

THE RELATIONSHIP BETWEEN HEMODIALYSIS TIME SPAN AND QUALITY OF LIFE OF CHRONIC KIDNEY FAILURE PATIENTS AT WONOGIRI HOSPITAL

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ABSTRACT

Background: Chronic renal failure is damage to the progressive part of the kidney that is fatal and is characterized by the presence of urea and other nitrogenous wastes circulating in the blood. Based on Riskesdas (2018) shows an increase in the prevalence of CKD in Indonesia which occurs at the age of ≥ 15 years, where in 2013 it was 02% and in 2018 it became 0.38% and Central Java in 2021 kidney failure cases reached 2,831 decreased compared to the previous year. Wonogiri Hospital serves hemodialysis therapy as of January 2023 which is actively undergoing hemodialysis as many as 177 patients. **Objective:** Determine the relationship between hemodialysis time span and quality of life of chronic kidney failure patients at Wonogiri Regional Hospital. **Research Method:** Quantitative research using questionnaires and using *cross-sectional* research methods of a population of 177 and a sample of 123 respondents undergoing hemodialysis therapy at Wonogiri Regional Hospital between March – May 2023. **Results:** Quality of life results of chronic renal failure patients undergoing hemodialysis therapy showed 44% of patients in the good quality of life category and 5% in the poor quality of life category. The results of statistical tests using *sperman rho* obtained values ($\rho=0.110$, $\alpha: 0.05$). **Conclusion:** There was no significant association between hemodialysis time span and quality of life for chronic renal failure patients

Keywords : *Chronic Renal Failure, Time Span, Hemodialysis, Quality of Life*