ABSTRACT

HIPERTENSION AS RISK FACTOR FOR COGNITIVE IMPAIRMENT IN ELDERLY AT POSYANDU FOR ELDERLY RAJABASA BANDAR LAMPUNG

BY

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Hypertension and cognitive impairment is a common health problems in elderly. Hypertension is often associated with increased risk of cognitive impairment in elderly. The purpose of this research was to determine hypertension as a risk factor for cognitive impairment in elderly at Posyandu for elderly Rajabasa Bandar Lampung. This study is a case-control study approach, this study using purposive sampling technique and had 80 respondents consisting of 40 respondents as case of impairment in cognitive function and 40 respondents controls with normal cognitive function. In the research, a group of elderly who suffer from hypertension have 5.21 times higher risk of experiencing cognitive impairment compared to those elderly who did not have hypertension with a P-value of 0.001 and 95% confidence interval (1.87 to 14.52). This means that hypertension is a risk factor for cognitive impairment in elderly at Posyandu for elderly Rajabasa in Bandar Lampung.

Keywords: Risk Factor, Hipertension, case control, cognitive impairment.