ABSTRACT

ANY FAUZAYANI BASRI. Risk Factors of Anemia among Pregnant Women in the Community Health Centre Working Area of Puskesmas Wajo Bau-Bau City South East Sulawesi Province. Under direction of DRAJAT MARTIANTO and IKEU TANZIHA.

The study is aimed to determine factors associated with anemia among pregnant women in the working area of the Puskesmas Wajo Bau-Bau South East Sulawesi Province. This is a cross-sectional study. The sample consisted of all pregnant women in the working area of Puskesmas Wajo. Data was collected through interviews using questionnaires and examinations. Anemia was assessed using Kato Katz method, while worm investation status and malaria status analysed using Giemsa method. Data were analysed using bivariate and multivariate linear regression. Prevalence of anemia was found 43.3% and risk factors of anemia among pregnant women were maternal age (OR=5.35, 95%CI=1.95-14.66), gestational age (OR=7.34, 95%CI=3.30-16.33), birth spacing (OR=2.39, 95%CI=1.17-4.88), frequency of visits to health care (OR=4.32, 95%CI=2.39-7.81), compliance of taking iron tablets (OR=14.82, 95%CI=5.28-41.65), family role (OR=5.14, 95%CI=2.71-9.78), eating habits (OR=2.53, 95%CI=1.96-3.26), worm investation (OR=5.54, 95%CI=2.37-12.98).

Keywords: anemia, pregnant women, malaria, Puskesmas Wajo