

**THE EFFECT OF VIRGIN COCONUT OIL
ON REDUCING DIAPER RASH IN BABY AT CUS BABY SPA**

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ABSTRACT

Background: Diaper rash is a condition where infected skin is caused by exposure to urine and feces over a long period of time due to the use of disposable diapers, characterized by reddish skin color and swelling in the perineal area. Discomfort caused by diaper rash in babies such as fussiness, skin infections and affecting the baby's quality of life. Incidents that occur in Indonesia due to diaper rash are 7-35%. Giving virgin coconut oil (VCO) is one of the treatments to reduce the degree of diaper rash in babies because it contains antiviral, antibacterial, antibiotic and antiprotozoal. Give 2 ml in the morning and evening for 5 days. **Objective:** This research is to determine the effect of VCO on reducing diaper rash in babies. **Methods:** This research used a one group pretest-posttest design with 20 samples, conducted at Cus Baby Spa Bintaro on March 1-May 31 2024. **Result:** pre-test of giving VCO namely, 4 respondents with grade 3 diaper rash and 16 respondents with grade 1 and the results The posttest for giving VCO was 2 respondents with grade 2 diaper rash, 2 respondents with grade 1 and 16 respondents with grade 0. The analysis test using the Wilcoxon test showed that *Asymp.Sig (2-tailed)* had a value of 0.001 <0.05. **Conclusion:** There is an effect of giving virgin coconut oil on reducing diaper rash in babies.

Keywords: Diaper rash, virgin coconut oil