Abstract

A Pilot Program to Trial The Innovative Use of The Evidenced Based Smart Incontinence Management (SIM) System for Continence Assessment and Management in a Sub-Acute Rehabilitation Setting.

Jennifer Kohlhardt

Masters of Education and Masters of Nursing from Flinders University South Australia and Queensland University of Technology, Australia.

Abstract:

1 in 3 women and 1 in 10 men are incontinent. 30% to 65% of all patients in rehabilitation, geriatric rehabilitation, head injuries, orthopaedic units and spinal units are incontinent. The cost of urinary incontinence for aged care facilities in Australia is $1.1 billion with a further $112 million for continence products (Yu et al, 2014) The SIM™ sensor pad is a single use disposable device that connects to a durable transceiver (SIM™ pod) that records and wirelessly transmits incontinence data to a server for storage and processing. The data collected is then synchronised with incontinence related observations recorded by staff via a SIM™ assist application displayed on a device collects data over a 72-hour period, accurately profiles the physiological bladder/bowel pattern of a patient's incontinence. This data assists the clinician in identifying an accurate toileting program, improving continence product selection and pad change times to develop an evidence-based continence plan.

Biography:

Jennifer Kohlhardt has a Masters of Education and Masters of Nursing from Flinders University South Australia and Queensland University of Technology. Has been practicing in the education field for 12 years holding the position of Clinical Nurse Consultant for Training; Education and Leadership in the Geriatric Rehabilitation Unit at Princess Alexandra Hospital Brisbane Australia for the past 5 years. Passionate about life-long learning; educating diverse staff in a supportive collaborative environment and developing clinically relevant tools which can be adaptable in many environments.

Recent Publications:

1. Yu P, Hailey D, Fleming R, Traynor V. An exploration of the effects of introducing a telemonitoring system for continence assessment in a nursing home. Journal of Clinical Nursing. 2014; 23(21-22):3069-76

2. Jennifer Kohlhardt et al; Surgical Nursing, 2018 Jul 22.

3. Jennifer Kohlhardt et al; Healthcare and Nursing Management, 2017 Apr 16.

4. Jennifer Kohlhardt et al; Pediatric Nursing, 2019 May 12.

5. Jennifer Kohlhardt et al; Geriatric and Palliative Nursing, 2018 Sep 27.

5th Nursing Research and Evidence Based Practice Conference