

Intelligent[™] Pressure Care Management

An innovative new solution in the prevention
and treatment of pressure ulcers.



Direct Healthcare
Services

Delivering the Promise

Intelligent[™] Pressure Care Management

With increasing focus on the rising cost of treating pressure ulcers* **INTELLIGENT PRESSURE CARE MANAGEMENT** is an innovative new solution in the prevention and treatment of pressure ulcers.

Utilising the award-winning Dyna-Form[™] patient support system, the development of **INTELLIGENT PRESSURE CARE MANAGEMENT** recognises and addresses that within pressure ulcer prevention protocol, intervention at the earliest possible opportunity along with appropriate selection of support surface are key factors now more than ever.

From **Admission to Discharge to Community Care** **INTELLIGENT PRESSURE CARE MANAGEMENT** is a solution for all clinical areas and requirements. Patient risk can be minimised from the earliest point of admission and the simple 'step up/ step down' feature ensures the most responsive approach to changing care requirements. Continuity of patient care is delivered throughout the entire patient pathway with this efficient and economic solution.

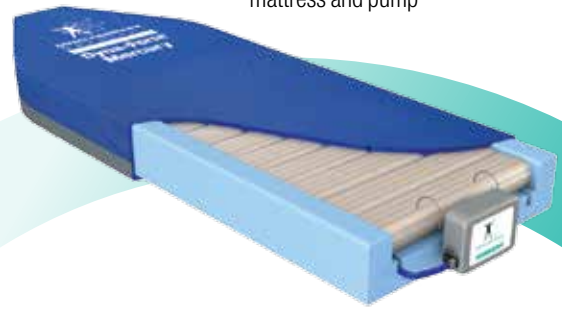
* estimated to cost between £2-3 billion in the UK each year, Drew et al (2007)

Intelligent Patient Care

A complete solution that can be deployed from the point of patient admission through to discharge and community care – ensuring the earliest possible intervention.

- Earliest intervention with Mercury Advance Trolley Mattress/ 'step up, step down' options
- Mercury Advance ward solution/ 'step up, step down' options
- Cover all clinical areas
- Improved patient experience
 - More comfort
 - Less stress
 - Less risk of infection

Mercury Advance Trolley mattress and pump



ADMISSION

The Intelligent Solution

One product that can be quickly and easily stepped up or stepped down to meet the majority of patients specific pressure care needs

Community Care, with Mercury Advance cushion and pump



DISCHARGE

Intelligent Design

Utilising the innovative and patented Dyna-Form Mercury Advance patient support system as a single solution for the majority of patient care needs.

- Mercury Advance hybrid foam air cell construction – add pump to step up care – add cushion for complete Intelligent Pressure Care Management
- Same pump for mattress and cushion
- Durable Pro-Formance™ Dartex cover
- Bariatric options available

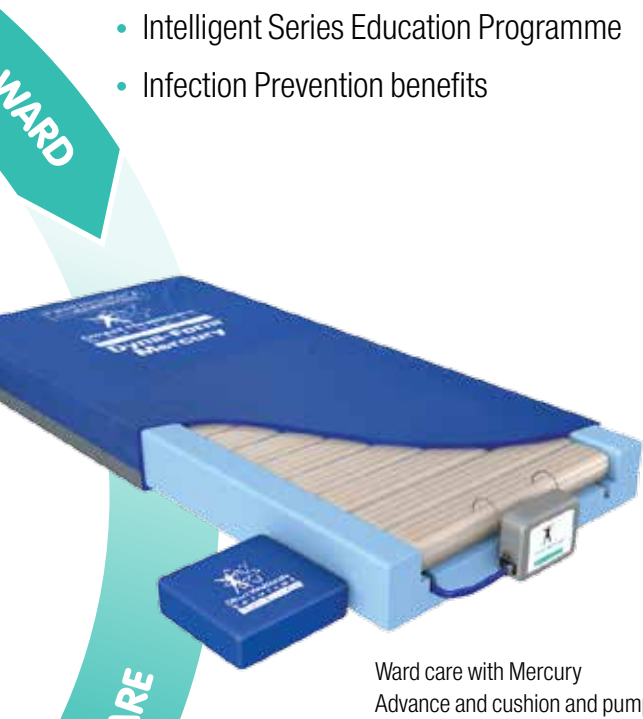
ITU with Air Suresse



Intelligent Nursing Choice

A simple, single solution that can be easily and quickly stepped up and down to meet each patient's specific care needs. Easier selection of support surface for nursing staff and more efficient care provision.

