

Oregon Coalition for HealthCare Ergonomics (OCHE)

Solutions to Challenges Associated with Handling and Mobilizing Bariatric Patients, December 7, 2017

Selected References – listed by topic and title

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Bariatrics & SPHM

Books:

A Practical Guide to Bariatric Safe Patient Handling & Mobility. Gallagher, S. 2015. Visioning Publishers LLC, Sarasota, FL.

Among Giants: Courageous Stories of Those Who Are Obese and Those Who Care for Them. Dionne M. Lulu Press; 2006.

Toolkit:

Bariatric Safe Patient Handling and Mobility Guidebook: A Resource Guide for Care of Persons of Size

<http://www.tampavaref.org/conferences-visn8.htm>

Other:

Addressing the need for research on bariatric patient handling. Gallinsky T, Hudock S, Streit J. Rehabilitation Nursing, 35(6), 242-247.

Associations between obesity and stress and shift work among nurses. Buss J. Workplace Health Saf. 2012 Oct;60(10):453-8.

Bariatric considerations in safe patient handling and movement (SPHM). Monaghan HM. Director. 2009;17(4):11-13.

Best practices for safe handling of the morbidly obese patient. McGinley LD, Bunke J. Bariatr Nurs Surg Patient Care.2008;3(4)255-260.

Caring for persons with bariatric health issues: a primer for the WOC nurse. Blackett A, Gallagher S, Dugan S, et al. J Wound Ostomy Continence Nurs. 2011;38(2):133-138.

Caring for your Bariatric Patient: A Resource Guide to Literature on of the Morbidly Obese. Thiele et al. Bariatric Nursing and Surgical Patient Care 6 (1) 2011.

Clinical outcomes for the obese hospital inpatient: An observational study. Fusco, K. L., Robertson, H. C., Galindo, H., Hakendorf, P. H., & Thompson, C. H. (2017). SAGE Open Medicine, 5: 1-6

Developing a comprehensive bariatric protocol: A template for improving patient care. Arzouman, J. et al. Medsurg Nursing 15(1), 21-26.

Essentials of a bariatric patient handling program. Muir M, Archer-Heese G. Online J Issues Nurs. 2009;14(1).
Exploring the relationship between obesity, patient safety, and caregiver injury. Gallagher S. Am J SPHM. 2011;1(2):8-12.

Evaluating equipment and techniques for safe perioperative positioning for the morbidly obese patient. Hunt, D. G. Bariatric Nursing and Surgical Patient Care, 2(1), 57-63.

Exploring Perceptions of Barriers, Facilitators, and Motivators to Physical Activity Among Female Bariatric Patients: Implications for Physical Activity Programming. Dikareva, A. et. al. American Journal of Health Promotion, Sep2016; 30(7): 536-544.

Handle with care: bariatric equipment protects you and your patients from injury. Carlson, A. Rehab Management. November 7, 2008. <http://www.rehabpub.com/2008/11/handle-with-care/>.

Hospital rehabilitation for patients with obesity: a scoping review. Seida, J.C et. al. DISABIL REHABIL, Jan 2018; 40(2): 125-134. (10p)

Manual handling risks associated with the care, treatment and transportation of bariatric patients and clients in Australia. Cowley SP, Leggett S. Int J Nurs Pract. 2010;16(3):262-267.

Manual handling risks in the bariatric (obese) patient pathway in acute sector, community and ambulance care and treatment. Hignett S, Griffiths P. Work. 2009;33(2):175-180.

Maximizing healthcare provider safety while rehabilitating the bariatric patient. Whipple KL. Bariatr Nurs Surg Patient Care.2008;3(1):41.

Nurses' Perceptions of Safety Concerns When Caring for Morbidly Obese Patients. M.A, et. al. Bariatric Nursing and Surgical Patient Care. Sep 2010: 243-247.

Mobilization of the obese patient and prevention of injury. Walden CM, et. al. Ann Surg. 2013 Oct;258(4):646-50; discussion 650-1.

Nursing Care of the Bariatric Patient. Camden, SG. Bariatric Nursing and Surgical Patient Care. Spring 2006, 1(1): 21-30.

Nursing care of the super bariatric patient: challenges and lessons learned. Broome, C. A et. al. (2015). Rehabilitation Nursing, 40(2), 92-99.

