

ABSTRACT

Relationship of the level of depression symptoms with breast cancer stage

in Poli Onkologi Satu Atap (POSA) RSUD Dr. Soetomo Surabaya

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INTRODUCTION: A diagnosis of breast cancer raises a stressor that is meaningful and can be accompanied by depression. Cortisol is a hormone associated with depression. By knowing the emotional state of breast cancer patients who experience symptoms of depression after being diagnosed, treatment can be done in a comprehensive manner with the hope of treatment can be working optimally. **AIM:** To know relationship of the level of depression symptoms with breast cancer stage in POSA RSUD Dr. Soetomo. **METHOD:** The study was observational analytic study of cross-sectional against breast cancer patients at first visit in POSA RSUD Dr. Soetomo. This research use questionnaire *BDI-II* to measure the rate of depression symptoms. Methods of statistical analysis test is Spearman correlation. **RESULT:** Obtained 43 women with most age range 45-59 years (60.5%), the last largest education history at the high school (41,9%), and most everyday work as a housewife (74,4%). Old lumps in the breasts felt more than 1 year 70.7%; 46.5% predominantly patients with stage III, and 62.8% of patients with the results of the *BDI-II* there are no symptoms of depression. The result shows a weak relationship between the rate of depression symptoms with the staging of breast cancer (Sig. 0,009<0,396, rs = 0.05). The weak relationship between variables because: (1) distribution of stadium is uneven; (2) The results of the *BDI-II* showed no symptoms of depression in the majority of patients; (3) Subjects in the phase receives against his condition through the condition of spirituality a good subject and can affect the emotional conditions conducive for the subject. Conditions of spirituality a good subjects make the subject arose from slump, and religious; (4) The positive support of the family; and (5) positive Support from fellow cancer survivors who have been healed. **CONCLUSION:** The increase in breast cancer stage is followed by an increase in symptoms of depression.

Keyword: Stage of breast cancer, The rate of depression symptoms