- Single option helping achieve 'No Avoidable Pressure Ulcers' targets
- More time efficient:
 - Speed of Set Up
 - Simple to operate
 - Less moving and handling
- Intelligent Series Education Programme
- Infection Prevention benefits



Ward care with Mercury Advance and cushion and pump

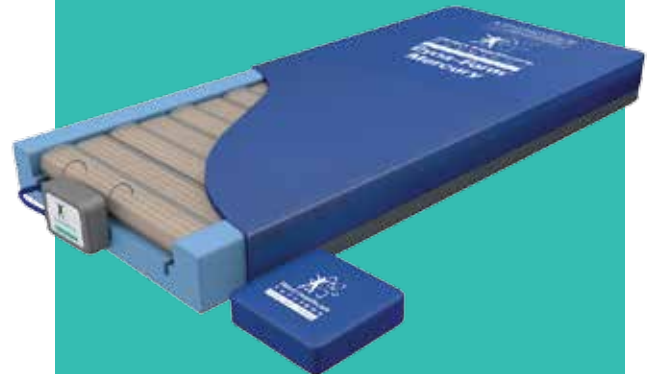
Intelligent Financial Solution

Guaranteed cost savings over a traditional dynamic mattress approach to both acute and community care. Financial solutions to fit all budget requirements.

- Staff Cost Savings
- Decontamination Cost Savings
- Moving & Handling Cost Savings
- Logistical Cost Savings

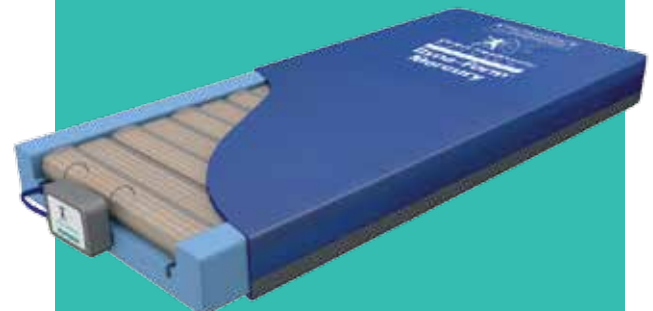
Intelligent Step Up Step Down Solution to cover the majority of clinical needs

Step up/down as required



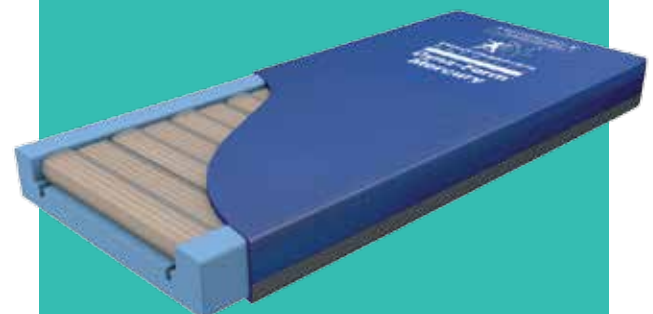
Complete "Advance"

Step Up ↑ Step Down ↓



⊕ Pump for Dynamic Mode

Step Up ↑ Step Down ↓



Advance base with Foam Cell inserts

All beds in the unit

Clinical Case

It is widely accepted that pressure ulcer prevention is better than cure. Early intervention with proven, clinically effective equipment is absolutely vital as it can take only minutes for an at risk patient to develop a pressure ulcer (EPUAP, 2009). Pressure ulcers occur in all age groups and across all care settings (Fletcher J, 2012).

