Supporting Skills Development For Peritoneal Dialysis Trainers

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Introduction
Nurses are responsible for training patients in the technique of Peritoneal Dialysis (PD) which is a home-based therapy. There has been no published randomised controlled trial evaluating any specific protocol for nurses delivering PD training and patients being trained. We hypothesised that a standardised education package based upon best available evidence and utilising modern educational practices may lead to improved patient outcomes. This poster outlines the process to develop a standardised, evidence-based curriculum for PD trainers.

Methods
A literature search and clinical audit were conducted to identify current practice patterns and best practice that also aligned with guidelines from the International Society for Peritoneal Dialysis (ISPD). Delphi technique was used in the development of the “Train the Trainer” curriculum and its supporting material. Results were reviewed by a focus group of practitioners comprising PD nurses, nephrologists, consumers, a medical education expert, and an eLearning expert. From this, a training curriculum and modules were developed.

Results
A comprehensive PD training curriculum which includes training modules for PD nurses have been developed. The package comprises 2 introductory modules and 2 clinical case modules. The curriculum is designed with interactive digital media. Assessment is also addressed.

Conclusion
There have been no published RCT data evaluating any specific protocol for training PD nurse trainers. It is highly likely that there are unrealised gains to be made for PD clinical outcomes with the adoption of best practice guidelines. A comprehensive PD training curriculum has been developed by experts, utilising adult learning principles and eLearning techniques, following the guidelines outlined by the ISPD.

Training framework: nurse trainers

Preliminary framework knowledge
List prerequisite clinical knowledge required by PD nurse trainers
- Recommended educational sources
- Online multiple choice assessment at end of each module (pass rate: 90%)
- Practice assessment by in-unit mentor/peer assessor
- Completion recorded on Nurse Competency Checklist

Module 1a: Home dialysis training – an overview
- Assessment 1a: multiple choice question
- Assessment 2a: multiple choice question

Module 2: Case study – Soraih
- Assessment 3a: multiple choice question

Module 3: Case study – Maggie
- Assessment 4: case study-based assessment task

Assessment 5: Nurse Competency Checklist

Case study-based modules apply knowledge to clinically relevant scenarios
- Online multiple choice assessment at end of each module (pass rate: 100%)
- Digital certificates of completion
- Completion recorded on Nurse Competency Checklist

Standardised case study assessment
- Case study assessed is similar to those presented in case study modules
- Assess patient factors and barriers impacting on home dialysis training
- Prepare a planned learning session for a specific PD training step
- Assessed by in-unit mentor/peer assessor using standard marking scheme
- Completion recorded on Nurse Competency Checklist

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