

**FAKTOR YANG BERHUBUNGAN DENGAN ANEMIA  
PADA IBU HAMIL TRIMESTER III DI WILAYAH PUSKESMAS  
BANDUNGSARI KABUPATEN BREBES**

**ABSTRACT**

***Factors Relating To Anemia In Pregnant Woman Trimester III  
In The Puskesmas Bandungsari Kabupaten Brebes***

*Esih Kurniasih<sup>1</sup>, Yuliana Noor Setiawati.Ulvie<sup>2</sup>  
Nutrition Science Study Program The Faculty of Nursing and Health  
University of Muhammadiyah Semarang*

*Anemia in pregnancy is a national problem faced in Indonesia that can cause growth disorders in the fetus and the risk of bleeding during childbirth. This study aims to determine factors related to anemia in the trimester III of pregnant women of maternal age, vitamin A sufficiency level, vitamin C adequacy rate, adherence and procedure of taking tablet Fe in Puskesmas Bandungsari Kabupaten Brebes. The type of this research is analytic study using cross sectional design. Total sample 48 respondents, taken with total sampling technique. Data collection with interview technique and vitamin A and vitamin C sufficiency level with SQ-FFQ method. Data analysis with Chi-Square test.*

*As much as 54,2% of respondents had anemia, as much as 72,9% respondent age including healthy reproductive age category, as much as 75% sufficient level of vitamin A respondent including adequate, as much as 68,8% level of vitamin C sufficiency of respondent including inadequate, as much as 72,9% drinking Fe tablets and as much as 70.8% of respondents drinking Fe tablets as recommended. The result of Chi-Square test showed that there was a significant correlation between maternal age with anemia ( $p = 0,024$ ), vitamin A adequacy level with anemia ( $p = 0,045$ ), and adherence level of Fe tablet with anemia ( $p = 0,000$ ). There was no significant association between vitamin C sufficiency level and anemia and between the procedures of taking Fe tablets with anemia.*

*Maternal age, vitamin A level, and compliance rate of Fe tablets are associated with anemia in trimester III pregnant women. It is advisable to get pregnant at the age of healthy reproduction and pregnant women can eat with a balanced nutrition menu and so the needs of vitamin A can be met and avoid anemia.*

***Keywords: anemia, pregnant women, Fe tablets, Vitamin A, Vitamin C***

