

Abstract

Low birth weight (LBW) is one of the factors of death in the perinatal period. Low birth weight babies require more nutrients than normal birth weight babies to grow and develop properly. Therefore, the provision of good nutrition and enough is needed to prevent disturbances to grow and develop. Exclusive breastfeeding for the first 6 months is the best nutrition for baby's early life.

The purpose of this study was to determine the correlation between exclusive breastfeeding and weight gain in LBW.

This study was observational analytic approach to the subject of a retrospective cohort study. Data analysis was performed using SPSS version 17 software program with chi square test. The sample in this study was 6 months old baby with a history of low birth weight (1900-2500 g), and the respondents are willing to live in the District of Imogiri.

The results of this study showed significant relationship between exclusive breastfeeding with weight gain ($p < 0,05$)

From the results of this study concluded that there was a significant association between breast-feeding on the growth of body weight in LBW

Keywords: low birth weight, breastfeeding weight Growth