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**Efektivitas *Facilitated Tucking* Terhadap Nyeri Neonatus yang dilakukan
Injeksi Vitamin K di Ruang Bayi di RSUD Ratu Aji Putri Botung**

ABSTRAK

Latar Belakang : Bayi baru lahir mendapatkan perawatan salah satunya adalah pemberian vitamin K untuk sintesis beberapa faktor koagulasi. Pada bayi baru lahir karena kadar vitamin K yang ditransfer dari ibu ke anak melalui plasenta cukup rendah sehingga pemberian vitamin K dapat sangat penting melalui metode injeksi yang menimbulkan rasa sakit. Salah satu penatalaksanaan non farmakologi adalah *facilitated tucking*.

Tujuan Penelitian : Mengetahui efektivitas *facilitated tucking* terhadap nyeri neonatus yang dilakukan injeksi vitamin K di ruang bayi RSUD Ratu Aji Botung Penajam.

Metode : Penelitian ini termasuk pada penelitian quasi eksperimen, dengan pendekatan rancangan desain *two group posttest only design*. Populasi dalam penelitian ini adalah seluruh neonatus yang lahir normal yang dilakukan injeksi vitamin K di ruang bayi RSUD Ratu Aji Botung Penajam selama periode Desember 2026 sebanyak 84 bayi. Teknik pengambilan sampel menggunakan *consecutive sampling*, sampel sejumlah 20 orang dengan pembagian 10 sampel pada kelompok intervensi dan 10 sampel pada kelompok kontrol, Instrumen yang digunakan untuk mengobservasi respon nyeri adalah NIPS, teknik analisa data bivariat menggunakan uji Mann Whitney.

Hasil : Respon nyeri neonatus pada kelompok yang dilakukan sesuai memiliki nilai rata-rata (mean) 4,30, nilai standar deviasi 1,160, nilai minimal 3 dan nilai maksimal 6. Respon nyeri neonatus pada kelompok yang dilakukan *facilitated tucking* saat injeksi vitamin K memiliki nilai rata-rata (mean) 2,30, nilai standar deviasi 1,160, nilai minimal 1 dan nilai maksimal 4. Terdapat perbedaan skor nyeri neonatus yang dilakukan injeksi vitamin K antara kelompok kontrol dan kelompok intervensi di Ruang Bayi RSUD Ratu Aji Botung Penajam dengan nilai *p value* 0,001.

Kesimpulan : pelaksanaan teknik *facilitated tucking* memiliki dampak klinis yang bermakna dalam menurunkan ketidaknyamanan nyeri pada bayi saat injeksi vitamin K.

**Kata Kunci : *Facilitated Tucking*, Nyeri Neonatus yang dilakukan
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Kepustakaan : 43 (2019-2024)

**Midwifery Undergraduate
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**The Effectiveness of Facilitated Tucking on Neonatal Pain Following
Vitamin K Injection in the Infant Room at Ratu Aji Putri Botung
Regional Hospital**

ABSTRACT

Background: *Newborns receive care, including vitamin K administration for the synthesis of several coagulation factors. In newborns, because vitamin K levels transferred from mother to child through the placenta are quite low, administering vitamin K through a painful injection can be crucial. One non-pharmacological management method is facilitated tucking.*

Research Objective: *To determine the effectiveness of facilitated tucking on neonatal pain after vitamin K injection in the neonatal ward of Ratu Aji Botung General Hospital, Penajam Pasuruan.*

Methods: *This study was a quasi-experimental study, using a two-group posttest-only design. The population was all 84 neonates born normally who received vitamin K injection in the neonatal ward of Ratu Aji Botung General Hospital, Penajam Pasuruan, during December 2026. Consecutive sampling was used, with 20 samples divided into 10 in the intervention group and 10 in the control group. The instrument used to observe pain responses was the NIPS, and the bivariate data analysis technique used the Mann-Whitney test.*

Results: *The neonatal pain response in the group that received the appropriate treatment had a mean of 4.30, a standard deviation of 1.160, a minimum score of 3, and a maximum score of 6. The neonatal pain response in the group that received facilitated tucking during vitamin K injection had a mean of 2.30, a standard deviation of 1.160, a minimum score of 1, and a maximum score of 4. There was a difference in neonatal pain scores between the control and intervention groups in the Infant Room of Ratu Aji Botung Penajam Hospital with a p-value of 0.001.*

Conclusion: *The implementation of the facilitated tucking technique has a significant clinical impact in reducing pain discomfort in infants during vitamin K injection.*

Keywords: *Facilitated Tucking, Neonatal Pain Given Vitamin K Injection, Infants*
Bibliography: 43 (2019-2024)