Hope for HAPI prevention

Smith-Nephew

LEAF^{\$} Patient Monitoring System

EVERY YEAR IN AMERICA

an estimated

acute care patients suffer from hospital-acquired pressure injuries (HAPIs)1



Each pressure injury leads to an average

\$21,767 in unrein costs to the hosp

in unreimbursed the hospital²

Turning works, according to the National Pressure Injury Advisory Panel.³ But most facilities are struggling.

Fortunately, the LEAF Patient **Monitoring System** can help



Turn protocol adherence

48%

Average turn adherence⁴⁻¹⁸

98%

LEAF Patient Monitoring System⁶ n=138 (p<0.001)



7 million hours of data collected on 60,000-plus patients shows the LEAF System helps significantly reduce incidence of HAPIs

73%

HAPI reduction in California critical care units⁷ (n = 1,300)

85%

reduction in sacrococcygeal injuries in California Magnet hospital¹⁹ (n = 231)

67%

HAPI reduction in Pennsylvania medical facility²⁰ (n = 918)



See full white paper



See testimonials

For detailed product information, including indications for use, contraindications, precautions and warnings, please consult the product's applicable Instructions for Use (IFU) prior to use.

REFERENCES 1. https://www.centerfortransforminghealthcare.org/improvement-topics/hospital-acquired-pressure-ulcers-prevention/. Accessed Nov. 1, 2020. **2.** Wassel CL, Delhougne G, Gayle JA, Dreyfus J, Larson B. (2020). Risk of readmissions, mortality, and hospital-acquiredconditions across hospitalacquired pressure injury (HAPI) stages in a US National Hospital Discharge database. Int Wound Journal, DOI; https://doi.org/10.1111/iwj.13482. 3. National Pressure Ulcer Advisory Panel, European Pressure Ulcer Advisory Panel, Pan Pacific Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers: Quick Reference Guide. Haesler E, ed. Osborne Park, Australia. Cambridge Media; 2014. https://www.npuap.org/ wp-content/uploads/2014/08/Updat-ed-10-16-14-Quick-Reference-Guide-DIGITAL-NPUAP-EPUAP-PPPIA-16Oct2014.pdf. Accessed February 1, 2018. 4. Doucette M, Adams S, Cosdon K. Optimizing patient turning resources by using a novel wearable technology. Presented at Wound, Ostomy and Continence Nurses Society's 2015 Conference. **5.** Schallom L, Metheny NA, Stewart J, et al. Effect of frequency of manual turning on pneumonia. Am J Crit Care. 2005;14(6):476-478. **6.** Schutt SC, Tarver C, Pezzani M. Pilot study: Assessing the effect of continual position monitoring technology on compliance with patient turning protocols. Nurs Open. 2017;5(1): 21-28. **7.** Pickham D, Berte N, Pihulic M, Valdez A, Mayer B, Desai M. Effect of a wearable patient sensor on care delivery for preventing pressure injuries in acutely ill adults: A pragmatic randomized clinical trial (LS-HAPI study). Int J Nurs Stud. 2018;80:12-19. **8.** Yap T, Kennerly S, Ly K. Pressure ulcer prevention: a pilot study of outcomes and challenges to use of resident monitoring technology in a nursing home. J Wound Ostomy Continence Nurs. 2019;47(3):207-213.

9. Voz A, Williams C, Wilson M. Who is turning the patients? A survey study. J Wound Ostomy Continence Nurs. 2011 Jul-Aug;38(4):413-8. 10. Gunningberg L. Are patients with or at risk of pressure ulcers allocated appropriate prevention measures? Int. J. of Nursing Practice. 2005; 11: 58-67. 11. Bours G, Halfens R, Abu-Saad H, Grol R. Prevalence, prevention and treatment of pressure ulcers: Descriptive study in 89 institutions in the Netherlands. Research in Nursing and Health. 2002; 25: 99-110. **12.** Goldhill D, Badacsonyi A, Goldhill A, Waldman C. A prospective observational study of ICU patient position and frequency of turning. Anaesthesia. 2008; 63: 509-515. **13.** Winkelman C, Ling-Chun, C. Manual Turning in Patients Receiving Mechanical Ventilation. Critical Care Nurse 2010; 30 (4): 36-44. **14.** Krishnagopalan S, Johnson EW, Low LL, Kaufman LJ. Body positioning of intensive care patients: clinical practice versus standards. Crit Care Med. 2002;30(11): 2588-2592. **15.** Wade S. Using Turn Cueing Technology to Reduce HAPIs in LTACH: Pilot Results. Poster presented internally at Central Specialty Hospital, 2020. **16.** Rosini L. Leveraging novel technology to decrease hospital-acquired pressure injuries. Poster presented at: American Organization for Nursing Leadership. March 18–21 2020; Nashville, TN, USA. **17.** Goodridge DM, Sloan JA, LeDoyen YM, McKenzie JA, Knight WE, Gayari M. Risk-assessment scores, prevention strategies, and the incidence of pressure ulcers among the elderly in four Canadian health-care facilities. Can J Nurs Res. 1998;30(2):23-44. 18. Bergquist-Beringer S, Dong L, He J, Dunton N. Pressure ulcers and prevention among acute care hospitals in the United States. Jt Comm J Qual Patient Saf. 2013;39(9):404-414. 19. Smith+Nephew 2020. Leveraging novel technology to decrease hospital-acquired pressure injuries. Internal Report