

Insight into quality of life in patients with chronic kidney disease

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Abstract

Quality of life (QOL) in patients with chronic diseases has become a main indicator of patient outcomes. Uptodate, there is lack of evidence about QOL and its determinants in different stages of chronic kidney disease (CKD). This study aims to compare the QOL between non-dialysis patients and those who commenced dialysis treatment and to determine the predictors of QOL. A total of 436 CKD patients was recruited from three different hospitals. The Kidney Disease Quality of Life short version (KDQOL-36™) was used to assess QOL among CKD patients. The finding show that the overall mean of QOL was 58.08 ± 20.04 and the QOL score was worse among the dialysis group than the non-dialysis (53.47 ± 18.66 vs. 72.28 ± 17.35). There were significant differences between the two groups for each domain of QOL. The most affected domain was physical function. Dialysis treatment, older age, male gender and lower education levels were independently associated with lower score of QOL. The results underscore the significance of paying more attention to older patients who are on dialysis therapy and have a lower education level. Consideration of these factors will help nurses to identify at an early stage those patients who are at risk of experiencing a lower QOL and assist in planning appropriate interventions



Biography:

Dr. Almutary has completed her PhD since 2017 from Queensland University of technology at Australia. She has previous experience as clinical instructor and educator. She is the head of Medical Surgical Nursing Department at King Abdulaziz University. She has published many papers in reputed journals. In addition, has been serving as a reviewer for several nursing journals such as Journal of Advanced Nursing.

Speaker Publications:

1. "Symptom burden in chronic kidney disease: a review of recent literature"
2. "Which patients with chronic kidney disease have the greatest symptom burden? A comparative study of advanced CKD stage and dialysis modality"
3. "Nurses' willingness to report medication administration errors in Saudi Arabia"
4. "Multidimensional symptom clusters: an exploratory factor analysis in advanced chronic kidney disease"
5. "Arabic translation, adaptation and modification of the dialysis symptom index for chronic kidney disease stages four and five"

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