

Predicting factors in functional ability among persons with end stage renal disease receiving hemodialysis

ABSTRACT

The purpose of this descriptive study was to examine predicting factors in functional ability among persons with end stage renal disease receiving hemodialysis. The appropriate sample size from sample calculation were 130 patients but some respondents were not complete so that sample size in this study were 120 patients who receiving hemodialysis treatment at outpatient department from five hospitals in Chiangrai province; Chiangrai Prachanukroh hospital, Maechan hospital, Phan hospital, Fort Mengraimaharaj hospital, and Kasemrad Sriburin hospital. The sample size was chosen with purposive sampling technique. Data collection based on questionnaire. All data were analyzed by Multiple Logistic Regression Analysis.

The result indicated that patients receiving hemodialysis have mild level of physical functional ability, perceived social support, and self efficacy score (53.33, 52.50 and 63.33 respectively). Analyzed predicting factors in functional ability among persons with end stage renal disease receiving hemodialysis with Multiple Logistic Regression Analysis found that patients who has high level of self efficacy score also has high level of functional ability [OR 2.864 (95% CI, 1.202-6.824), p 0.017] and patients who has high level of self efficacy score also has high level of functional ability [OR 9.236 (95% CI, 2.937-29.040), p 0.000].

The recommendation is that self efficacy score predict functional ability in patients who receiving hemodialysis so that hemodialysis nurse should develop program for promote self efficacy aim to promote functional ability in patients who receiving hemodialysis.