Convention ID: 422
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Nurse-led Empowerment Program on Supporting Home Therapy Management for Newly Trained Peritoneal Dialysis Patients

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Keywords:
Nurse-led
Empowerment Program
Home Therapy Management
Newly trained

Introduction
Self care is one of the most important elements in end stage renal failure patients on peritoneal dialysis. After PD training, applying knowledge and enironmental change will lead to produce complications. The empowerment program can be strengthened their knowledge in manage complications and provide a good support to them.

Objectives
Current practice was reviewed and reengineered a new empowerment program to newly trained peritoneal dialysis patients. The empowerment program can assess and review the PD knowledge and technique practice of them, so that we can identify their weakness and provide specific knowledge and technique reinforcement.

Methodology
Newly trained PD patients are the most high risk group in PD complication because of environment exchange between hospital and home setting and without nurse support after the PD training in renal unit. A CQI nursing team was formed to workout a new assessment tool to assess their knowledge on handling PD therapy at home via telephone visit within 1 week after the PD training. Another FU telephone visit will be held on 1 week later if the total score below 80%.

Result
1. All the newly trained PD patients can pass the assessment (Passing rate is above 80/100 score, FU assessment will be held if below 80/100 score) via telephone visit.
  After implementing the new program for patient education on 1st Nov 2017 to the end of December 2017, total 20 patients had received the new empowerment program. Their overall patient's satisfaction rate from 4 to 5 in a 5-point Likert scale, with average at 4.3. Total 20 patients assessed, 12 patients passed in the first assessment with average 89% score and 8 patients failed in first assessment with average 74% score and increased to 92% score in FU assessment after knowledge reinforcement.