

Sharing best practice with INTEGRITY® Mattress Replacement System

LEAD CONTACT: **Diane Hargrove**
Sales and Marketing Director
Units 1-2, Integrity House, Graphite Way
Hadfield, Glossop SK13 1QH
Telephone: 07807 043735
Email: diane@sumed.co.uk

LEAD AUTHOR: **Sylvia Purcell**
Hotel Services Supervisor
Cuerden Hall, Cuerden Hall Care Centre
Shady Lane PR5 6AZ
Telephone: 01772 627374
Email: sylvia.purcell@sue Rydercare.org

Sue Ryder is a national charity providing health and social care services in local communities. Sue Ryder offers local communities every year:

- 3 million hours of care
- Over 100,000 days of long-term residential care
- More than 9,000 volunteers
- One of the largest specialist palliative care providers in the UK



Sue Ryder provides compassionate care services to people with long-term and end of life needs. We do this in hospices, residential care centres, in the community and in people's homes. Supporting families, friends and carers.

Sue Ryder's Cuerden Hall offers long-term nursing care for people living with neurological conditions including Huntington's Disease, Parkinson's Disease, Brain Injury, Multiple Sclerosis and Stroke. It is located in 11 acres of parkland, in Bamber Bridge - just 15 minutes from both Preston and Chorley in Lancashire.

Method

At Cuerden Hall, which has 36 beds, approximately half the patients are managed on dynamic mattresses from a number of leading manufacturers.

We undertook a single patient based evaluation within a new dynamic mattress reviewing



skin integrity, patient comfort and satisfaction and nursing team feedback. The patient had presented with reddened pressure area damage over bony prominences.

Sue Ryder is always keen

to evaluate new equipment where it may offer patient benefits at affordable prices. Working with Leycare, Sue Ryder Cuerden Hall were keen to evaluate a new dynamic mattress INTEGRITY® manufactured by Sumed® International (UK) Ltd. Leycare had described Integrity® as having similar levels of performance as Nimbus 3 but at a greatly reduced price.

Sumed's INTEGRITY® mattress is described as offering Pressure Relief Indices similar to market leading products, having small cells which give excellent patient comfort, immersion and pressure relief, adaptability to all kinds of patients,

crystal clear controls, comprehensive safety measures, unique modes for stepping down, a compact, convenient and ultra-quiet pump, simple servicing and comprehensive support - at a cost-effective price.

Having had the INTEGRITY® mattress for some six months, I am now in a position to provide findings based on considerable experience:

Results and discussion

Pump noise - When the INTEGRITY® mattress was set up the immediate reaction was that the pump was incredibly quiet. It was very easy to set up due to the simplicity of the controls.



Ease of use

There may be times when a dynamic mattress is needed quite urgently, this mattress is quick to inflate and deflate, easy to move from one location to another, is compatible with different makes of profiling beds, although sometimes we have put in 'squabs' to comply with our own policy and procedures with regard to entrapment, however Leycare's second to none customer service has accommodated these requirements.

Once inflated, the easy to use display screen on the motor makes for easy adjustment and the various settings that can be personalised to meet need and comfort. The motor is almost silent when running although the brackets to hang it on the end of the bed could be a little wider as some bed ends are wider than others.

Value for money/budget constraints

As with most things these days, budget constraints are high on the agenda, the INTEGRITY® mattress gives very good value for money.

To date the feedback from both staff and service users has been very good and with the two year warranty, it gives peace of mind to myself and maintenance staff!

Pressure relieving properties

The evaluation involved one female patient aged 40 who had presented with a reddened pressure point area; it was thought from using a conventional foam mattress. The INTEGRITY® mattress was put in place and situation monitored. The area cleared and pressure damage to the skin averted.

Throughout the period of observation the skin was assessed on a regular basis in line with Sue Ryder guidelines.

Conclusion

The patient was very satisfied and is still using the INTEGRITY® mattress.

Sue Ryder has subsequently purchased a number of units.



"Sue Ryder is always keen to evaluate new equipment where it may offer patient benefits at affordable prices."