Intelligent Pressure Care Management addresses these issues through rapid intervention with a higher grade support surface at the point of patient admission. Delivered through the Mercury Advance trolley mattress and Mercury Advance bed mattress continuity of care at any point in the patient pathway is ensured with A&E, X-ray, Endoscopy and Operating Room surfaces available. Focus on these previously neglected 'hot spots' as well as the ward setting, supports the earliest intervention, which in turn reduces incidence in receiving units (Newton H, 2010 & Guy H, 2012).

Rapid stepping up and down of mattress performance ensures the most responsive, effective treatment of pressure ulcers. The simple addition of a pump to the base unit provides the ability to step up any bed in any location within seconds without additional moving of the patient or downtime awaiting a mattress replacement. Minimised moving and handling of the patient reduces risk of both patient trauma and nurse injury. This feature allows use of the product in all care settings.

Mercury Advance is clinically proven in use for high risk patients and has been effectively used in the treatment of Stage 4 pressure ulcers. The benefits of increased comfort for the patient include higher patient compliance resulting in improved healing rates as well as reducing incidence.

Fletcher J, (2012) Device related pressure ulcers made easy. Wounds UK 8(2).

Guy H, (2012) Recognising Pressure Ulcer Risk Factors. Wounds Essentials Vol 1 p49 – 52

Mason S, (2012) Dyna-Form Mercury Advance: A Revolutionary Step-Up/Step-Down Approach.*

Newton H, (2010) Reducing pressure ulcer incidence: CQUIN Payment Framework in practice. Wounds UK Vol 6. No 3 p38 – 46

NPUAP/EPUAP (2009) Pressure Ulcer prevention & treatment guidelines. EPUAP Oxford.

Rafter L Prof. (2011) Evaluation of Clinical Outcomes: Pressure Ulcer Prevention Mattresses. British Journal of Nursing (Tissue viability supplement), Vol. 20.

Please visit www.directhealthcareservices.co.uk/intelligent for further clinical supporting papers

Economic Case

Pressure Ulceration is regarded as the most expensive chronic wound in the healthcare system (Posnett & Franks 2008).

Intelligent Pressure Care Management delivers major cost reductions by preventing the escalation of pressure damage at the point of patient admission.

The single choice of support surface for 98% of care needs and rapid ability to step-up treatment reduces the number of bed days where expensive rental or purchased products are presently required, also reducing risk of secondary infection and associated costs.

The Mercury Advance support surface can be cleaned in the unit in the same way as a standard foam mattress, greatly reducing the decontamination costs of traditional dynamic mattresses.

In addition reduction in logistics, storage, moving and handling and nursing time costs are delivered through the simple and effective step-up/step-down ability of the system.

Product cost savings offer the ability to extend the coverage of high-risk support surfaces across any care setting, further reinforcing prevention as the focus of Intelligent Pressure Care Management and its innovative and cost effective approach in the treatment of pressure ulcers; generating a like for like saving of 40% (Ratcliff, 2012).

Posnett & Franks, (2008) The burden of chronic wounds in the UK. Nursing Times, 104(3):44-45.

Ratcliff C, (2012) Evaluation of the Mercury Advance Mattress: Clinical & Cost effectiveness of Use.*

Please visit www.directhealthcareservices.co.uk/intelligent for further economic supporting papers

Intelligent[™] Pressure Care Management

With over 28 years experience in the provision of clinically proven, value for money solutions, you can be sure that our combination of innovative technologies, designed in partnership with leading clinical healthcare establishments, meet the needs of most patient groups, including our increasingly elderly population.

Our specialist teams are dedicated to serving your needs by continually striving to provide excellent customer support through a personalised one-on-one service. Whether you need a full hospital installation or a single item, you can be sure that by putting your trust in us - we will 'Deliver the Promise'



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All products manufactured to standards:

