

The Relationship between Knowledge Level of Iron Nutrition Anemia and Compliance of Iron Tablet Supplement Consumption in Pregnant Mother at the Tapanrejo Public Health Center Banyuwangi

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ABSTRACT

Anemia is a public health problem, especially for pregnant women in both developed and developing countries. The prevalence of anemia in pregnant mother in Indonesia is still high at 48.9%. Factors that cause anemia in pregnant mother at the Tapanrejo Health Center include knowledge and compliance of pregnant mother in consuming iron tablet supplements. The purpose of the research was to determine the relationship between the level of knowledge of iron nutrition anemia and compliance to iron tablet supplement consumption in pregnant mother at the Tapanrejo Public Health Center, Banyuwangi. This research is an analytic observational study with a cross sectional design. The subjects in this research were all pregnant mother who were in the Tapanrejo Health Center area as many as 59 pregnant mother using the purposive sampling technique. Data was collected by using a questionnaire related to knowledge about iron nutritional anemia and compliance to iron tablet supplement consumption. The results showed that the level of knowledge of pregnant mother was good (94.9%), high compliance to the consumption of iron tablets (47.5%) and there is no significant relationship between the level of knowledge of iron nutrition anemia and compliance to the consumption of iron tablets ($p = 0,078$). The data analysis technique used the Spearman Rank correlation test. The conclusion of this research is that there is no relationship between the level of knowledge of iron nutrition anemia and compliance of iron tablet supplement consumption in pregnant mother at the Tapanrejo Public Health Center Banyuwangi.

Keywords: *Anemia, Pregnant Mother, Knowledge, Compliance, Iron Tablet Supplement*