

ABSTRACT

Infant with birth weight 1500-2500 grams can lose weight up to 10% in 4-5 the first day after the birth. Infant weight 1500 grams can lose weight up to 15% in 7-10 days first. Therefore to overcome the LBW infant (Low Birth Weight) not much to lose weight done treatment Kangaroo Mother Care (KMC). KMC was a LBW infant care that conducted continuously in direct contact with mother and breastfeeding. The aim of this study was to determine the effect of Kangaroo Mother Care to the weight gain of LBW infants.

This type of research was Experimental with design that used Quasi Experimental Design. The population in this study were all infants with LBW treated at the NICU RSUD dr. Moh. Soewandhie Surabaya in the period on May 2th until June 10th 2017, up to 40 samples subject to inclusion criteria were then divided into 2 groups: the experiment group and the control group.

Infants with Low Birth Weight (LBW) performed treatment of Kangaroo Mother Care methods experienced weight gain of 54,25 grams. Analysis with Paired t Test gave significant result of weight gain between before and after treatment of the Kangaroo Mother Care method ($p=0,00$). Infants with Low Birth Weight that is not done treatment of Kangaroo Mother Care increased weight of 29,25 grams. There is an increase significant weight as well ($p=0,00$). Analysis using Independent t Test showed a significant difference of weight gain in the group was given KMC and groups not given KMC ($p=0,00$).

There was significant influence of Kangaroo Mother Care to the weight gain of LBW infants.

Keywords: Kangaroo Mother Care (KMC), weight gain of LBW infants