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**THE RELATIONSHIP BETWEEN PREECLAMPSIA AND  
PREMATURE RUPTURE OF MEMBRANES AND THE OCCURRENCE  
OF PREMATURE LABOR AT DR. HOSPITAL. H. JUSUF SK TARAKAN  
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**ABSTRACT**

Premature labor is a problem that is always a concern because it is one of the main causes of neonatal death. Premature labor is labor that occurs when the gestational age has not reached 37 weeks. The most common causes of preterm labor that are known so far are preeclampsia and PROM. The risk of premature rupture of membranes in preterm pregnancy is often associated with the occurrence of preterm labor/premature babies. The importance of research regarding risk factors for preterm labor is to analyze what factors cause preterm labor. The aim of this research is to determine the relationship between preeclampsia and premature rupture of membranes and the incidence of preterm labor at RSUD dr. H. Jusuf SK Tarakan. The method used is case control. The case sample used (1:3) by the author was 38 patients who experienced premature labor and the control group was 114 women who gave birth normally. The data analysis that will be used is chi square and odd ratio. Results: there is a relationship between preeclampsia and the incidence of premature labor with p-value = 0.02 and there is a relationship between PROM and the incidence of premature labor with p-value 0.01 at RSUD dr. H. Jusuf SK Tarakan. Conclusion it is hoped that this can increase insight into preeclampsia and PROM to determine the risk of preterm labor so that it can prevent preterm labor.

**Keywords:** KPD, Preeclampsia, prematurity

