



TEHRAN UNIVERSITY OF MEDICAL SCIENCES
School of Nursing and Midwifery
International Campus

Title:

**Assessing the Relationship between Health Literacy and
Quality of Life among Hemodialysis Patients, Tehran,
Iran, 2019**

A Thesis Submitted to the Office of Graduate Studies in Partial Fulfillment of the
Requirements for the Award of Master of Science (MSc.) Degree in Critical Care Nursing

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2019

ABSTRACT

Background: Chronic kidney disease and dialysis are associated with various complications. This study aimed to determine the relationship between health literacy and quality of life among patients receiving hemodialysis in hospitals affiliated with Tehran University of Medical Sciences.

Methodology: In this study, a descriptive cross-sectional correlational study design with 138 sample size was utilized. Convenience sampling was used to select the study participants. We collected the data on May 2019. Data collection was done using the HELIA and KDQOL SFTM tool.

Results: In this study, 133 respondents fully completed out of a computed sample size of 138 participants. The mean score of health literacy of the respondents was 49.03 (+/-22.37) while the average score of quality of life of the respondents in this study was 53.01 (+/-14.86).

Conclusion: Based on the findings of our study, patients receiving haemodialysis had insufficient health literacy and a better quality of life. In order to address the health literacy needs of the patients, consideration of continuous health education and assessment in this patient subpopulation could gradually improve their health literacy and quality of life. Health care providers such as nurses could improve Health Literacy and substantially Quality of Life through interventions aimed at determining existing literacy needs in the long and short term treatment course for individual dialysis patients.

Key Words: End-stage renal disease, health literacy, quality of life, hemodialysis, health-related quality of life.