

Correlation between quality of life and adherence to treatment of hemodialysis patients

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Abstract

This study aimed at determining the quality of life on a group of 71 hemodialysis patients in DaVita Clinic Dialysis Station in Piła. The research instruments were: the 36-Item Short Form Health Survey, the Adherence to Refills and Medications Scale and the author's questionnaire.

Our findings showed that the main total score of adherence to treatment is 17.8 ± 4.1 . Data analysis regarding the quality of life among hemodialysis patients indicated that respondents had the best quality of life in domains such as: sense of mental health, bodily pain and mental component summary. On the other hand, the results were the worst in case of physical functioning, general health perception and physical role functioning. Additionally, it has been noted that the patients function better in terms of mental than physical component summary.

Based on the survey results it has been concluded that age correlates in a statistically significant way with the quality of life across all the domains ($p < 0.05$) except for bodily pain and general health perception. It means that the higher the age the lower the quality of life in terms of pain and general perception of health. The analysis showed a statistically relevant correlation ($p < 0.05$) between place of residence and physical role functioning, general health perception, vitality emotional role functioning, physical component summary and mental component summary. This means that the quality of life is better among residents of cities in comparison with rural population. Other domains did not demonstrate statistically relevant differences.

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Biography

Anna Cybulska has completed his Ph.D. at the age of 25 years from Pomeranian Medical University in Szczecin. She is a young scientist who works in Department of Nursing in

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