Overcoming barriers to mobilizing bariatric patients: three case studies. Arnold M, Combs J, Gach R, Labreche M. Am J SPHM. 2015;5(2):47-54.

Physical Therapists' Ways of Talking About Overweight and Obesity: Clinical Implications. Setchell J, Watson BM, Gard M, Jones L. Physical Therapy, 2016; 96

Promoting dignity and preventing caregiver injury while caring for a morbidly obese woman with skin tears and a pressure ulcer. Camden SG, Shaver J, Cole K. Bariatr Nurs Surg Patient Care. 2007;2(1):77-82.

Putting People First In Obesity. Kyle, T., Puhl, R. Epidemiology/Genetics. 2014; 1.

R-E-S-P-E-C-T: A Model for the Sensitive Treatment of the Bariatric Patient. Bejiciy, SM. Bariatric Nursing and Surgical Patient Care. March 2008, 3(1): 47-56.

Risk Assessment and Process Planning for Bariatric Patient Handling Pathways. Hignett, S., Chipchase, S., Tetley, A., Griffiths, P. Health and Safety Executive. 2007 <http://www.hse.gov.uk/research/rrhtm/rr573.htm>

Safe patient handling and movement: bariatric considerations. Gallagher S, Hilton T, Monaghan HM, Muir M, Dye A. Am J SPHM. 2014;4(2):S1-S16.

Safe patient handling of the bariatric patient: sharing of experiences and practical tips when using bariatric algorithms. Muir M, Heese GA. Bariatr Nurs Surg Patient Care. 2008;3(2):147-158.

Safe Patient Handling and Movement Program May 2008. Winnipeg Health Authority <https://pdfs.semanticscholar.org/47c6/8fb058b4a3da97aa38ca8289fa4d1174ea16.pdf>

Safe strategies for lifting large patients. Bunke JF. Nursing. 2008;38(suppl therapy):4-6.

Special Considerations for Care of Obese Patients Victoria General Hospital
http://www.wrha.mb.ca/professionals/safety/files/SafePatientHandling/VGH_SpecialConsiderationsforCareofObesePatientfinalApril42014.pdf

Special patient populations. Gallagher SM. In: Charney W, ed. Epidemic of Medical Errors and Hospital-Acquired Infections. Boca Raton, FL: CRC Press; 2012.

The bariatric patient and the unsupportive healthcare environment: an ethics analysis. Saucedo T, Falco K. Am J SPHM. 2014;4(1):52-56.

The Challenges of Caring for the Obese Patient. Gallagher S. Edgemont, PA: Matrix Medical Communications; 2005.

The safe patient handling needs of a bariatric patient: one size does not fit all. Delmore B, Stolfi A, Garrigan SL, et al. Am J SPHM. 2011;1(4):31-36.

Weighty matters: supplying rehabilitation services for a growing number of bariatric patients. Paleg G. Rehab Management; October 2007.

Women's health, size, and safe patient handling: what are the ethical issues? Gallagher S. Bariatr Nurs Surg Patient Care. 2011;6(2):69-72.

Work-related musculoskeletal risks associated with nurses and nursing assistants handling overweight and obese patients: A literature review. Choi, S. D., & Brings, K. (2016). Work, 53(2), 439-448.

Bariatrics, SPHM and Long-Term Care

OSHA Ergonomics Guidelines for Nursing Homes (2003 rev. 2009)

https://www.osha.gov/ergonomics/guidelines/nursinghome/final_nh_guidelines.html

Bariatric Accommodation Long Term Care. Currie C. Winnipeg, Canada: Manitoba Health; 2006.

Caring for Obese Individuals in the Long-Term Care Setting. Bradway, C et. al. Annals of Long-Term Care 17(7)
The miracle of lifting technology. Joliff, J. (2006). Nursing Homes.

Nursing home perspectives on the admission of morbidly obese patients from hospitals to nursing homes.
Felix, H. C., Bradway, C., Ali, M. M., & Li, X. (2016). Journal of Applied Gerontology, 35(3), 286-302.

Patient handling in the Veterans Health Administration:facilitating change in the health care industry.
Hodgson M, Matz MW, Nelson A. JOEM. 2013; 55(10):1230-1237 .

