ABSTRACT

CORRELATION BETWEEN BREASTFEEDING OR/AND FORMULA FEEDING WITH NUTRITIONAL STATUS IN INFANTS IN TAMBAKSARI SURABAYA

Ayu Wandira

Breastmilk is essensial nutrition for infants because of its nutritions. Breastmilk contains proportional nutrition and immunity for infants. Because of its immunity, breastmilk can protect infants for infection disease. Infants who do not get an infection tend to have a stable or normal nutritional status. This study is to find the correlation between breastfeeding or/and formula feeding with nutritional status in infants. This observasional analytic study using total sample in posyandu Tambaksari Surabaya that fulfill the inclusion criteria such as the age must below 12 months, data in posyandu must be complete, normal birth weight, and not eat food except breastmilk or formula. A cross- sectional method using questionnare and records of posyandu is used in this study. The nutritional status of infants is calculated using weight/length through antropometry methods of WHO 2006. The result showed 46 infants (56.7%) from 81 infants become a sample. 60.9% are boy and 39.1% are girls. 41.3% are 0-6 months years old, 58.7% are 7-12 months.60.9% breastfed and 39.1% not breastfed. 8.7% underweight with 25% breastfed and 75% not breastfed. 6.5% slightly underweight with 66.7% breastfed and 33.3 not breastfed. 67.4% normal with 58.1% breastfed and 41.9% not breastfed. 17.4% obese with 87.5% breastfed and 12.5% not breastfed. Infants who breastfed tend to have a normal nutrional status. In conclusion, there is a correlation between breastfeeding or/and formula feeding with nutritional status in infants (p=0,032).

Keyword: breastmilk, breastfeeding, breastfed, formulamilk, formula feeding,nutritional status