



Elevate your standard of care

Reduce patient handling injuries with solutions designed for both caregiver and patient

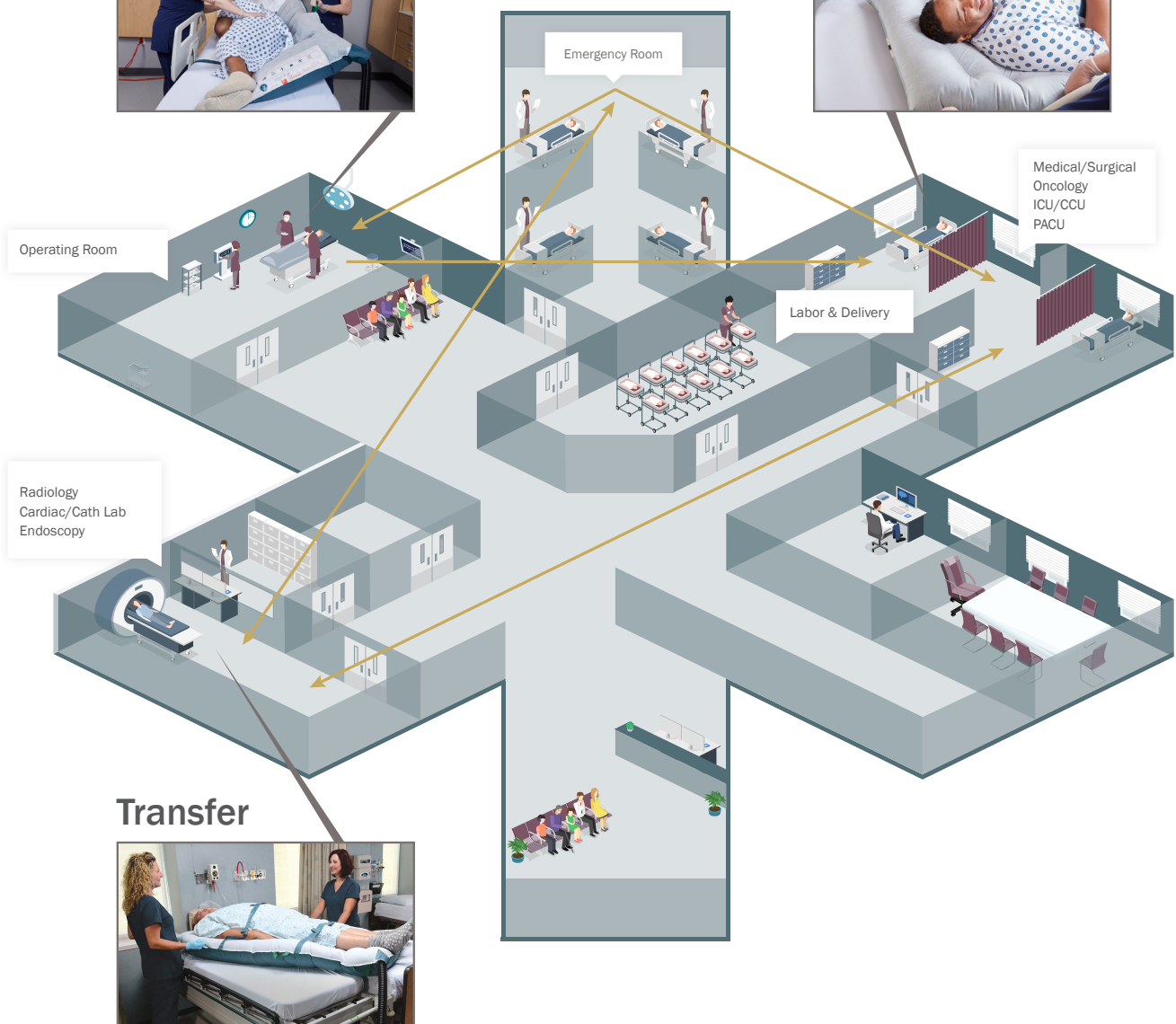
One product - many uses

The breathable HoverMatt® Single-Patient Use (SPU) Air Transfer System makes patient transfers, boosting and positioning 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

