THE CORALATION BETWEEN SANITATION FACILITIES AND PERSONAL HYGIENE WITH THE CASES OF DIARRHEA IN BREASTFEEDING TODDLERS IN SINABUNG POST-ERUPTION SETTLEMENTS, BERASTAGI DISTRICT, KARO REGENCY

by Irwansyah Lubis
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Abstract: The purpose of this study was to analyze the relationship between basic sanitation facilities and personal hygiene with the incidence of diarrhea in breastfeeding infants in Sinabung post-eruption settlement, Berastagi District, Karo Regency in 2021. This study was a quantitative study with a Cross Sectional Study design. Data analysis using chi-square test with a sample of 100 mothers who have toddlers aged 6-24 months. The results showed that the related variables were basic sanitation facilities (p=0.014) and hand hygiene (p=0.020) with the incidence of diarrhea in breastfeeding infants. Suggestions for this study to health workers are expected to carry out health promotion and education about basic sanitation and personal hygiene to mothers whose toddlers do not experience diarrhea to prevent an increase in cases of diarrhea and to provide treatment and education to mothers whose toddlers experience diarrhea so as not to occurrence of complications or severity of diarrhea to prevent death.

Keywords: Basic Sanitation Facilities, Personal Hygiene; Diarrhea

INTRODUCTION

Sanitation is an effort to monitor several aspects of the physical environment that affect living things, including problems that affect damage to physical development and their impact on health and survival. Sanitation is related to environmental health which can affect the degree of public health. This triggers are the poor sanitation, the poor environmental condition, and inadequate availability of clean water. Sanitation has an important role to realize the healthy life and it also is as a pillar to prevent various problems related to the environment.

From the report (WHO 2015) there are 2.4 billion people who use sanitation facilities below health standards. Data from (Ministry of Health of the Republic of Indonesia, 2018) the percentage from households that have access to proper sanitation is 69.27%. Based on these data, it can be assumed that the target of the Ministry of Health's basic sanitation plan has not been achieved, which is 75%. Inadequate environmental conditions are one of aspects to increase the incidence of
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