

## Abstract

Nutrition status is a body condition resulted from use, absorption and utilizing food. In 2009 malnutrition case in Surabaya city was 1,39% and when compared with national target the poor nutrition prevalence had not been meeting national target of 1%. This research aimed to study relationship between knowledge, attitude, and behavior of women about nutrition care pattern and baby at age 0-12 month nutrition status in Mulyorejo Local Government Working Area, Surabaya.

Type of research was analytic descriptive by cross sectional approach. Population of research was 226 women who had baby at age 0-12 months registered 3 months have been performing observation in Mulyorejo Clinic and the sample was 70 women. This research was performed from November to December 2010. Dependent variable studied was baby nutrition status by measuring weight and height. Independent variables were knowledge, attitude and behavior of women about nutrition care pattern. Instrument for dependent variable was questionnaire where validity and reliability was performed previously. Data analysis used Chi Square statistical test and Rank Spearman correlation (Rs) with  $\alpha = 0,05$ , using SPSS v 16 program.

The result of the research showed that there was significant relationship between knowledge, attitude and behavior of women about nutrition care pattern and nutrition status found that 52,9% were normal, 61,4% of women had adequate knowledge about nutrition care status, women knowledge about nutrition care pattern ( $p = 0,07$ ,  $r = 0,322$ ), women attitude about nutrition care pattern ( $p = 0,000$ ,  $C = 0,541$ ), women behavior about nutrition care pattern ( $p = 0,000$ ,  $r = 0,779$ ) and baby at age 0-12 months nutrition status.

This research concluded that knowledge, attitude and behavior of women about nutrition care pattern had significant relationship with baby at age 0-12 month nutrition status. This research suggested effort needed to increase knowledge, attitude and behavior of women in nutrition care pattern especially on baby at age 0-12 months which included prelactal food/drink, colostrum, exclusive breastfeeding, MP-ASI, good weaning by providing comprehensive education to increase baby nutrition status.

**Keywords:** Knowledge, attitude, behavior, nutrition care pattern, nutrition status