

# 6<sup>th</sup> World Nursing and Healthcare Conference

August 15-17, 2016 London, UK

## The impact of an interactive educational programme on Saudi paediatric nurses' knowledge, attitudes, beliefs, and perceived barriers to optimal post-operative pain management

Nahar AlReshidi, Tony Long and Angela Darvill

University of Salford

Professor of Child & Family Health

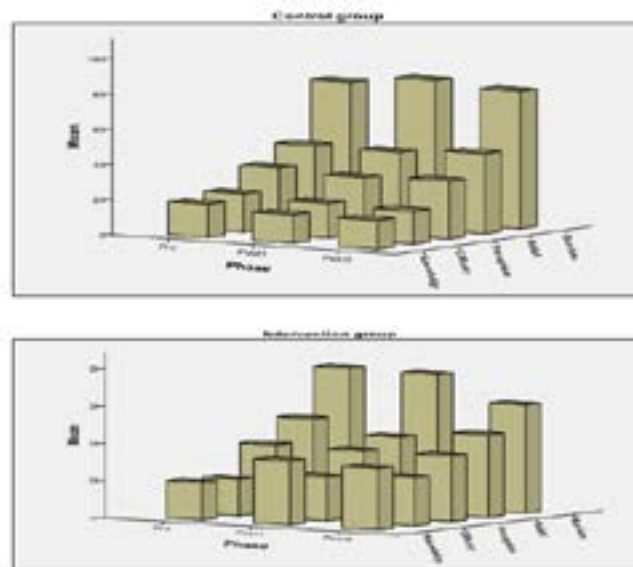
Senior Lecturer in Children's Nursing, University of Huddersfield

**Background:** Post-operative pain management has been researched extensively, but it fails to receive the same attention from paediatric nurses in Saudi Arabia. Practices are not evidence-based, but there is a willingness to improve. The factors to be addressed in this study had not been considered together in any study, and each in turn is supported by only minimal evidence of variable quality. No work of significance had been undertaken in the context of Saudi Arabia or other Gulf nations.

**Aims:** To test the impact of an interactive postoperative pain management education programme for paediatric nurses

**Study Design:** A non-equivalent groups, pre-test post-test design was used. A sample of 229 paediatric nurses working in surgical units in Hail region hospitals was recruited and completed four questionnaires on three occasions, before the intervention, and at 1 and 3 months after. The intervention was an interactive educational programme on DVD with explanations, exercises, video presentations and self-check games.

**Results:** There was significant improvement in participants' knowledge and attitudes. Perception of barriers to effective pain management reduced, while self-efficacy improved. No improvement was found in perception about children's pain.



**Conclusion:** This study will improve pain management for children following surgery. It will prompt the use of an alternative, digital, interactive education programme in Saudi Arabia.

### Biography

Nahar AlReshidi is a doctoral research student in the School of Nursing, Midwifery & Social Work in the University of Salford. He is the Director of Nursing in King Khalid hospital- Hail Region of the Kingdom of Saudi Arabia, with a Diploma in Nursing from KSA, a BSc in Nursing from the University of Technology Sydney in Australia, and a MSc in Nursing Education from University of Salford in UK.

n.m.alreshidi2@edu.salford.ac.uk