



## Trauma Analysis Related Injury Severity Score (Triss) in Predicting the Prognosis of Politrauma Patients in Adam Malik General Hospital

Rahmad Gunawan<sup>1\*</sup>, Heru Rahmadhany<sup>2</sup>, Iman Dwi Winanto<sup>3</sup>

<sup>1</sup>Resident of Orthopaedic and Traumatology, Faculty of Medicine Universitas Sumatera Utara/ Haji Adam Malik Hospital-Medan, Indonesia

<sup>1</sup>Consultant of Orthopaedic and Traumatology, Spine Division, Faculty of Medicine Universitas Sumatera Utara/ Haji Adam Malik Hospital-Medan, Indonesia

<sup>3</sup>Consultant of Orthopaedic and Traumatology, Pediatric Division, Faculty of Medicine Universitas Sumatera Utara/ Haji Adam Malik Hospital-Medan, Indonesia

**Abstract : Objective :** The purpose of this study was to analyze the ability of TRISS in predicting the prognosis of polytrauma patients in the Haji Adam Malik General Hospital Medan, January 2016 to December 2018.

**Material and Method :** This type of research is an analytic study with cross sectional design, which is a study by measuring independent variables and dependent variables at the same time, which aims to analyze the ability of TRISS in predicting the prognosis of patients in Haji Adam Malik General Hospital Medan January 2016 to December 2018.

**Results :** From January 2016 - December 2018, a total 175 polytrauma patients which mostly was adult patient (>18 y.o) observed. Based on sex, referral status and diagnosis, patients with polytrauma dominated in patients with male sex (143 patients), referred patient (68 patients) and diagnosed with head injury (29 patients).

**Conclusion :** There is an influence between TRISS Score on the prognosis of polytrauma patients.

**Keywords :** TIRSS, polytrauma, trauma, trauma prognosis.

Rahmad Gunawan *et al* / International Journal of PharmTech Research, 2020,13(1): 97-104.

DOI= <http://dx.doi.org/10.20902/IJPTR.2019.130111>

\*\*\*\*\*