

## ***APPLICATION OF WATER TEPID SPONGE COMPRESS TO REDUCE BODY TEMPERATURE IN CHILDREN WITH HYPERTHERMIA***

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### ***ABSTRACT***

***Background:*** Children's health is important to pay attention to because their immune system is not yet fully developed and only reaches maturity at the age of 5–18 years. WHO data (2023) recorded 17 million cases fever per year globally, 70% which occurred in Asia. In Indonesia itself, highest prevalence occurs in children aged 1-4 years. Treatment of fever is divided into pharmacological and non-pharmacological. One of the effective nonpharmacological methods is the Water Tepid Sponge, which is a warm compress several points of the body to acceleratesig nificant decrease in the child's body temperature. ***Objective:*** To determine the results the implementation the application of Water Tepid Sponge compress to reduce body temperature in children who experience hyperthermia at UNS Hospital. ***Methods:*** This application uses descriptive method with a case study approach.

***Results:*** The results of this application showed that before the intervention was carried out, the respondent experienced abnormalities temperature in the child / hyperthermia, after application of Water Tepid Sponge the respondent experienced decrease results their body temperature. ***Conclusion:*** There was a difference in body temperature results before and after the Water Tepid Sponge technique was performed in pediatric patients who experienced hyperthermia.

***Keywords:*** Water Tepid Sponge, Hyperthermia