Safe lifting and movement of nursing home residents. Collins JW, Nelson A, and Sublet [2006]. DHHS (NIOSH) Publication No. 2006-117. Cincinnati, OH: National Institute for Occupational Safety and Health.
<http://www.cdc.gov/niosh/docs/2006-117/>

Safe Patient Handling & Movement: Long Term Care

Heather M.; Murray, Esther; Severson, Lori; Kissing, Jackie; American Journal of **Safe Patient Handling & Movement**, Sep2013 Supplement; 3 S1-S19.

The Link between Safe Patient Handling and Patient Outcomes in Long-Term Care. Nelson, A., Collins, J., Siddharthan, K., Matz, M., & Waters, T. Rehabilitation Nursing, Vol. 33 No. 1, 33-43.

Bariatrics – General

A cross-sectional analysis of patterns of obesity in a cohort of working nurses and midwives in Australia, New Zealand and the United Kingdom. Bogossian F, Hepworth J, Leong G, et al. Int J Nurs Stud. 2012;49:727-738.

Ethical realities of bariatric nursing: a case study approach to real-world dilemmas part 1: the Georgetown mantra-a framework for debate. Gallagher SM. Bariatr Nurs Surg Patient Care. 2009;4(2):103-108.

Healthcare professionals' attitudes about obesity: an integrative. Budd GM, Marriotti M, Graff D, Falkenstein K. review. Appl Nur Res. 2011; 24:127-137.

Morbidly obese patients receive delayed ED care: body mass index greater than 40 kg/m2 have longer disposition time. Baskerville J, Moore RK. Am J Emerg Med. 2012;30(5):737-740.

National Institute for Occupational Safety and Health (NIOSH) Safe Patient Handling and Mobility (SPHM) webpage 2017. <https://www.cdc.gov/niosh/topics/safepatient/>

Nurses' attitudes towards adult patients who are obese: literature review. Brown I J Adv Nurs. 2006;53(2):221-232.

Obesity and overweight. World Health Organization Web site.
[Http://www.who.int/mediacentre/factsheets/fs311/en/.](Http://www.who.int/mediacentre/factsheets/fs311/en/)

Obesity Action Coalition (2017) <http://www.obesityaction.org/understanding-obesity/related-conditions>
Skin and wound care among obese patients. Gallagher SM In: Bryant RA, Nix DP. Acute and Chronic Wounds. Mosby Elsevier:2011.

Obesity Prevention and Control – CDC

<http://www.cdc.gov/workplacehealthpromotion/evaluation/topics/obesity.html>

Prevalence of obesity among adults and youth: United States, 2011–2014. Ogden, C. L., Carroll, M. D., Fryar, C. D., & Flegal, K. M. (2015). NCHS data brief, 219(219), 1-8. <https://www.cdc.gov/obesity/data/adult.html>

The intersection of ostomy and wound management, obesity, and associated science. Gallagher S. Ostomy Wound Manage. 2014;60(1):6-7.

Bariatrics – Design & Equipment

Access To Medical Care For Individuals With Mobility Disabilities – Use of SPH equipment in clinics. ADA:

http://www.ada.gov/medicare_ta.htm

Bariatrics - Space Requirements. ARJO Canada Inc. (2006).

<http://www.arjo.com/ca/Page.asp?PageNumber=1021>

Guidelines for Design and Construction of Hospitals and Outpatient Facilities. Facilities Guidelines Institutes.

Chicago, IL: Facility Guidelines Institute; 2014. www.fgiguilines.org

Ergonomics in healthcare facility design, part 1: patient care areas. Stichler JF, Feiler JL. J Nurs Adm. 2011;41(2):49-51.

Ergonomics in healthcare facility design, part 2: support areas. Feiler JL, Stichler JF. J Nurs Adm. 2011;41(3):97-99.

Guidebook for Architects and Planners: Functional Design for Mobilisation and Ergonomics. 4th ed. Eslov, Sweden: ArjoHuntleigh; 2014.

Healthcare Recipient Sling and Hanger Bar Compatibility Guidelines. April 2016. American Association for Safe Patient Handling and Movement. www.AASPHM.org.

