

PENGARUH PEMBERIAN MADU TERHADAP RESPON NYERI ANAK USIA SEKOLAH YANG DILAKUKAN TINDAKAN INVASIF DI RSUD WATES KULON PROGO

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INTISARI

Latar Belakang: Tindakan invasif merupakan tindakan yang menyakitkan dan salah satu faktor stress bagi anak semua usia karena menimbulkan nyeri. Apabila nyeri dan trauma dibiarkan maka akan berlangsung lama pada anak sehingga dapat mengganggu pertumbuhan dan perkembangan anak. Penatalaksanaan mengurangi nyeri pada anak dengan tindakan nonfarmakologi yang paling efektif adalah pemberian glukosa atau pemanis lainnya seperti madu karena madu mengandung *flavonoid* yang dapat menghambat nyeri.

Tujuan Penelitian: Mengetahui pengaruh pemberian madu terhadap respon nyeri anak usia sekolah yang dilakukan tindakan invasif di RSUD Wates Kulon Progo.

Metode Penelitian: Penelitian ini merupakan jenis penelitian eksperimen semu (*quasy experiment*) dengan rancangan *post-test only non equivalent control group design*. Uji statistik menggunakan uji nonparametrik yaitu uji *Mann Whitney* dengan tingkat kemaknaan $\alpha=0,05$. Teknik pengambilan sampel menggunakan *purposive sampling* sebanyak 34 orang. Madu yang digunakan adalah madu murni 100%. Madu diberikan 2 menit sebelum tindakan invasif sebanyak 5ml.

Hasil Penelitian: Hasil analisis menunjukkan *p value* 0,001 ($p<0,05$) artinya ada pengaruh pemberian madu terhadap respon nyeri anak usia sekolah yang dilakukan tindakan invasif di RSUD Wates Kulon Progo.

Kesimpulan: Madu memiliki pengaruh dalam menurunkan respon nyeri tindakan invasif.

Kata kunci: Tindakan invasif, Skala nyeri, Madu

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THE INFLUENCE OF HONEY APPLICATION ON PAIN RESPONSE IN SCHOOL-AGED CHILDREN DURING INVASIVE INTERVENTION IN RSUD WATES KULON PROGO

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ABSTRACT

Background: Invasive intervention is a painful process and one of stress factors for children due to its pain effect. Poor awareness on pain and trauma in children for a long period may cause obstacle in children's growth and development. The most effective pain relief management in children with non pharmacological intervention is glucose intake or other sugar substitutes such as honey which consists of flavonoid to relieve pain.

Objective: To identify The Influence of Honey Application on Pain Response in School-Aged Children during Invasive Intervention in Wates Regional General Hospital of Kulon Progo.

Method: The type of this study was quasy experiment with post-test and non equivalent control group design. Statistical test applied non-parametric test of Mann Whitney with significance level of $\alpha=0,05$. Samples were selected through purposive sampling technique as many as 34 respondents. The applied honey was pure 100% honey. Honey was administered 2 minutes prior to invasive intervention as many as 5 ml.

Result: The analysis result figured out p value of 0,001 ($p<0,05$) which indicated that there was an influence of Honey Application on Pain Response in School-Aged Children during Invasive Intervention in Wates Regional General Hospital of Kulon Progo.

Conclusion: Honey had an influence on relieving pain response of invasive intervention.

Keywords: Invasive intervention, Pain level, Honey

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