

PENGARUH PEMBERIAN HASANIN PILLOW TERHADAP VISUALISASI GLOTIS PADA PASIEN GENERAL ANESTESI INTUBASI *ENDOTRACHEAL TUBE*

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ABSTRAK

Latar Belakang : Intubasi adalah pemasangan pipa ke jalan napas untuk mempertahankan *airway* dan ventilasi selama anestesi. Keberhasilannya bergantung pada visualisasi glotis optimal melalui penyelarasan sumbu oral, faring, dan laring.

Tujuan : Mengetahui pengaruh pemberian Hasanin Pillow terhadap visualisasi glotis pada pasien general anestesi intubasi *endotracheal tube*.

Metode : Penelitian *quasi experimental* dengan desain *post test only with control group* dilakukan pada pasien general anestesi dengan intubasi *endotracheal tube* di RSUD Banten periode Februari–April 2026. Sampel sebanyak 42 responden dipilih secara *simple random sampling* dan dianalisis menggunakan uji *Mann-Whitney*.

Hasil : Hasil analisis menggunakan uji *Mann-Whitney* diperoleh nilai *Mann-Whitney U* sebesar 36,000, nilai *Z* sebesar -4,811, dan nilai *Asymp. Sig. (2-tailed)* sebesar 0,000 ($p < 0,05$). Hasil tersebut menunjukkan terdapat perbedaan yang bermakna antara kelompok intervensi dan kelompok kontrol terhadap visualisasi glotis pada pasien yang dilakukan intubasi *endotracheal tube*. Nilai *Z* sebesar -4,811 menunjukkan adanya perbedaan yang kuat antara kedua kelompok penelitian. Berdasarkan nilai *mean rank*, kelompok kontrol memiliki nilai lebih tinggi yaitu 30,29 dibandingkan kelompok intervensi sebesar 12,71, sehingga dapat disimpulkan bahwa perlakuan yang diberikan berpengaruh terhadap visualisasi glotis pada pasien intubasi *endotracheal tube*.

Kesimpulan : Uji analisis statistik menunjukkan ada pengaruh signifikan penggunaan Hasanin Pillow terhadap visualisasi glotis.

Kata kunci : indeks massa tubuh, malampati, intubasi, Hasanin Pillow, visualisasi glotis

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THE EFFECT OF HASANIN PILLOW ADMINISTRATION ON GLOTTIC VISUALIZATION IN PATIENTS UNDERGOING GENERAL ANESTHESIA WITH ENDOTRACHEAL TUBE INTUBATION

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ABSTRACT

Background: Intubation is the insertion of a tube into the airway to maintain airway and ventilation during anesthesia. Its success depends on optimal glottic visualization through alignment of the oral, pharyngeal, and laryngeal axes.

Objective: To determine the effect of Hasanin Pillow administration on glottic visualization in patients undergoing general anesthesia and endotracheal tube intubation.

Methods: A quasi-experimental study with a post-test only design with a control group was conducted on general anesthesia patients undergoing endotracheal tube intubation at Banten Regional General Hospital from February to April 2026. A sample of 42 respondents was selected using simple random sampling and analyzed using the Mann-Whitney test.

Results: The analysis using the Mann-Whitney test yielded a Mann-Whitney U value of 36.000, a Z value of -4.811, and an Asymp. Sig. (2-tailed) value of 0.000 ($p < 0.05$). These results indicate a significant difference between the intervention and control groups in glottic visualization in patients undergoing endotracheal tube intubation. The Z value of -4.811 indicates a strong difference between the two study groups. Based on the mean rank, the control group had a higher score of 30.29 compared to the intervention group (12.71). Therefore, it can be concluded that the treatment provided had an effect on glottic visualization in patients undergoing endotracheal tube intubation.

Conclusion: Statistical analysis showed a significant effect of using the Hasanin Pillow on glottic visualization.

Keywords: body mass index, malampati, intubation, Hasanin Pillow, glottic visualization

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