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EDUCATION INFLUENCE ON BIRTH WEIGHT AND BODY LENGTH IN KENDARI CITY, SOUTH EAST SULAWESI PROVINCE

Kartini

Health Polytechnic of Health Ministry of Kendari

Mail: gloriakartini@gmail.com

Aim: The research aimed to investigate the education influence on birth weight and body length in Kendari City, South East Sulawesi Province.

Methods: This was a quasi experimental study using the pretest posttest design. Group 1 was given the education intervention using module, group 2 was given the education intervention using MCH book, group 3 was given only in the form of module, and group 4 was given the intervention only in the form of MCH book. The research samples were as many as 78 people. Data collection instruments were in the forms of the questionnaire, USG, baby scales, and centimeter tape. Data were analysed using the Wilcoxon and Kruskal Wallis' tests.

Results: The research result indicated that there is an effect of the education on the knowledge change ($p=0.000$), attitude ($p=0.000$), behavior ($p=0.000$), fetal growth ($p=0.000$), birth weight (0,034), and body length (0,024). Module has the higher effectiveness in changing the mothers' pregnant behaviours.

Keywords: Education, Birth Weight, Body Length