

ABSTRACT

RELATION BETWEEN EXCLUSIVE BREASTFEEDING AND GROWTH-DEVELOPMENT AT 6-MONTHS INFANTS IN PUSKESMAS TENGGILIS

Tyas Maslakhatien Nuzula. Sundari Indah Wiyasihati. Mira Irmawati

Fakultas Kedokteran Universitas Airlangga

Introduction : Growth and development in infant are two things that are connected to each other and affected by many factors, such as nutrition. The best nutrition for an infant is breast-feed milk, in which WHO recommends for six months exclusively. This research aims to analyze the relation between exclusive breastfeeding with growth and development of 6-month infants.

Methods : This research was analytical research with cross-sectional design. The sample in this research were six-month infants that were given exclusive breastfeeding and non exclusive breastfeeding in posyandu puskesmas Tenggilis Surabaya. Infants's growth was assessed based on current nutritional status (Weight-for-age), while the infants's development was assessed based on KPSP and TDD. The result was analyzed with Fisher Exact Test

Results : The number of samples in this study was 45. There were 26,7 % infants with Exclusive breastfeeding. Infant that have normal growth was 91,1 %. While infants that have normal development was 88,9 % based on KPSP and 62,2 % based on TDD. The p value for the growth was 0,286. The p value for development was 0,598 based on KPSP and 0,743 based on TDD.

Conclusion : There was no relation between exclusive breastfeeding with growth based on current nutritional status at 6-month infants. And there was no relation between exclusive breastfeeding with development based on KPSP and TDD at 6 months infants.

Keywords : Exclusive breastfeeding, Growth and development