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Abstract

Child development is a process influenced by many factors, including exclusive breastfeeding, mothers’ education level and occupation. The purpose of this study was to determine the correlation between six months exclusive breastfeeding, maternal education level, occupation and KPSP score of six to twenty four month infants in Jagir primary health care (puskesmas), Surabaya.

This research was conducted using analytic observational study, from January to February 2014. Subjects were chosen randomly, included 6 to 24 month toddler, and excluded infants with a history of premature birth, low birth weight, requiring life support at birth, jaundice, having congenital disease, brain disorder and other chronic diseases and toddler with low-income-parents. Data were taken using questionnaires and KPSP form, and analyzed using Spearman Correlation and logistic regression. The result showed that there were 33 exclusively breastfed toddlers and another 27 without one. Most of them have mothers who graduated from high school and are jobless. Spearman correlation tests showed the correlation between exclusive breastfeeding and KPSP score (p = 0.001), between mothers’ occupation and KPSP score (p = 0.024), but no significant correlation between maternal education level and KPSP score. Non breastfed infants have KPSP score’s relative risk 9.5 times higher than breastfed infants, while the infants of jobless mothers have KPSP score’s relative risk 4.16 times higher than those working with mothers. (FMI 2015;51:66-73)

Keyword : exclusive, breastfeeding, maternal, education, maternal, occupation, KPSP, score,

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