

**ABSTRACT**

**The Factors Of The Compliance Eat Iron Tablet (Fe) And Anemia In Pregnant Women In Primary Health Center Of South City Kediri City**

**Dina Dewi Anggraini**

**Background:** Bleeding into the highest percentage of causes of maternal death. Anemia is the major cause of bleeding . Prevention and control of iron deficiency anemia is accomplished through iron supplementation with daily doses as much as 1 tablet (60 mg elemental iron and folic acid 0,25 g ) successively at least 90 days during pregnancy. Scope Fe1 and Fe3 at City District, the Southern Regional Health Center is Fe1 by 69.81% and amounted to 66.29% Fe3 , the data has not reached the target program in 2014 that is equal to 95%.**Objective:** To analyze the factors that influence compliance to consume iron tablet (Fe) and anemia in pregnant women in the South Regional Health Center Kediri. **Methods:** This study applied an analytical observation with cross sectional design. The subjects consisted of 63 third trimester pregnant women and the number of samples taken is as much as 34 third trimester pregnant women who have received 90 tablets of iron (Fe), using simple random sampling technique. Data obtained from questionnaires, books Maternal and Child Health (MCH), and in-depth interviews. Data analysis was performed using ordinal regression and logistic regression. **Results:** There was an effect of age <20 years of adherence to consume tablets of iron (Fe) in pregnant women ( $p = 0.000$ ), there was the influence of knowledge of good and reasonably owned pregnant women to adherence to consume tablets of iron (Fe) in pregnant women ( $p = 0.000$  ), there is an interaction effect was good and fairly among pregnant women with health professionals ( $p = 0.000$  and  $p = -$ ), and no effect of compliance sufficient to consume tablets of iron (Fe) against anemia in pregnant women ( $p = 0.012$ ). **Conclusions:** Adherence to consume tablets of iron (Fe) in pregnant women are affected by age and knowledge of pregnant women, pregnant women as well as interaction with health care providers. And anemia in pregnant women are affected by compliance to consume iron tablet (Fe) during pregnancy. **Suggestion:** This risk factor is expected to be of particular concern for the professional's Health and pregnant women.

**Keywords:** adherence to consume tablets of iron (Fe), anemia in pregnant women.