Enhancing Patient Safety and Outcomes: The Safe Patient Handling Connection
Selected References – listed by topic and title

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SPH and Patient Safety General Information

Oregon Coalition for Health Care Ergonomics (OCHE) website: SPH information; evidence base, bariatrics page and more.... www.hcergo.com

ADA: Access To Medical Care For Individuals With Mobility Disabilities – Use of SPH equipment in clinics http://www.ada.gov/medcare_ta.htm


CMS information about reimbursement and hospital acquired conditions


Effects of a National Safe Patient Handling Program on Nursing Injury Incidence Rates. Powell-Cope, G et. al. JONA Volume 44, Number 10, pp 525-534.


National Database for Nursing Quality Indicators (NDNQI) http://www.nursingquality.org/

The National Institute for Occupational Safety and Health (NIOSH) offers information about statistics and injuries related to patient handling at http://www.cdc.gov/niosh/topics/safepatient/default.html

The National Public Radio Series Injured Nurses 2 provides information about the science that supports why patients cannot be lifted and moved manually and the true impact of patient handling related injuries on nurses and their families. http://www.npr.org/series/385540559/injured-nurses


Saving costs, saving health care providers' backs, and creating a safe patient environment. Hunter, B., Branson, M., & Davenport, D. Nurs Econ. 28(2):130-4

Sources of work-related acute fatigue in United States hospital nurses Chen, J, et. al. Nursing and Health Sciences (2014), 16, 19–25,

Survey to Investigate the Status of Safe Patient Handling Programs in Acute Care and Safe Resident Handling Programs in Long Term Care facilities in Oregon. 2010, The Oregon Coalition for Health Care Ergonomics. www.hcergo.org


The Washington State Hospital Association provides numerous tools related to health care worker safety and to safe patient handling on its Hospital and Worker Culture of Safety website at http://www.wsha.org/workersafety.cfm The tools were developed as a result of the CMS Leading Edge Advanced Practice Topics (LEAP) program in 2014


SPH Related Mobility Assessment Tools


Pressure Ulcer Prevention


Clinical Use of Interface Pressure to Predict Pressure Ulcer Development: A Systematic Review. J. Reenalda et. al. Assist Technol. 2009 Summer;21(2):76-85

Decreasing Pressure Ulcers Across a Healthcare System: Moving Beneath the Tip of the Iceberg Sendelbach, S et al. JONA 41 (2):84-89

Effects of absorbent incontinence pads on pressure management mattresses. Fader et.al. (2004). Issues and Innovations in Nursing Practice 569-574


How to Try This: Predicting Pressure Ulcer Risk. AJN, American Journal of Nursing: November 2007 - Volume 107 - Issue 11 - p 48–49.


http://consultgerirn.org/topics/pressure_ulcers_and_skin_tears/want_to_know_more


Preventing Pressure Ulcers in Hospitals: A Toolkit for Improving Quality of Care. AHRQ. 2011. 


Leaving Slings and Air Assist Devices under Patients


Repositioning slings: the effects on skin pressure, pH and temperature. Edupuganti, K and Price, C. Am journal SPHM vol 3(2) p48-54.

Slings: Should They Stay or Should They Go? Jo Mellson-Webb, Dip COT, MSc, PGCAP

Investigation of sling fabric interface pressure and comfort in sitting with a disabled population. Presented at the SPHM East 2014 will be published in the American Journal of SPHM

**Fall Prevention**


**CDC 2013 Falls Among Older Adults: An Overview.** Home & Recreational Safety Falls – Older Adults – Multiple resources and information [http://www.cdc.gov/HomeandRecreationalSafety/Falls/index.html](http://www.cdc.gov/HomeandRecreationalSafety/Falls/index.html)


**Falls and patient mobility in critical care: keeping patients and staff safe.** S.A. Flanders et. al. AACN Advanced Critical Care Vol. 20 (3), pp. 267-76.

**How to Try This: Predicting Patient Falls.** AJN, American Journal of Nursing: November 2007 - Volume 107 - Issue 11 -p 50-59.

**Integrating Mobility & Falls Prevention Programs.** Bill Hirschuber, Park Nicollet Health Services. Proceedings SPHM conference East 2013


Missed Nursing Care


Missed Nursing Care, Staffing, and Patient Falls. B.J.Kalisch et al. Journal of Nursing Care Quality: January/March 2012 - Volume 27 - Issue 1 - p 6–12


Registered nurse perspectives on delayed or missed nursing cares in a New Zealand hospital. Rosie Winters, & Stephen Neville. Nursing Praxis in New Zealand 2012. ISSN:0112-7438

Early Mobilization of Ventilated Patients


Mobilizing Patients in the Critical Care Setting. Côté, N. Ontario Respiratory Care Society, a section of The Lung Association UPDATE WINTER 2012. www.on.lung.ca


Rehabilitation, Therapy and SPH

The American Physical Therapy Association (APTA) http://www.apta.org/SafePatientHandling/

APTA White Paper

- 2012 The American Physical Therapy Association (APTA) updates it's Safe Patient Handling position statement

APTA Education - Safe Patient Handling and Movement: Guidance for Health Care Workers Learning Center Online Course (0.25 CEUs)


Integrating patient handling equipment into physical therapy activities in a rehabilitation setting a case series. Mcilvane et al. AJSPHM 2011 Sept vol 1:3 p 16:22.

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Handle with Care: Bariatric equipment protects you and your patients from injury. Carlson, A. Rehab Management, November, 2008.

Handle with Care: Today’s PTs have more options than ever for safe patient transfers. Hinesly, D. Physical Therapy Products, June 2006.

Hospitalization-Associated Disability: "She was probably able to ambulate, but I'm not sure". Covinsky K, Peirluissi E, Johnston C. JAMA. 2011;306(16):1782-1793.


Recommendations for Vertical Transfer of a Postoperative Total Hip Replacement Patient (Bed to Chair, Chair to Toilet, Chair to Chair, or Car to Chair). Gonzalez, C.M., et al. Orthopaedic Nursing 28(s2):S13-S17.


Safe Vertical Transfer of Patient With Extremity Cast or Splint. Patterson, M et al.Orthopaedic Nursing 28: s18-s23.


**Work-related Musculoskeletal Disorders in Physical Therapists:**


**Work-Related Musculoskeletal Disorders and the Culture of Physical Therapy.** Cromie J.E., Robertson V.J., Best M.O. Physical Therapy.(82)5: 459-472.


**Work-Related Musculoskeletal Disorders in Physical Therapists: A Prospective Cohort Study With 1-Year Follow-up.** Campo, M., Weiser,S., Koenig, K.L.,& Nordin M. Physical Therapy. (88)5; 608-619.