

ABSTRACT

THE RELATIONSHIP OF FAMILY SUPPORT, SOCIAL INTERACTION AND COGNITIVE FUNCTION AGAINST THE DEPRESSION IN THE ELDERLY IN RAJABASA DISTRICT BANDAR LAMPUNG

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Background: Depression in the elderly is a form of pathological disorders. Factors that lead to depression in the elderly are multifarious such as social support, social interaction and cognitive function. The purpose of this study was to determine the relationship among those factors against depression in the elderly. This study also aims to determine the most leading aspect affecting depression.

Method: Research methodology in this study was observational with *cross sectional* design. The study was conducted from August to October 2015 in Integrated Service Post (Posyandu) for Elderly at Rajabasa District. The samples comprised 92 respondents who were taken by using proportional random sampling technique. The independent variables of this study were the family support, social interaction and cognitive function. The dependent variable was the depression in the elderly. Furthermore, chi-square statistical tests and logistic regression were performed on this study.

Result: The outcomes results showed that the elderly with a good family support the percentage was 85.90% and with less family support was 14.10%. The proportion of elderly with good social interaction was 95.70% and less social interaction was 4.30%. The elderly with a normal cognitive function was 42.40% mean while the abnormal cognitive function was 57.60%. The old age who experience depression was 16.30% and 83.70% not impaired by depression. The variables highly associated with depression were social interaction ($p=0.006$, OR=29.143; CI 95%=2,662-319,05) and family support ($p=0.009$, OR=6.071; CI 95%=1,556-23,692).

Conclusion: It can be concluded that there were a relationship of family support, social interaction and cognitive function on the incidence of depression. The social interaction was the greatest leading aspect affecting the occurrence of depression in the elderly in Rajabasa District.

Keywords: depression, family support, cognitive function, social interaction, elderly