



West Middlesex University Hospital

## Preventing Accidental Falls in Hospital Patients

### Evidence Update

#### Published Research:

##### Effectiveness of an Ambient Intelligent Geriatric Management system (AmbIGeM) to prevent falls in older people in hospitals: protocol for the AmbIGeM stepped wedge pragmatic trial.

Visvanathan, Renuka; Ranasinghe, Damith C; Wilson, Anne; Lange, Kylie; Dollard, Joanne; Boyle, Eileen; Karnon, Jonathan; Raygan, Erfan; Maher, Sean; Ingram, Kate; Pazhvoor, Shibu; Hoskins, Stephen; Hill, Keith

Injury prevention : journal of the International Society for Child and Adolescent Injury Prevention; Aug 2017

##### Reducing falls in the inpatient hospital setting.

Melin, Catherine M

International journal of evidence-based healthcare; Jul 2017

##### Prevention of falls in hospital.

Morris, Rob; O'Riordan, Shelagh

Clinical medicine (London, England); Jul 2017; vol. 17 (no. 4); p. 360-362

##### Activity Monitoring and Heart Rate Variability as Indicators of Fall Risk: Proof-of-Concept for Application of Wearable Sensors in the Acute Care Setting.

Razjouyan, Javad; Grewal, Gurtej Singh; Rishel, Cindy; Parthasarathy, Sairam; Mohler, Jane; Najafi, Bijan

Journal of Gerontological Nursing; Jul 2017; vol. 43 (no. 7); p. 53-62

##### Outcomes of Adding Patient and Family Engagement Education to Fall Prevention Bundled Interventions.

**Author(s):** Opsahl, Angela G.; Ebright, Patricia; Cangany, Marty; Lowder, Melissa; Scott, Dawn; Shaner, Tamara

**Source:** Journal of Nursing Care Quality; Jul 2017; vol. 32 (no. 3); p. 252-258

##### Preventing falls in hospitalized older adults.

Christy, Revonda

Nursing; Jul 2017; vol. 47 (no. 7); p. 1-3

**Falls risk prediction for older inpatients in acute care medical wards: Is there an interest to combine an early nurse assessment and the artificial neural network analysis?**

Beauchet O.; Sekhon H.; Levinoff E.J.; Chabot J.; Noublanche F.; Simon R.; Kabeshova A.; Launay C.P.

:Journal of Nutrition, Health and Aging; Jul 2017 ; p. 1-7

**Analysis of falls that caused serious events in hospitalized patients.**

Kobayashi, Kazuyoshi; Imagama, Shiro; Ando, Kei; Inagaki, Yuko; Suzuki, Yusuke; Nishida, Yoshihiro; Nagao, Yoshimasa; Ishiguro, Naoki

Geriatrics & gerontology international; Jun 2017

**Implementation fidelity of a nurse-led falls prevention program in acute hospitals during the 6-PACK trial.**

Morello, Renata T; Barker, Anna L; Ayton, Darshini R; Landgren, Fiona; Kamar, Jeannette; Hill, Keith D; Brand, Caroline A; Sherrington, Catherine; Wolfe, Rory; Rifat, Sheral; Stoelwinder, Johannes

BMC health services research; Jun 2017; vol. 17 (no. 1); p. 383

**Improving safety culture in hospitals: Facilitators and barriers to implementation of Systemic Falls Investigative Method (SFIM).**

Zecevic, Aleksandra A; Li, Alvin Ho-Ting; Ngo, Charity; Halligan, Michelle; Kothari, Anita  
International journal for quality in health care : journal of the International Society for Quality in Health Care; Jun 2017; vol. 29 (no. 3); p. 371-377

**Reports:**

**The incidence and costs of inpatient falls in hospitals - NHS Improvement (July 2017)**

This report looks at incidence of inpatient falls in hospital in England, estimated costs incurred by hospital, potential cost savings from reducing falls by implementing well-evidenced multidisciplinary interventions, and potential savings to hospitals from taking these actions.

**Resources:**

**Falls improvement collaborative: provider stories – NHS Improvement (June 2017)**

Several pilot organisations that took part in an improvement collaborative to prevent and reduce instances of falls in hospitals, provide an update on their progress.

**Comments or suggestions? Please contact the Library and Knowledge Service**

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