



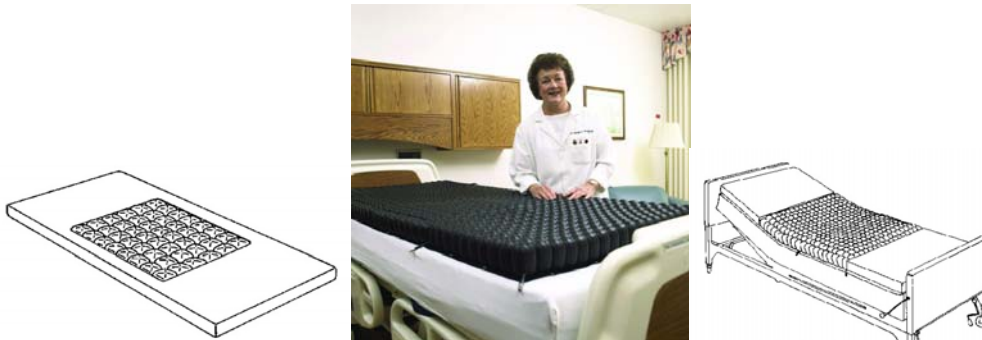
## July 2011 Newsletter

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### ROHO® Mattress Products

The ROHO DRY FLOATATION™ mattress system is made from the same black neoprene cells used in the ROHO Mid Profile cushions. It has a 75mm high cell and comes in four sections. The DRY FLOATATION mattress system offers a therapeutic support surface for those at high risk or with existing pressure ulcers.



*The ROHO DRY FLOATATION Mattress (centre) with foam leveling pad  
On left or foam inserts on right*

Working on the principle of deep immersion, envelopment and displacement of fluid (in this case air) the DRY FLOATATION mattress system maximizes the surface area of tissue in contact with the support surface, reducing peak pressures. As far back as 1989 studies showed that the ROHO DRY FLOATATION mattress system increased blood flow by a base rate of 4 times over a standard hospital mattress (ref. Mary Anne Jacobs – Comparison of blood flow using a regular hospital bed, ROHO mattress and Mediscus® Bed).

The DRY FLOATATION Mattress offers significant advantages, including prevention and treatment of high risk clients, non powered, portable, able to do CPR without the need to deflate, **no weight limit**, extremely comfortable, flame retardant and zoned so that adjustment can be made for heels, pelvis, shoulders and head. **Bariatric sized systems are also available.**

Because of the design of the ROHO cells the ROHO range of products offer a low shear solution. This is extremely important. In 1998 Fontaine published a study stating that “Shear may be 10 times more destructive to tissue than pressure.” Shear changes the vascular bed while tearing at tissue. The ROHO cell design allows for the product to conform instead of making the tissue conform.



*The design of the ROHO cell conforms to the shape. Shear in a bed with bed head raised (left), image of cells compensating to reduce shear (middle), and how the cells move (right)*

The SOFFLEX® mattress system from ROHO offers a cheaper solution but still offers a support surface for high risk clients. SOFFLEX is made from flame retardant polyurethane but has a bigger cell size than the neoprene mattress.

Using the same principles as the neoprene mattress the SOFFLEX is non-powered, multi-zoned, and air-adjustable. The SOFFLEX Mattress Overlay provides a solution for those clients who are at moderate to high risk of developing pressure ulcers and/or tissue injury or for clients who already have any stage pressure ulcer, skin graft or who have had myocutaneous flap surgery.

The SOFFLEX system conforms to the client's body shape and size, providing a total contact environment ideal for facilitating wound healing. The SOFFLEX has a weight limit of 136kg (300 lbs).



*The SOFFLEX mattress overlay (left) and Prodigy mattress overlay (Right)*

The PRODIGY® is the entry level ROHO mattress product. The PRODIGY is perhaps the only zoned mattress system in its class (RRP \$570) so that it can be adjusted for the heels, pelvis and shoulders/head. Made from DEHP free Polyvinyl and interconnected air cells the PRODIGY is ideal for prevention of pressure ulcers.

The full enclosure cover for the above mattress systems makes the support surface easy to manage. While ROHO sections are easy to clean and disinfect, the full enclosure cover makes it easier to protect clients and manage incontinence.

It also minimizes the tendency for people to adjust the air too often. Once set up the ROHO mattress product should not need to be adjusted often. As long as a quick hand check is done to ensure there is air there is no need to adjust the air.



The ROHO full enclosure cover left and fitted to bed right. Fits DRY FLOATATION Mattress SOFFLEX Mattress and PRODIGY Mattress systems

Whether for home, nursing home, private hospital or public hospital the ROHO mattress range provides a cost efficient high performance support surface.

The ROHO DRY FLOATATION Mattress can be purchased as individual sections or a complete system.

### End of Financial Year

The 2010/2011 financial year has presented its fair share of challenges. The loss of Nick Morozoff in April this year was a huge blow to all of us here at SDL. The economic uncertainty continues to keep the market on its toes.

But we are pleased to see that this has been SDL's most successful year to date. ROHO continues to grow through great clinical results. The introduction of the HYBRID ELITE™ CUSHION has been very well received with many therapists and end users loving the comfort, pressure care characteristics, pelvic positioning, transfer characteristics, ease of prescription and design of this product.

TiLite® has had an outstanding year. The launch of the Aero Z series 2, ZRA series 2 and ZR series 2, new offering of transport tie-downs and continued commitment to offering the best designs in the best materials has ensured TiLite remains one step ahead of other brands.



*Hybrid Elite (left), FreeWheel (middle), Heelift cut away view (right)*

Being able to offer the FreeWheel® in Australia has also been of great satisfaction. This unique product has opened up areas that were previously inaccessible for many wheelchair users.

Bodypoint® continues to innovate with product designs specifically made for the rehab industry. The new push button latch and rehab latch ensure there is a functional solution for end users, carers and therapists.

This year has also seen our sales of Heelift® suspension booties grow. This growth again comes from continued success stories.

As we look to the next financial year it is with a sense of excitement knowing that there are new solutions in the pipeline.

We want to extend our thanks to all for continued commitment to improving the lives of all who require assistive technology equipment.

## Angela Rankin

As of the 8<sup>th</sup> July Angela is off on maternity leave. Angela has been a tremendous resource for SDL and for the Victoria, South Australia and Tasmania region and will be greatly missed while off on leave.



*Felix, at age 10 months, demonstrates how to sit in it, not on it!*

Angela and Sean have one son already, Felix, featured in some of our education programs. He is excited and madly hoping he will have a baby sister. Whether it is a boy or a girl we are sure Felix will be a great big brother.

We are all wishing Angela and Sean and Felix all the very best and look forward to seeing the baby photos!

## Contact Us

Check out our website for updates and information [www.seatingdynamics.com.au](http://www.seatingdynamics.com.au)

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