

Name of Instrument: **Home-Screen Scale**

Author: Maree Johnson, Anne Cusick, and Sungwon Chang

**Contact Info:**

**Name:** Maree Johnson, Faculty of Health  
**Address:** University of Western Sydney Macarthur  
PO Box 555, Campbelltown, Australia 2560  
**Phone:**  
**Fax:**  
**E-mail:** m.johnson@uws.edu.au

**Privacy Use Cost:** \$

**Public Use Cost:** \$

**Year Developed:** 2001

**Where to obtain Instrument:**

- Contact author

**Description of the Instrument**

- A nurse-administered, 14-item scale instrument to identify environmental hazards and unsafe behaviour and alert nurses to the need for specialized environmental assessment and behaviour change related to falls prevention.
- Home-safe subscale included seven environmental features: room clutter, good lighting for day and night, floor coverings, shoes worn in the home, toileting, and showering facilities.
- Home-behaviour subscale includes seven items : the use of clean toilet facilities or aids, moving carefully through the house, wearing footwear correctly, taking care when doing things, night lighting when getting up, climbing to reach high items, and hurrying to answer telephone or door.
- Each item is rated from 1 to 10 with intervals of 1. A score of 10 means free of clutter for the Home-safe subscale and safe for the Home-behaviour subscale. Total subscale scores range from 7 to 70.
- The Home-screen scale was included in a survey form that was completed by community nursing.
- A critical point on the scale that reflected a threshold of risk was 71 (out of 100) with 4 items deleted. 25% of entire sample (247/989) had a score of 71 or less, representing poor home safety and behaviour.

**Form of instrument:**

- Questionnaire/ Survey
- Hazard/Risk Assessment Tools
- Safety Assessment Tools

**Method of delivery:**

- Proxy Report (nurses filled out the report)

- In-person interview/assessment

**Relevance to injury/ Percentage of the instrument specific to injury**

- To identify fall risks in the elderly home.

**Time to administer or complete the instrument**

**Methods of data analyses:**

- Quantitative

**Setting/sample instrument used in:**

- Consisted of 1,165 veterans receiving care from community nursing services of the Commonwealth Department of Veterans' Affairs (DVA).

**Was it pilot tested?** No

**Pilot test sample:**

**Reliability Measures**

- Resultant alpha coefficients were: 0.84, Home-safe subscale (5 items, 2 items deleted); 0.81, Home-behaviour subscale (5 items, 2 items deleted); and 0.86 for all items or Home-screen scale.

**Validity Measures**

**Reference**

Johnson, M., Cusick, A., & Chang, S. (2001). Home-screen: A short scale to measure fall risk in the home. Public Health Nursing, 18(3), 169-177.

**Other References**

**Keywords:** elderly, seniors, falls, home safety, risk, community nursing.