

HUBUNGAN *PREHOSPITAL DELAY* DENGAN TINGKAT KEPARAHAN NEUROLOGIS PASIEN STROKE DI RSU HERMANA LEMBEAN

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Abstrak

Latar Belakang: Stroke adalah penyebab utama kecacatan dan kematian secara global. Penanganan cepat sangat penting untuk mengurangi dampak negatifnya. Semakin cepat pencegahan dan penanganan *prehospital* gejala awal stroke maka semakin rendah tingkat keparahan neurologis pasien.

Tujuan: Untuk mengetahui hubungan *prehospital delay* dengan tingkat keparahan neurologis pasien stroke di RSU Hermana Lembean

Metode: Penelitian ini menggunakan analisis retrospektif menggunakan data rekam medik. Pengambilan sampel menggunakan metode *non-probability sampling* dengan pendekatan *purposive sampling* dengan jumlah 188 sampel yang memenuhi kriteria penelitian. Uji statistik yang digunakan yaitu uji Rank Spearman. Waktu penelitian Februari-Juni 2024.

Hasil: Hasil penelitian menunjukkan bahwa rata-rata *prehospital delay* mayoritas responden di RSU Hermana Lembean yaitu ≤ 180 menit setelah gejala muncul dan mengalami tingkat keparahan neurologis yang ringan atau sedang. Berdasarkan hasil uji Rank Spearman antara *prehospital delay* dengan tingkat keparahan neurologis menunjukkan adanya hubungan yang signifikan dengan *p-value* = 0,033 dimana nilai $\alpha = 0,05$. Ini menunjukkan bahwa mayoritas responden merespons gejala stroke dengan cepat, mencari perawatan medis.

Kesimpulan: Terdapat hubungan yang bermakna antara *prehospital delay* dengan tingkat keparahan neurologis pasien stroke di RSU Hermana Lembean.

Kata Kunci: *PreHospital Delay*, Tingkat Keparahan Neurologis, Stroke

Kepustakaan: 32 Jurnal dan Buku/E-Book (tahun 2019-2024)

**RELATIONSHIP BETWEEN PREHOSPITAL DELAY WITH
NEUROLOGICAL SEVERITY OF STROKE PATIENTS
AT HERMANA LEMBEAN PUBLIC HOSPITAL**

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Abstract

Background: Stroke is a leading cause of disability and death globally. Rapid treatment is essential to reduce its negative impact. The faster the prevention and prehospital management of early stroke symptoms, the lower the neurological severity of the patient.

Objective: To determine the relationship between prehospital delay and neurological severity of stroke patients at Hermana Lembean Public Hospital

Methods: This research used retrospective analysis using medical record data. Sampling using non-probability sampling method with purposive sampling approach with a total of 188 samples that met the research criteria. The statistical test used was the Spearman Rank test. The research time was February-June 2024.

Results: The results showed that the average prehospital delay of the majority of respondents at Hermana Lembean Public Hospital was ≤ 180 minutes after symptoms appeared and experienced mild or moderate neurological severity. Based on the results of the Spearman Rank test between prehospital delay and neurological severity, there was a significant relationship with a p-value = 0.033 where the value of $\alpha = 0.05$. This indicated that the majority of respondents responded to stroke symptoms quickly, by seeking medical care.

Conclusion: There was a significant relationship between prehospital delay and neurological severity of stroke patients at Hermana Lembean Public

Keywords: Prehospital Delay, Neurological Severity, Stroke

Literature: 32 Journals and Books/E-books (year 2019-2024)

This translation has been checked and proven accurate.

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