

FACTORS ASSOCIATED WITH MEDICAL TREATMENT OBEDIENCE IN HYPERTENSIVE PATIENTS AT PASIR PANJANG COMMUNITY HEALTH CENTER, KUPANG, EAST NUSA TENGGARA, INDONESIA

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ABSTRACT

Background: The control of hypertension aims to reduce cardiovascular morbidity and mortality. Although making the diagnosis may be considered easy and efficient, treatment measures exist, the effective maintenance and control of the therapeutic regimen related to hypertension has been an arduous task. This situation has been experienced by the individuals affected by the condition, their family members, healthcare professionals and organizations. This study aimed to investigate factors associated with medical treatment obedience in hypertensive patients.

Subjects and Method: This was a cross-sectional study conducted at Pasir Panjang community health center in Kupang, East Nusa Tenggara, Indonesia. A sample of 59 hypertensive patients was selected by random sampling. The dependent variable was medical treatment obedience. The independent variables were education, knowledge, family support, and health personnel role. The data were collected by medical record and questionnaire. The data were analyzed by Chi-square.

Results: High education (OR= 10.82; 95% CI=2.86 to 40.96; p= 0.002), high knowledge (OR= 7.00; 95% CI= 2.66 to 18.43; p= 0.001), strong family support (OR= 26.57; 95% CI= 6.98 to 101.10; p< 0.001), and active health personnels (OR= 40.96; 95% CI= 8.64 to 194.27; p= 0.003) increased medical treatment obedience in hypertensive patients.

Conclusion: High education, high knowledge, strong family support, and active health personnels increase medical treatment obedience in hypertensive patients.

Keywords: hypertension, treatment obedience, family support, health personnel role

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