therapy



ACTIVE Therapy



Positive product feedback

Patient feedback on the FUSION Hybrid included:

- all patients reported the Hybrid as comfortable, safe and stable with no noise.²
- 91% found it 'comfortable' or 'very comfortable' and had 'good' or 'very good' sleep quality on the system.¹

Staff feedback on the FUSION Hybrid included:

- easy to set up and use, quiet in operation and comfortable for the patient.¹
- the ability to switch from a static to an active mattress was very helpful.¹
- easy to use, safe and reliable.²



ACTIVE SEAT CUSHION

Where patients need to sit out of bed, the FUSION Hybrid power unit can be used to power an active seat cushion for 24-hour, round the clock care.

Pressure Relief Index

Interface pressure testing performed in accordance with the proposed S3i test protocol³ clearly demonstrates the difference between a reactive (constant low pressure) support surface and an active (alternating) mattress system.



**FUSION
RESPONSE**
See details on
back page



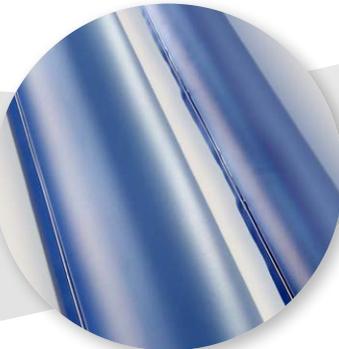
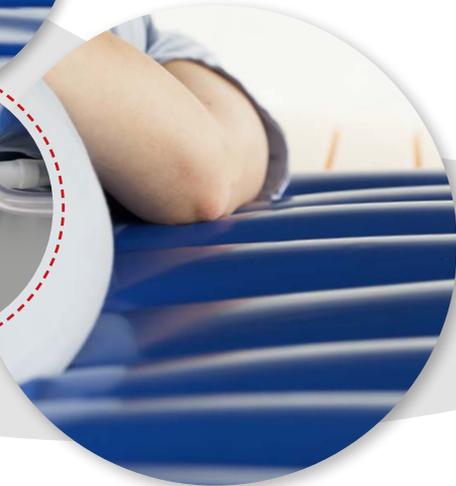
Responsive Pressure Area Care in any care setting

FUSION RESPONSE

A non-powered, foam and air hybrid mattress that *automatically responds* to the patient to provide a *reactive, constant low pressure* support surface for basic pressure area care needs.



Automatic Pressure Recovery



SPECIALIST CELL DESIGN

Every air cell contains specialist pressure redistributing foam to help support the patient and protect their pressure areas.

RESPONSIVE AIRFLOW REDISTRIBUTION

Responsive Airflow redistribution customises patient support by allowing air to flow between interconnected cells in response to patient weight, movement and position.

As patients move, the valve assisted Automatic Pressure Recovery system allows the mattress to re-inflate to normalise mattress pressures.

ZONED MATTRESS

The head, torso and heel zones are designed to provide specific support to patients and cells in the heel zone are intentionally smaller to help protect this vulnerable area of the body.

REFERENCES

1. Sims A. Understanding the use of hybrid mattress systems in an acute care setting: eliminating delays in support surface provision, improving ease of use and maintaining skin integrity. Wounds UK Conference, Harrogate 2015. Poster Presentation.
2. Haywood C. Clinical evaluation of a new hybrid mattress within a rehabilitation setting. Wounds UK Conference, Harrogate 2015. Poster Presentation.
3. Tissue Viability Society. Laboratory measurement of the interface pressures applied by active therapy support surfaces: A consensus document. J Tissue Viability. 2010 Feb;19(1):2-6.



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