

***THE EFFECT OF ONION COMPRESS ON DECREASING BODY
TEMPERATURE IN CHILDREN WITH FEVER
AGED 1-5 YEARS***

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ABSTRACT

Background: Fever is an event where the body temperature is above normal resulting from the hypothalamic temperature control center which is influenced by interleukin-1 (IL-1). Normal body temperature is around 37.5°C. Fever is considered very high and potentially dangerous if it reaches 39°C. Fever in toddlers can be treated in several ways, one of which is through non-pharmacological methods such as shallots. The benefits of onion compresses to reduce body temperature in fever in children. The aim: is to find out whether there is an effect of onion compresses on children with fever. Research method: This research uses pre-experimental with One Group Pretest-Posttest Design. The sample of this research is 20 respondents. Data analysis used the Wilcoxon signed rank test. Research shows body temperature before treatment the average respondent has a body temperature of 37.868°C, after treatment the average respondent is 37.463°C, and the difference in body temperature before and after treatment is 0.377 °C Wilcoxon test results found that the p-value is 0.000 more smaller than the value ($p < 0.05$). Conclusion: there is an effect of giving red onion compresses to reducing body temperature in children with fever aged 1-5 years.

Keywords: *fever, children, onion compress*