ABSTRACT

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Study Program : Public Health

Title :Factors Associated With Genesis Tuberkulosis (TB) Disease

at Nurse Critical Area At Hospital X Jakarta 2017

Data shows that the number of cases of pulmonary TB disease is still high, the case of pulmonary tuberculosis that occured in the nurse critical area at X Hospital in Jakarta have increased, it can be seen from the data of cases pulmonary tuberculosis on nurses critical area of Jakarta Hospital in 2016 as many as 9 people. While in the year 2017 from January to December the number increased to 25 people. The purpose of this study was to analyze the factors related to the incidence of pulmonary tuberculosis (TB) disease in the nurses critical area of the Jakarta X Hospital. Type of quantitative research using case control design. This study was conducted on June 6 2018-11 July 2018. The sample of this study used a ratio of 1: 2, with a sample case of 25 people and a control sample of 50 people. Data collection using a checklist paper and questionnaire. The statistical test used is Chi-Square test. Based on Chi-Square test results showed that there were 3 variabels had a associated with the occurrence of Pulmonary TB in nurses, the standard precautionary variable (OR = $0.49, 95\% \ CI = 0.368-0.665$), smoking status variables (OR = 4.205, CI 95 % = 1,448-12,209), nutritional status (OR = 8,308, 95% CI = 2,472-27,919) and unrelated were age variables (OR = 0.207, 95% CI = 0.719-12,700). Suggestions that can be monitored involve third parties, strict sanctions from employees who smoke in the area of the hospital environment, monitoring periodic nutritional status.

Keywords: Disease, Tb Paru, Lung Risk Factors

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