

CONFERENCE ABSTRACT

Pressure Ulcers: Development and psychometric evaluation of the Patient Knowledge of Pressure Ulcer Prevention Instrument (KPUP)

17th International Conference on Integrated Care, Dublin, 08-10 May 2017

Emer Shanley, Zena Moore, Declan Patton

Royal College of Surgeons in Ireland, Ireland

Aim: Patient's right's to have a central part in the healthcare process is an important aspect of health care provision¹. Benefits include enhanced motivation and knowledge about health and illness, and increased capacity to monitor and look after themselves². Patient involvement in pressure ulcer prevention tends to be limited, as this aspect of care has been largely viewed as being in the domain of the trained health care professional³. To evaluate the outcomes of a planned patient led pressure ulcer prevention clinical trial, a validated tool to measure patient knowledge was essential. However, the researcher was unable to find a validated tool and thus the development and psychometric evaluation of KPUP⁴ instrument was necessary.

Method: Step 1 involved development of the questionnaire, to explore knowledge, attitudes and health behaviours, related to pressure ulcer prevention. Firstly content validity was undertaken. Items with a Content Validity Index of .78, or higher were included. Step 2 involved psychometric evaluation of the KPUP⁴ among a cohort of 200 older persons on a test/retest basis, following ethical approval and consent.

Results / Discussion: Data were analysed, stored and presented using SPSS version 23.05. Cronbach's alpha was relatively stable ($\alpha = .58$ for test, $\alpha = .54$ for retest) for the instrument. The correlation between the test/retest computed score was positive ($r = .60$).

Conclusion: The development of the KPUP⁴ as a reliable and valid instrument to assess patient's knowledge of, and attitudes to behaviours towards pressure ulcer prevention is an important step in order to evaluate the impact of education programmes on patients.

References:

- 1- World Health Organisation. Right to Health. (World Health Organisation, Geneva, 2012). Available: <http://www.who.int/mediacentre/factsheets/fs323/en/index.html#.UPrSuSNE5mw.email>.
- 2- European Commission. Eurobarometer Qualitative study: Patient involvement. (ed. Directorate-General for Communication) (European Commission, Brussels, 2012).
- 3- Coulter, A., Parsons, S. & Askham, J. Where are the patients in decision-making about their own care? (ed. World Health Organization 2008 and World Health Organization on behalf of

Shanley; Pressure Ulcers: Development and psychometric evaluation of the Patient Knowledge of Pressure Ulcer Prevention Instrument (KPUP).

the European Observatory on Health Systems and Policies) (WHO Regional Office for Europe, Copenhagen, Denmark, 2008).

4- Royal College of Surgeons, School of Nursing & Midwifery, Shanley, Emer, Moore, Z, Patton, D. SPUPP Shanley Pressure Ulcer Prevention Programme. Dublin, RCSI Publications, 2016. Print and Electronic Format. [Supplemental Questionnaire –Knowledge of Pressure Ulcer Prevention [KPUP] v.1 2016 Print and Electronic Format

5- SPSS Inc. Chicago, IL, USA

Keywords: pressure ulcer; patient education; knowledge tool