Health Care Design and Construction Guidelines 2010 – Incorporate Safe Patient Handling & Movement. The Facilities Guideline Institute.

https://www.healthdesign.org/sites/default/files/FGI_PHAMA_whitepaper_042810.pdf

Patient Handling and Movement Assessments (PHAMA) 2010 <http://www.fgiguilines.org/resource/patient-handling-and-movement-assessments/>

Planning and design guidelines for bariatric healthcare facilities. Andrade SD. The American Institute of Architects Web site.

<https://www.google.com/webhp?sourceid=chrome-instant&ion=1&espv=2&ie=UTF-8#>

Safe patient handling building design guidance: an overview of the patient handling & movement assessment. Matz MW. Am J SPHM. 2011;1(2):13-17.

Safe Patient Handling Equipment Purchasing Checklist. American Journal of Safe Patient Handling and Movement, 3, (1): S1-16.

Safe Patient Handling Program and Facility Design. Veterans Health Administration (VHA) Directive 2010-032 June 28, 2010. http://www.va.gov/vhapublications/ViewPublication.asp?pub_ID=2260

Strategies for accommodating obese patients in an acute care setting. Collignon A., The American Institute of Architects. <http://www.aia.org/practicing/groups/kc/AIAS076325>. Published 2013.

Standards for Accessible Medical Diagnostic Equipment

Published in the Federal Register on January 9, 2017.

36 CFR Part 1195 RIN 3014-AA40

<https://www.access-board.gov/guidelines-and-standards/health-care/about-this-rulemaking/final-standards>

The American Institute of Architects. (2004). Planning and Design Guidelines for Bariatric Healthcare Facilities. http://www.aia.org/nwsltr_print.cfm?pagename=aah_jrnl_20061018_award_winner

Related SPHM Resources (Selected)

Banner Mobility Assessment Tool for Nurses: Instrument Validation. Boynton, T., Kelly, L., Perez, A., Miller, M., An, Y., & Trudgen, C. Am. J. SPHM, 4(3), 86-92.

Banner Mobility Assessment Tool can be found at http://www.americannursetoday.com/wp-content/uploads/2014/09/ant9-Patient-Handling-Supplement-821a_Implementing.pdf and <https://www.youtube.com/watch?v=vqkw13Ucpg8>

Comprehensive Review of SPHM Articles from 2005-2016: Section 12. SPHM and Bariatrics. American Journal of Safe Patient Handling and Movement, 6, (1):S-1-26

Get up and Go' or 'Timed Up and Go'

<http://www.mnfallsprevention.org/professional/assessmenttools.html>

<https://www.aan.com/Guidelines/home/GetGuidelineContent/273>

Making the Business Case to Initiate, Sustain and Evaluate Safe Patient Handling Programs Part 1. L. Enos American Journal of Safe Patient Handling and Movement, I, (3): 8-15.

<http://www.americanjournalofsphm.com/>

Making the Business Case to Initiate, Sustain and Evaluate Safe Patient Handling Programs Part 2. L. Enos. American Journal of Safe Patient Handling and Movement, I, (4): 8-16.

<http://www.americanjournalofsphm.com/>

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>

Safe patient handling and mobility: Interdisciplinary national standards. The American Nurses Association (ANA) 2013. Silver Spring, MD <http://www.nursingworld.org/>

Safe Patient Handling Toolkit. Federal OSHA 2013.
https://www.osha.gov/dsg/hospitals/patient_handling.html

Safe Patient Handling and Patient Safety: Identifying the current evidence base and gaps in research.
American Journal of Safe Patient Handling and Movement, 3, (3).

Safe Patient Handling Toolkit with Algorithms –Veterans Health Administration
<http://www.tampavaref.org/conferences-visn8.htm>

Safe Patient Handling and Mobility Check. Enos 2013. www.hcergo.org

Scoring System Helps Choose Approaches and Devices for Safely Moving Patients, Leading to Fewer Staff Injuries and Lost Work Days. Agency for Healthcare Research and Quality 2012.
<https://innovations.ahrq.gov/profiles/scoring-system-helps-choose-approaches-and-devices-safely-moving-patients-leading-fewer>

Through the Eyes of the Workforce: Creating Joy, Meaning, and Safer Health Care. The Lucian Leape Institute at the National Patient Safety Foundation Feb 2013. <http://www.npsf.org/about-us/lucian-leape-institute-at-npsf/lli-reports-and-statements/eyes-of-the-workforce>

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 (LEAPT) program in 2014