



ELEVATE YOUR STANDARD OF CARE

Reduce Patient Handling Injuries with Solutions Designed for Caregivers and Their Patients

PATIENT HANDLING INJURIES BURDEN THE HEALTHCARE INDUSTRY



The financial impact of work-related injuries is significant. **Direct and indirect costs associated with back injuries alone, in the healthcare industry, are \$20 billion annually nationwide¹**



Hospitals represent one of the most hazardous work environments in the US. On average, there are **5.7 work-related injuries per 100 FTE's — twice the rate for private industry as a whole²**



Nurses, on average, lift **1.8 tons per 8 hour shift³**



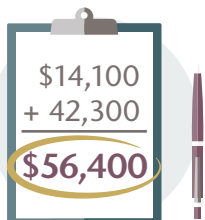
Overexertion/bodily reaction is the most prevalent event resulting in days away from work⁴



8 out of 10 Nurses work with Musculoskeletal Pain⁵



The average cost to replace a nurse is **\$27K – \$103K⁶**



Patient handling claims have the **highest average cost** of all workers' compensation causes of loss at **\$14,100 per claim⁷**

Additionally, indirect costs are **3 times the direct cost of a claim⁸**

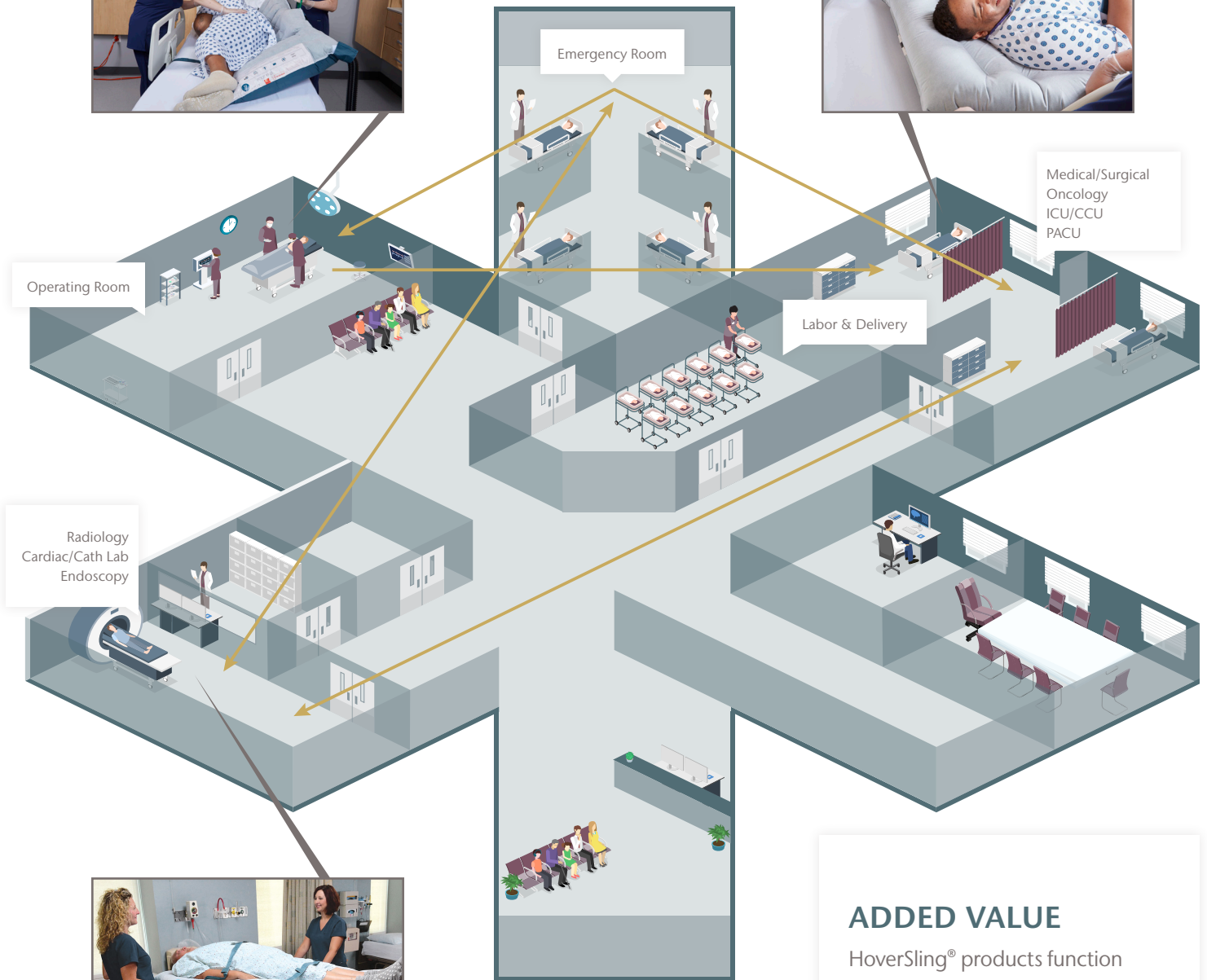
ONE PRODUCT. MANY USES.

The breathable HoverMatt® Single-Patient Use (SPU) Air Transfer System makes patient transfers, boosting, positioning and proning easier, while protecting caregiver safety. A cushion of air beneath the inflated HoverMatt SPU reduces the force required to move a patient by 80-90%, enabling caregivers to safely transfer patients without lifting or straining.

TURN/PRONE



BOOST/POSITION



TRANSFER

ADDED VALUE

HoverSling® products function as both a HoverMatt SPU and sling to further streamline patient handling tasks with additional benefits of vertical lifting.

HOVERTECH CAN HELP

Use of the HoverMatt can significantly improve safety, satisfaction, and workplace productivity.



