



The Characteristics of Bladder Stones in Adult Patients at Haji Adam Malik General Hospital from 2013 to 2015

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Abstract : Introduction. The purpose of this study is to know the characteristics of bladder stones in adult patients at H. Adam Malik General Hospital Medan from year 2013-2015. **Methods.** This study used a retrospective descriptive method conducted in the Department of Surgery, Division of Urology, H. Adam Malik General Hospital Medan from January 1, 2013 to December 31, 2015. Data taken from medical records of inpatients and outpatients \geq 18 years with a diagnosis of bladder stones. **Results.** Characteristics of adult bladder patient in RSUP H. Adam Malik Medan year 2013-2015 according to male gender 44 people (84.6%) and woman 8 people (15.4%), according to age most age range 61-65 years old, ie 8 people (15.4%), according to the type of work most of them are self-employed 24 people (46.1%), according to the most recent high school education 31 people (59.6%), according to religion most is Islam 29 people (55.8%), according to the majority area came from Medan City 15 people (28.8%), according to most clinical symptom is dysuria symptoms 35 people (67.3%) followed by hematuria 28 people (53.8%), 1 stones are 46 people (88.5%), according to stone size most stone size \leq 25 mm (61.5%), while stone size $>$ 25 mm there are 20 people (38.5%), according to comorbid most of BPH 18 persons (34.6%), without comorbid 6 people (19.2%), according to the type of action most lithotripsy 27 people (51.9%), while vesicolithotomy 20 people (38.5%). **Conclusion.** Characteristics of bladder stone in adult patient at H. Adam Malik General Hospital Medan year 2013-2015 which is mostly by male gender 84.6%, age range 61-65 years old 15.4%, type of job entrepreneur 46.1%, last education High school 59.6%, Islamic religion 55.8%, area of Medan city 28.8%, clinical dysuria 67.3%, number of stones 1 for 88.5%, stone size \leq 25 mm 61.5%, comorbid BPH 34.6%, and type of lithotripsy action 51.9% .

Keywords : Characteristics, bladder stones, H. Adam Malik General Hospital Medan.