ABSTRACT

Study Program : **Public Health**

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Title :**Factors Associated With Sepsis Incidence In Neonates**

At Agung Jakarta Hospital 2017

Sepsis is an infection that causes the body's normal response to infection being excessive bacteria and the resulting toxin can lead to changes in the temperature of the heart and blood pressure and can lead to organ disorders. According to WHO data Neonatal Sepsis kills about 1 million newborns each year. The purpose of this study was to determine factors related to sepsis incidence in neonates at Jakarta Agung Hospital in 2017. This research method is quantitative with *case control* approach with sampling using *Non Probability Sampling* technique with a large sample of 144 people conducted on 18-22 June 2018. Data collection using questionnaire analyzed with Chi-square test with $\alpha = 0,05$. The results showed that of the five variables the highest proportion of Mother Age (not at risk 85,4%), maternal age (not at risk 95,1 %), types childbirth (*section caesarea* 88,2%), Premature rupture of membranes(KPD 69,4%), and birth weight (not at risk 75,7%). There are two variables that have a relationship with the incidence of sepsis in neonates at Jakarta Agung Hospital in 2017. Ie gestational age variable (OR 8,548, CI 95% 1,581-46,233) and birth weight variable (OR 5,353, CI 95% 2,326-12,321). Suggestions to avoid pregnancy too young and avoid work too hard, causing a contraction in the mother.

Keywords :**Sepsis, Maternal age, types Childbirth, Premature rupture of membranes, and birth weight.**

Viii + 61 halaman ; 3 bagan ; 14 tabel

Literature : 46 (2003- 2017)