CAREGIVER SAFETY

- **The use of the HoverMatt, in conjunction with an effective Safe Patient Handling and Mobility (SPHM) program** has been shown to reduce caregiver injuries resulting from patient handling:
 - **73%** injury reduction⁹
 - **94%** lost/restricted work day reduction⁹
 - **98%** direct medical and indirect cost reduction⁹



CAREGIVER PRODUCTIVITY AND SATISFACTION

- **Only 2 caregivers are needed to laterally transfer a patient with the HoverMatt** compared to 4 caregivers with a traditional sheet transfer.¹⁰ (based on 200-lb patient)
- **HoverMatt stays under the patient¹¹ for all-day care** which simplifies the decision-making process for caregivers



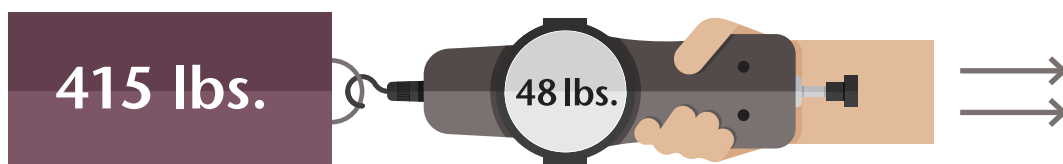
PATIENT SAFETY AND SATISFACTION

- Uphold the efforts for pressure injury prevention¹¹
 - **Manages** microclimate properties
 - **Redistributes** pressure under bony prominences
 - **Reduces** friction and shear
- **Preserves patient dignity** and cradles them while moving them in a stable position

HERE'S THE EVIDENCE

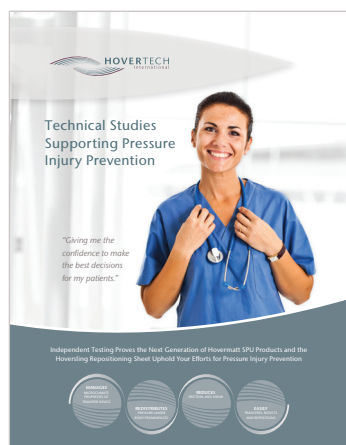
Results of implementing the HoverMatt as part of an effective safe patient handling and mobility program.

Institution Name	Reduction in Caregiver Injuries	Reduction in Lost & Restricted Work Days	Reduction in Cost of Injuries
UVA Culpeper Hospital CS#05-1016	90%	91%	98%
Rome Memorial Hospital CS#04-1214	78%	100%	100%
Moffitt Cancer Center CS#01-0213	50%	92%	96%



LAB STUDY REPORT

Force gauge evaluations validate that the HoverMatt **reduces the force needed to move a patient by 80–90%**.^{12,13}



PRESSURE INJURY PREVENTION LAB STUDY

Technical Studies using the latest industry recognized standards created and approved by the National Pressure Injury Advisory Panel (NPIAP) Support Surface Standards Initiative (S3I).

- Heat and Water Vapor (Body Analog Method)
- Immersion and Envelopment
- Moisture Vapor Transmission Rate (MVTR)
- Sliding Resistance (Friction and Shear)

THE LEADERS IN SAFE PATIENT HANDLING

Extensive offering of air-assisted device solutions for a broad range of patient handling needs.

HOVERMATT® AIR TRANSFER SYSTEM



HOVERMATT[®]
SPU



HOVERMATT[®]
SPU Link



HOVERMATT[®]
Half-Matt



HOVERMATT[®]
SPU Split-Leg



HOVERMATT[®]

HOVERSLING®



HOVERSLING[®]
Repositioning Sheet



HOVERSLING[®]
Split-Leg

HOVERJACK®



HOVERJACK[®]



HOVERJACK[®]
Evacuation

Q2ROLLER® LATERAL TURNING DEVICE



Q2ROLLER[®]



WANT TO LEARN MORE?

Scan the QR Code to visit our website

1. <https://www.osha.gov/SLTC/healthcarefacilities/safepatienthandling.html>. Accessed Nov 7, 2019 2. Bureau of Labor Statistics. Industry Injury and Illness Data; Summary Table 2017. 3. DuBose J et al. December 11, 2006. <https://www.americannursestoday.com/taking-the-pain-out-of-patient-handling/#>. 4. M.A. Dressner et al., "Occupational injuries and illnesses among registered nurses," Monthly Labor Review, U.S. Bureau of Labor Statistics, November 2018, <https://doi.org/10.21916/mlr.2018.27>. 5. American Nurses Association. 2011 Health and Safety Survey Report. Published August, 2011. 6. Li, Y., and C.B. Jones. A literature review of nursing turnover costs. Journal of Nursing Management. 2012;21(3):405-418. (Dollar amounts presented in the text are in 2013 dollars. This is the range of the values presented in the studies calculated in 2013 dollars using the medical care portion of the consumer price index.). 7. AON. Health Care Workers Compensation Barometer Actuarial Analysis, November 2018. 8. Association of Occupational Health Professionals in Healthcare. Beyond Getting Started: A Resource Guide for Implementing a Safe Patient Handling Program in the Acute Care Setting, Summer 2011. 9. HoverTech case studies. 10. Internal calculation based on Nelson AL, "Patient Care Ergonomics Resource Guide: Safe Patient Handling and Movement," 2003 and Waters TR, "When Is It Safe to Manually Lift a Patient?" AJN August 2007 Vol. 107, No. 8. 11. Technical Studies Supporting Pressure Injury Prevention, BRO_PIP. 12. Meittunen, E., McCormack, H., Sobczak, S. Evaluation of patient transfer tasks using multiple data sources. Journal of Healthcare Safety, Compliance and Infection Control Vol. 4, Number 1, Jan 2000. 13. Internal data on file.