



Characteristics of Patients with Pelvis injury in General Hospital of Haji Adam Malik Medan

Irfan Ritonga^{*1}, Chairiandi Siregar²

¹Resident of Orthopaedic & Traumatology, Faculty of Medicine University of Sumatera Utara/ Haji Adam Malik General Hospital-Medan, Indonesia

²Consultant of Orthopaedic and Traumatology, Musculoskeletal Oncology Division, Faculty of Medicine University of Sumatera Utara/ Haji Adam Malik General Hospital-Medan, Indonesia

Abstract : Objective- Fractures and injuries to the pelvic ring may be associated with severe trauma and other associated injuries. This study aims to determine the characteristics of patients with pelvic injury in Adam Malik Haji General Hospital Medan. **Material and Method-**The type of research conducted is a retrospective descriptive research method. This study was conducted in Medan Haji Adam Malik Hospital based on medical records of traumatic pelvic injury patients during the period of January 2016 - December 2017. The data used is secondary data taken from the records in the patient's medical record. The collected medical and demographic data is tabulated and presented in the form of a frequency distribution diagram or table and analyzed descriptively using total sampling. **Results-** During the period of research found from the medical record data of Medan Haji Adam Malik Hospital, there were 59 subjects with women as many as 18 subjects (30.5%) and 41 people (69.5%). . From the data collected, it was found that patients with a kindergarten background of 2 (16.9%), SD as many as 10 (16.9%) people, SMP as many as 8 (13.6%) people, high school as many as 25 (42, 4%) people, 10 (16.9%) people, and 4 (6.8%) people who don't go to school. Patients with tile type A1 total 12 patients (20.3%), tile type A2 as many as 18 people (30.5%), tile type B1 as many as 10 (16.9%), type tile B2 as many as 9 people (15.3 %), C1 tile type as many as 6 people (10.2%), C2 tile type as much as 1 (1.7%), and C3 tile type as much as 1 (1.7%). Patients with APC 1 compression type as many as 7 (11.9%) people, APC 2 as many as 13 (22%) people, APC 3 as many as 3 (5.1%) people, LC1 as many as 21 (35.6%) people, LC2 11 (18.6%) people, LC3 as many as 1 (1.7%) people, undefined as many as 2 (3.4%) people, and VS as many as 1 (1.7%) people. **Conclusion-** Patients who experience pelvic injuries are mostly male with an age range of 4-80 years. In terms of level of education, most patients are at the level of high school education. The most common mechanism of injury in pelvic injuries is lateral compression. The most common for tile classification is A2. Other most frequent injuries are lower limb fractures and the most common treatment for pelvic injuries are conservatives treatment.

Keywords : Pelvic fracture, trauma, characteristics, injury.

Irfan Ritonga *et al* / International Journal of PharmTech Research, 2020,13(2): 103-109.

DOI= <http://dx.doi.org/10.20902/IJPTR.2019.130213>
