

PERBEDAAN WAKTU PULIH SADAR PASCA INTERVENSI *RANGE OF MOTION* PASIF PADA PASIEN DENGAN *TOTAL INTRAVENOUS ANESTHESIA* (TIVA) DI RSUD KOTA SALATIGA

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ABSTRAK

Latar Belakang: Komplikasi yang sering terjadi pasca operasi meliputi waktu pulih sadar yang memanjang. ROM pasif dibutuhkan bagi pasien dengan pasca anestesi karena dapat berpengaruh terhadap berbagai sistem yang ada di dalam tubuh, seperti sistem kardiovaskuler, sistem pernafasan, dan sistem musculoskeletal sehingga dapat mempercepat waktu pulih sadar.

Tujuan: Mengetahui perbedaan waktu pulih sadar pasca intervensi ROM pasif pada pasien post operasi dengan TIVA.

Metode: Jenis penelitian kuasi eksperimen dengan *Non Equivalent Post-test Only with Control Group Design*. Pengambilan sampel menggunakan *consecutive sampling* dengan jumlah 40 responden terbagi menjadi kelompok intervensi dan pembandingan yang menjalani prosedur anestesi dengan TIVA. Data dianalisis menggunakan uji *Mann Whitney*.

Hasil: Terdapat perbedaan rata-rata waktu pulih sadar pada kelompok intervensi 10 menit 50 detik dan kelompok pembandingan 15 menit. Hasil analisis data menggunakan uji *nonparametric Mann Whitney* dengan *p value* $0.001 < 0.05$.

Kesimpulan: Ada perbedaan yang bermakna pada waktu pulih sadar pasca intervensi ROM pasif pada pasien post operasi dengan TIVA.

Kata Kunci: Waktu pulih sadar, *range of motion* pasif, *Total Intravenous Anesthesia* (TIVA)

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THE DIFFERENCES OF RECOVERY TIME POST PASSIVE RANGE OF
MOTION INTERVENTION IN PATIENTS WITH TOTAL INTRAVENOUS
ANESTHESIA (TIVA) AT SALATIGA CITY HOSPITAL

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ABSTRACT

Background: The frequent post-operative complications include prolonged conscious recovery times. Passive ROM is necessary for post-anesthesia patients because it can affect various systems in the body, such as the cardiovascular system, respiratory system, and musculoskeletal system so that it can speed up recovery time.

Objective: To determine the differences of recovery time after passive ROM intervention in post operative patients with TIVA.

Methods: This research is a quasi-experimental with Non Equivalent Post test Only Control Group Design. The sampling using consecutive sampling with a total of 40 respondents divided into intervention and comparison groups who underwent anesthesia procedures with TIVA. Data were analyzed using Mann Whitney.

Results: There was an average difference in conscious recovery time in the intervention group of 10 minutes 50 seconds and the comparison group of 15 minutes. The data analysis results using the nonparametric Mann Whitney test with a p value of $0.001 < 0.05$.

Conclusion: There is a significant differences of recovery time after passive ROM intervention in post operative patients with TIVA.

Keywords: recovery time, passive range of motion, Total Intravenous Anesthesia (TIVA)

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