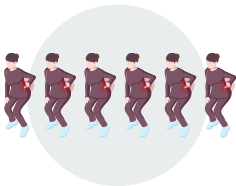




Patient handling injuries burden the healthcare industry



50% of patients with suspected hip fracture transferred with HoverMatt experienced “No pain”.¹



Injuries among nurses and nurses aides occur at six times the rate of other groups within the field of healthcare.²



Nurses, on average, lift an elephant per 8 hour shift.³



A friction-reducing device reduced effort significantly, by 25% for the spine and 33% for the shoulders.⁴



A prospective study – including more than 5.000 healthcare workers – showed that consistent use of assistive devices is associated with a 40-50% reduced risk of back injury among female healthcare workers.²



Lateral transfers are the most frequent cause of back and shoulder musculoskeletal disorders (MSDs) in general nursing practice.⁵



A total of 25 studies met the inclusion criteria. The best post-intervention outcomes of assistive devices deployment in the healthcare setting included a reduction in WMSD incidence by 59.8%, missed workdays by 90.0% and workers’ compensation claims by 95.0%.⁶

HoverTech products 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 90 kg 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

Cradles the patient while moving them in a stable position to preserve dignity and provide comfort

Evidence-based facts

Results of implementing the HoverMatt as part of an enhanced safe patient handling and mobility program in 3 different hospitals in the US.

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%.^{10,11}



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)



Read or download the folder

Products for safe patient handling

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



HoverMatt
SPU



HoverMatt
SPU Link



HoverMatt
Half-Matt



HoverMatt
SPU Split-Leg



HoverMatt
Reusable



HoverSling
Repositioning Sheet



HoverSling
Split-Leg



Q2Roller
Lateral turning device



HoverJack



HoverJack
EMS Evacuation



HTAIR Air Supply
For all HoverTech products

Sources:

Sources: 1. Karlsgöga lasarett Liselott Ståhlberg, Leg. Sjuksköterska Susanne Stråhlman, Undersköterska Undersökning av patienters smärtpåverkan vid laterala överflyttningar Jämförelse av glidbräddor och luftassisterad överflyttningss madrass (HoverMatt) 2. Biomechanical load during patient transfer with assistive devices: Cross-sectional study. Jonas Vinstrup, Icon, Markus D. Jakobsen, Icon, Pascal Madeleine, Lars L. Andersen. Pages 1164-1174. Published online: 21 May 2020. 3. <https://www.etac.com/products/patient-handling/campaigns/moving-the-weight-of-an-elephant-a-day/> 4. Clinical Trial J Emerg Nurs . 2021 Jan;47(1):101-112.e1. doi: 10.1016/j.jen.2020.05.018. Epub 2020 Sep 25. Development and Feasibility Testing of a Contextual Patient Movement Intervention Michael L Callihan, Joshua C Eyer, Cameron J McCoy, Anna M Dailey, Kathleen M Diket, Adam T Robinson, Sara Kaylor PMID: 32981748 DOI: 10.1016/j.jen.2020.05.018. 5. AORN J . 2011 Mar;93(3):334-9. doi: 10.1016/j.aorn.2010.08.025. AORN ergonomic tool 1: Lateral transfer of a patient from a stretcher to an OR bed Thomas Waters 1, Andrea Baptiste, Manon Short, Lori Plante-Mallon, Audrey Nelson. 6. Effects of patient transfer devices on the risk of work-related musculoskeletal disorders: a systematic review Nur Shuhaidatul Sarmiza Abdul Halim, Zaidi Mohd Ripin, Mohamad Ikhwan Zaini Ridzwan. Pages 494-514. Published online: 02 May 2022. 7. HoverTech case studies. 8. 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. 9. Technical Studies Supporting Pressure Injury Prevention, BRO_PIP. 10. 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. 11. Internal data on file



Etac is a world-leading developer of innovative assistive devices and patient handling equipment. Since 1973, we have been committed to improving quality of life for the individual, family members and caregivers.

For the intended purpose of the products and latest information, please visit www.etac.com

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