

**ANALYSIS OF FACTORS RELATED TO INCREASED POST
HEMODIALYSA BLOOD PRESSURE IN THE ELDERLY AT IHC
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ABSTRACT

While undergoing hemodialysis therapy, patients experience health problems, including hemodynamic disorders and muscle cramps, which are common problems. Factors that cause changes in post-hemodialysis blood pressure can be due to a history of hypertension, increased body weight, and excessive consumption. Elderly patients undergoing hemodialysis treatment experience an increase in blood pressure after hemodialysis by 80%. Possible factors causing an increase in post-hemodialysis blood pressure include family history of hypertension, age, muscle cramps, body weight, and duration of hemodialysis. The aim of this study was to determine factors associated with increased post-hemodialysis blood pressure. The research design uses a "cross-sectional" approach. The sampling method used "purposive sampling" with 74 elderly people. Determination of respondents was based on the inclusion criteria of patients who experienced an increase in blood pressure after hemodialysis, and patients who routinely underwent hemodialysis therapy. Test data analysis using univariate analysis to determine the characteristics of respondents. Bivariate analysis used the Spearman rank test for all factor variables associated with increasing post-hemodialysis blood pressure. Bivariate test for history of hypertension with p-value 0.007, age with p-value 0.001, muscle cramp pain with p-value 0.044, body weight with p-value 0.049, length of time undergoing hemodialysis p-value 0.036. Family history of hypertension, age, muscle cramps, body weight, and length of time undergoing hemodialysis are associated with an increase in post-hemodialysis blood pressure.

Key words: Blood pressure, Hemodialysis, Elderly, ESRD