ABSTRACT

The Effect Of Maternal Stimulation On 0-3 Years Old Children Development According To Maternal And Child Health Handbook: A Study On Raci Community Health Center, Pasuruan

Maternal and Child Health Handbook is one of references in children development stimulation. There was increasing numbers of children with developmental disorders in Raci Community Health Center, Pasuruan. The objective of this study was to examine the effect of maternal stimulation based on Maternal and Child Health Handbook on 0-3 years old children development. This study was an analytic observational study applying prospective cohort approach. The population of this study consisted of 110 mothers and 110 children aged between 0 and 3 years old while the samples of this study consisted of 100 mothers and 100 children aged between 0 and 3 years old chosen based on simple random sampling technique. The independent value of this study was maternal stimulation based on Maternal and Child Health Handbook while the dependent variable was child development as measured on Pre-Screening Development Questionnaire (Kuesioner Pra-Skrining Perkembangan/KPSP). Data were tested with Fisher's exact test ($\alpha = 5\%$, $df = 1$). The results showed that there was a correlation between maternal stimulation prescribed in Maternal and Child Health Handbook given by the mother on her 0-3 year old children development. Children receiving maternal stimulation as prescribed in Maternal and Child Health Handbook had 1.150 times greater chance to develop properly compared to children receiving less maternal stimulation. Based on this finding, it can be concluded that maternal stimulation prescribed in Maternal and Child Health Handbook might improve children development. Future studies should be conducted to investigate the effect of maternal stimulation according to other references.

Keywords: Children, Development, Maternal and Child Health Handbook, Mother, Pre-Screening Development Questionnaire, Maternal Stimulation