

Helping to drive better outcomes, together

Evaluating the safety and performance of a powered gel-support surface system in effectively reducing HAPUs/HAPIs in the acute care setting as part of a bundle of care

Hospital-acquired pressure ulcers (HAPUs), also known as pressure injuries, are a major burden for patients and caregivers as they can increase discomfort, length of stay, cost, morbidity and mortality. A comprehensive bundle of care helps prevent and treat pressure ulcers. This bundle of care includes the support surface the patient is placed on for the duration of their hospital stay. A retrospective survey-based study was conducted to determine the impact of the IsoTour® Gel Support Surface System, when implemented as part of a bundle of care, in assisting in the treatment and prevention of pressure ulcers.

313 patient surveys completed

Each year, **2.5 million patients** are diagnosed with pressure injuries each year in the United States.¹

9 countries included

The incidence rate of pressure ulcers range from **7.8% to 54%** worldwide²

26.14 days average length of stay

The average hospital length of stay (LOS) in the U.S. was **6 days** in 2022³



95.8%

of patients (n = 313) **did not develop** a new pressure injury on IsoTour²



69%

of patients with an existing Stage 3+ pressure injury (n=122) saw a **reduction in severity on IsoTour²**



98%

of healthcare providers indicated the usability of the IsoTour system as 'acceptable' or better²

Pressure ulcer prevention and treatment

IsoTour is primarily composed of gel structures that help redistribute pressure by buckling and absorbing the patient's weight. The tall hexagonal design, in addition to the elective low air loss pump, promotes air flow up through the mattress directly beneath the patient.



*Including but not limited to the listed interventions.

References: 1. Internet Citation: Preventing Pressure Ulcers in Hospitals. Content last reviewed February 2024. Agency for Healthcare Research and Quality, Rockville, MD. <https://www.ahrq.gov/patient-safety/settings/hospital/resource/pressureulcer/tool/index.html> 2. Shi et al., 2021: <https://view.stryker.com/viewer/66a01c29e5729f2285f78958> 3. Length of hospital stay, Organisation for Economic Co-operation and Development, Accessed 2024.

This information is intended solely for the use of healthcare professionals. A healthcare professional must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. We do not dispense medical advice and recommend that healthcare professionals be trained in the use of any particular product before using the product. The information presented is intended to demonstrate the breadth of Stryker product offerings. A healthcare professional must always refer to the package insert, product label and or instructions for use. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your representative if you have questions about the availability of Stryker's products in your area. Stryker or its affiliated entities own, use, or have applied for the following trademarks or service marks: IsoTour and Stryker. The absence of a product, feature, or service name, or logo from this list does not constitute a waiver of Stryker's trademark or other intellectual property rights concerning that name or logo. All other trademarks are trademarks of their respective owners or holders.



Scan here to read the
full clinical summary