

ABSTRACT

Khofifah Nadifatus Khoiroh, 2023. The Relationship Between Anemia and KEK in Pregnant Women With The Incidence of BBLR in The Working Area of the Arjuno Public Health Center Malang City. Advisors: I Nengah Tanu Komalyana, I Dewa Nyoman Supariasa

Background: The prevalence of BBLR in Malang City, based on data from the Malang City Health Office for 2020, is 4.1%. The prevalence of BBLR in Klojen District, Arjuno Health Center is 5%. Some of the factors that cause BBLR include Anemia and KEK in pregnant women.

Methods: The population of this study were all mothers giving birth in January - September 2022, totaling 199 people in the working area of the Arjuno Public Health Center, Klojen District, Malang City. The sample used in this study was 30. 15 respondents in the case group and 15 respondents in the control group. The sampling technique used in this study was purposive sampling according to the inclusion and exclusion criteria. The variables in this study, the independent variable are anemia and KEK in pregnancy and the dependent variable is BBLR.

Results: The results of the study showed that out of 15 cases of BBLR, there were 8 mothers who experienced anemia during pregnancy and 7 cases who were not anemic. Whereas in the 15 controls who were not BBLR, there was 1 mother who had anemia and 14 others who did not. The results of the Chi Square analysis showed that there was a relationship between anemia and the incidence of BBLR ($p=0.005$). The results of the study showed that out of 15 cases of BBLR, there were 6 mothers who experienced KEK in pregnancy and 9 cases who did not. Whereas in the 15 cases that were not BBLR, there was 1 mother who experienced KEK and 14 others did not experience KEK. The results of the Chi Square analysis showed that there was not a relationship between KEK and the incidence of BBLR ($p=0.080$).

Conclusion: There was a relationship between anemia in pregnancy and the incidence of BBLR in in the working area of the Arjuno Public Health Center Malang City and There was not a relationship between KEK in pregnancy and the incidence of BBLR in in the working area of the Arjuno Public Health Center Malang City.

Keywords: Anemia, KEK, Pregnant Women, BBLR