

# RELATIONSHIP BETWEEN BIRTH INTERVAL AND THE RISK OF POSTPARTUM HEMORRHAGE AT RSIA KIRANA HOSPITAL IN SIDOARJO, EAST JAVA

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## ABSTRACT

**Background:** Postpartum hemorrhage is a significant cause of maternal death; a quarter of maternal mortality is caused by bleeding and is more common in mothers in Indonesia compared to incidents abroad. Bleeding occupies the highest percentage of causes of maternal death (28%). The risk factors that can cause postpartum hemorrhage are grand multipara, short labour interval of fewer than 2 years, and labour performed with surgery. This study aimed to determine the relationship between birth spacing and postpartum hemorrhage in mothers who gave birth at RSIA Kirana, Taman - Sidoarjo.

**Subjects and Method:** This was a quantitative study with analytical survey method. The approach used in this research is observational. A total sampel 41 maternities. The dependent variable was incidence of postpartum hemorrhage. The independent variable was birth spacing. The data were collected by observation. The data was analyzed by Chi – Square.

**Results:** Postpartum hemorrhage was more likely to occur in respondents with a birth spacing of less than 2 years (OR= 0.17; 95% CI= 0.04 to 0.66; p= 0.019)

**Conclusion:** Most of the postpartum women with birth spacing <2 years experienced postpartum hemorrhage.

**Keywords:** Birth Distance, Postpartum Hemorrhage Incidence

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