

INVACARE®
GLISSANDO™
GLIDING MATTRESS



The **Invacare® Glissando™ Gliding Mattress** is designed to help prevent friction and shear that can contribute to pressure ulcer development, while providing comfort for the resident.

Why are Friction and Shear important when selecting a therapeutic support surface?

Shear is a primary contributing factor in the development of pressure ulcers, but is sometimes overlooked because the damage is often undetectable from the outside. However, shear can contribute to the development of pressure ulcers as well as make the skin tissue more vulnerable to the forces of direct pressure. For this reason, a mattress's ability to redistribute pressure is only part of its role in ulcer prevention. A clinically effective mattress should also be used to reduce the effects of shear on skin tissue.

How does the Invacare Glissando gliding mattress minimize these forces?

The patented design allows the mattress to conform simultaneously to the resident and the bed frame, optimizing the features of an articulating bed. When the bed is articulated, the top surface retains its properties for effectively supporting the resident, while the base of the mattress separately conforms to the bed frame. This unique design reduces unwanted resident movement, reducing potential for tissue damage resulting from friction and shearing.

Demonstrated efficacy in an independent clinical study

Qualitative Study on the Effectiveness of the Invacare Glissando gliding mattress on Aged Patients with Pressure Ulcers

Purpose

The study was to evaluate the effectiveness of a non-powered Invacare Glissando gliding mattress system among long-term care facility residents with pressure ulcers.

Results

- > 75% of residents on the Invacare Glissando gliding mattress healed**
- > 25% of residents on the Invacare Glissando gliding mattress improved by 60%**
- > 50% of the residents on the Invacare Glissando gliding mattress healed within 4 weeks**
- > 50% of residents on regular foam mattresses got worse**

Method

The study group consisted of 8 residents that were divided into two groups of four, creating a study group and a control group with up to Stage IV pressure ulcers. All participants had pressure ulcers in different locations of the body. A wound care nurse performed an initial wound assessment and measured/observed all subjects every week and recorded the results. The study group used the Invacare Glissando gliding mattress SRS2080. The control group used a non-powered pressure reducing foam mattress. The testing period was 8 weeks.

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Presented at the Burn and Wound Care Symposium, February 18, 2008

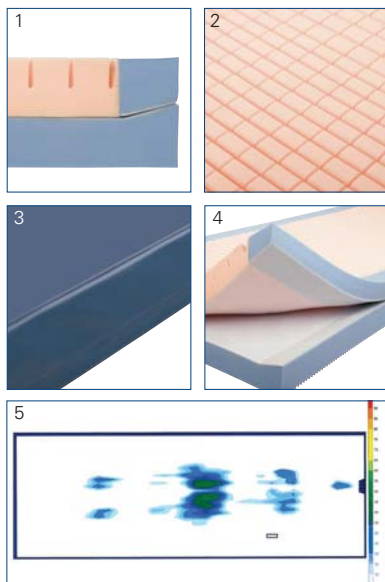
Features

Built-in support provides effective sidewall support, facilitating resident transfer

Castellations break surface tension optimizing pressure reduction

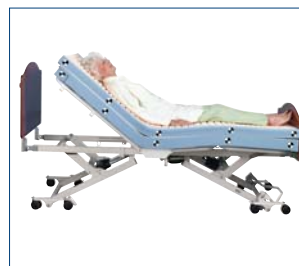
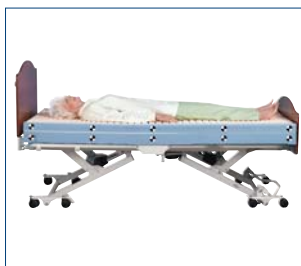
Premium water resistant cover with welded seams and flap conceal the zipper to help prevent contamination of the foam

Two-part construction with a patented "gliding" layer enable top and bottom sections to move independently as mattress is articulated



1. Built-in side support
2. Castellated cut foam
3. Four-way stretch waterproof polyurethane premium cover
4. Two layers of high density foam
5. Test shows subject in supine position demonstrating contact measurement between key pressure points using FSA pressure mapping technology. Subject: Female, 5'5½", 135 lb.

As seen in this photograph of the Invacare Glissando gliding mattress with its cover removed, the upper foam section of the mattress moves independent of the lower stationary foam section, minimizing skin shear which can contribute to pressure ulcers.



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Model #	Dimensions	Weight Capacity	Regulation Compliance	Limited Warranty
SRS2076	76"L 36"W	500 lb.	N/A	8 Years Foam 4 Years Cover
SRS2080/ SRS2080RSR	80"L 36" W 3" Raised Side Rails	500 lb.	N/A	8 Years Foam 4 Years Cover
SRS2084	84"L 36"W	500 lb.	N/A	8 Years Foam 4 Years Cover
SRS2080W39/ SRS2080W39RSR	80"L 39"W 3" Raised Side Rails	500 lb.	N/A	8 Years Foam 4 Years Cover
SRS2080W42 SRS2080W42RSR	80"L 42"W 3" Raised Side Rails	550 lb.	N/A	8 Years Foam 4 Years Cover
SRS2084W39	84"L 39"W	550 lb.	N/A	8 Years Foam 4 Years Cover