

## Pengaruh penggunaan virgin coconut oil (VCO) terhadap derajat ruam popok pada pasien anak balita di RSUP Fatmawati Jakarta = Effect of using virgin coconut oil (VCO) to degree of diaper rash in children in RSUP Fatmawati Jakarta

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### Abstrak

Insiden ruam popok pada balita di Indonesia mencapai 30% per tahun. VCO memiliki struktur biokimia yang baik untuk penyembuhan ruam popok. Penelitian ini bertujuan mengidentifikasi pengaruh VCO terhadap derajat ruam popok. Sebanyak 36 balita diambil secara consecutive sampling dan dibagi ke dalam kelompok intervensi dan kontrol. Desain penelitian ini adalah quasi-experimental dengan pretest-posttest control group. Instrumen penelitian menggunakan Diaper Dermatitis Severity Intensity Score (DDIS). Hasil penelitian menunjukkan terdapat perbedaan yang bermakna terhadap derajat ruam popok pada kelompok intervensi dan kelompok kontrol ( $p = 0,000$ ). Oleh karena itu, penggunaan VCO diharapkan dapat menjadi salah satu standar perawatan ruam popok pada balita.

*Incidence of diaper rash in Indonesia reached 30% per year. VCO has a biochemical structure that is good for healing wounds. This study aimed to identify the effect of VCO on the degree of diaper rash. A total of 36 children were taken by consecutive sampling and were divided into intervention and control groups. This study design is quasi-experimental with pretest-posttest control group. The research instrument used Diaper Dermatitis Severity Intensity Score (DDIS). The results showed there is a significant difference in the degree of diaper rash in the intervention group and the control group ( $p = 0.000$ ). Therefore, the use of VCO is expected to become one of the standard treatment of diaper rash in children under five.*