

# RELATIONSHIP OF MOTHER CHARACTERISTICS WITH ABILITY OF EARLY DETECTION OF ANEMIA ON PREGNANT WOMAN IN SEMARANG CITY

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## ABSTRACT

**Background :** Maternal Mortality Rate in Indonesia is still dominated by three main causes of death: bleeding, hypertension in pregnancy, and infection. Anemia in pregnant women becomes one of the causes of postpartum hemorrhage and decreased immune function so easily infected with the disease. The results showed that maternal mothers who experienced the incidence of primary postpartum haemorrhage experienced anemia in pregnancy about 85.3% (Princess, 2015). One of the measures to prevent pregnancy complications is by early detection of anemia in pregnancy.

**Purpose :** This study aims to determine the relationship of characteristics and ability of early detection of anemia in pregnant women in East Semarang Puskesmas Working Area.

**Methods :** The type of this research is correlational descriptive research with cross-sectional design. This study was conducted on December 5, 2017 to 5 January 2018 with the number of samples of 76 respondents. Sampling technique with total sampling. Research instrument with questionnaire. Data analysis using spearman rank test.

**Findings :** The results showed that there was a correlation between maternal early detection and anemia ( $p = 0.033$ ), there was a correlation between education with anemia early detection ability ( $p = 0.035$ ), no correlation between job with early anemia detection ability ( $P = 0,761$ ), there is a relationship between parity with anemia early detection ability ( $p = 0,025$ ).

**Conclusions and Recommendations :** The ability of early detection of anemia in pregnant women is the ability to know as early as possible the complications that are influenced also by the physical and intellectual ability of someone (Mittasurya, 2017). To improve the ability of early detection of anemia in pregnancy should be given a health education on early detection of anemia in pregnancy,

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