



## Service Priorities and Programmes Electronic Presentations

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### **Quality of Life before and after peritoneal dialysis in Hong Kong elderly**

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#### **Keywords:**

Quality of Life

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#### **Introduction**

Title: Quality of Life before and after peritoneal dialysis in Hong Kong elderly

Author: Suet Hang LO Quality of life (QoL) is considered as an important measure of treatment outcome, especially for long-term diseases. Patients with end stage renal disease requiring peritoneal dialysis. Compared to the younger patients, the elderly may find more difficulties in dealing with PD than the others.

#### **Objectives**

The objectives of this study were to assess the elderly patients' QoL change after the commencement of PD, and to examine the relationship between predictors and the QoL change.

#### **Methodology**

Convenient sampling of 31 aged 60 year-old or above peritoneal dialysis elderly were recruited. Their QoL was measured by using the Kidney Disease Quality of Life Short Form (KDQOL-SF 1.3) questionnaires before their home peritoneal dialysis and three months afterwards. Demographic data, physical and mental health status, and score of QoL were collected for analysis.

#### **Result**

The QoL score increased significantly after peritoneal dialysis among the elderly ( $p < 0.001$ ). Their general health perceptions ( $p = 0.045$ ), role limitations-emotional ( $p = 0.018$ ), social functioning ( $p < 0.001$ ), symptom list ( $p = 0.008$ ), overall health rating ( $p = 0.002$ ), and overall health rating compared to 1 year ago ( $p < 0.001$ ) are all improved significantly after peritoneal dialysis. Predictors for the QoL increase are age ( $p = 0.014$ ), religion ( $p = 0.001$ ), and independency of doing peritoneal dialysis ( $p = 0.036$ ).