



Data analysis was done by using spss program. The data statistical method used was Chi-square, frequency, mean, standard deviation, odds ratio and correlation.

The result of the study show that socio-economic biological factors, medical conditions and complications of pregnancy factors that there were significant association with LBW infants.

According to the study findings, it is recommended that all pregnant women need access to basic antenatal health care. Health personnel should give health education about the pregnancy and increase the availability of early and regular high-quality prenatal care. the enhance the awareness of the complication of the multigravidous women, the health personnel must add the information on ghigh risk factors in health education during ANC. Emphasizing the importance of antenatal care the midwifery curriculum. Improving the supervision system for MCH service activities with special emphasis on the factors found to be associated with LBW.