The Risk factor of Asphyxia neonatorum in Neonatal Ward
Dr Soetomo Hospital 2014

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**Introduction**: Asphyxia neonatorum is a condition of newborns who failed to breathe spontaneously and regularly soon after birth. Factors that cause asphyxia neonatorum consist of factors the state of maternal, infant state factors and labor factors.

**Method**: The type of research is an analytical study survey research has been done which are case control analytic by using a patient’s medical records of normal newborn and suffered form asphyxia neonatorum. Data were analyzed by univariate analysis, bivariate analysis with Chi-Square test and Odds Ratio.

**Result**: The factors which are factors associated with asphyxia neonatorum are low birth weight (p = 0.001), prematurity (p = 0.000), preeclampsia (p = 0.006), eclampsia (p = 0.004).

**Conclusion**: The result of research shows that risk factors such as infant factors (low birth weight, prematurity), maternal factors (preeclampsia, and eclampsia) that can lead asphyxia neonatorum

**Keywords**: asphyxia neonatorum, risk factors