

## **ABSTRACT**

### **CORRELATION BETWEEN FETAL MATURITY AND ASPHYXIA ON BABIES IN NEONATOLOGY ROOM OF DR. H ABDUL MOELOEK HOSPITAL PROVINCE LAMPUNG**

**By**

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Asphyxia is one important etiology of perinatal morbidity and mortality where the baby has respiratory failure spontaneously, irregular and inadequate immediately after birth. Mortality case in 2012 on neonatus which had asphyxia in Bandar Lampung as much as 35 cases (54,72%). Many disorders in neonates period have correlation to asphyxia, one of the fetal maturity. Purpose of this study is to investigate correlation between fetal maturity and asphyxia on babies in neonatology room of Dr. H Abdul Moeloek Hospital Province Lampung.

This study used analytic descriptive method by cross sectional approach. This study has been done during November until Desember 2013. The samples were chosen by total sampling technique. We got 601 samples used secondary data in July 2013 until December 2013.

The results showed the babies who got asphyxia were 38,4% and the maternals who experienced pregnancy maturity were 60,1%. Chi-square statistical test showed p value was 0,001 so there was correlation between fetal maturity and asphyxia. Conclusion, there was correlation between fetal maturity and asphyxia.

**Key word :** Asphyxia, fetal maturity, neonatus.