

## ABSTRAK

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### HUBUNGAN *REVISED TRAUMA SCORE* (RTS) TERHADAP MORTALITAS PADA PASIEN MULTITRAUMA RS SILOAM LIPPO VILLAGE

**Latar belakang:** Multitrauma adalah cedera berat yang terjadi pada dua atau lebih bagian tubuh atau sistem organ yang dapat menyebabkan berbagai dampak secara fisik hingga kematian. *Revised Trauma Score* (RTS) adalah sistem penilaian trauma berdasarkan kondisi fisiologis. RTS sangat umum dilakukan ketika segera sebelum masuk rumah sakit atau ketika berada di ruang gawat darurat untuk menilai keparahan atau prognosis trauma.

**Tujuan Penelitian:** Penelitian ini dilakukan untuk mengetahui hubungan *Revised Trauma Score* (RTS) terhadap mortalitas pasien multitrauma di RS Siloam Lippo Village.

**Metode Penelitian:** Penelitian ini menggunakan desain studi *cross-sectional*. Pengambilan data diperoleh dari rekam medis pasien. Sebanyak 104 pasien dilakukan analisis kriteria inklusi dan eksklusi, kemudian didapatkan sebanyak 76 yang datanya dapat diolah dan 28 pasien lainnya memenuhi kriteria eksklusi. Data yang telah diperoleh kemudian diuji secara statistik menggunakan uji *chi-square*.

**Hasil Penelitian:** Berdasarkan hasil penelitian, ditunjukkan nilai  $P=0,000$  ( $p\text{-value} < 0,05$ ) dengan nilai OR (95% CI) = 50,400 (5,738-442,652).

**Simpulan:** Terdapat adanya hubungan yang signifikan antara *Revised Trauma Score* (RTS) dengan mortalitas pada pasien multitrauma di RS Siloam Lippo Village

**Jumlah kata:** 201

**Kata Kunci :** *Revised Trauma Score* (RTS), Multitrauma, Mortalitas

## ABSTRACT

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### ***CORRELATION BETWEEN REVISED TRAUMA SCORE (RTS) AND MORTALITY IN MULTIPLE TRAUMA PATIENTS IN SILOAM HOSPITAL LIPPO VILLAGE***

**Background:** Multiple trauma is a severe injury that occurs in two or more parts of the body or organ systems that can cause various physical impacts up to death. Revised Trauma Score (RTS) is a trauma scoring system based on physiological conditions. RTS is most commonly performed immediately prior to hospital admission or while in the emergency room to assess the severity or prognosis of trauma.

**Aim of Research:** This study was conducted to determine the relationship between the Revised Trauma Score (RTS) and the mortality of multiple trauma patients at Siloam Hospital Lippo Village.

**Methods:** This research used a cross-sectional study design. Data collection was obtained from the patient's medical records. A total of 104 patients were analyzed for inclusion and exclusion criteria, then 76 data were completed and 28 other patients met the exclusion criteria. The data that was obtained was then tested statistically using the chi-square test.

**Results:** Based on the research results, it is shown that the  $P$  value = 0.000 ( $p$ -value < 0.05) with an OR value (95% CI) = 50,400 (5,738-442,652).

**Conclusion:** There is a significant relationship between the Revised Trauma Score (RTS) and mortality in multitrauma patients at Siloam Lippo Village Hospital

**Word Count:** 227

**Keywords:** Revised Trauma Score (RTS), Multiple Trauma, Mortality