

Characteristics of PSOAS Abscess in Patient with Tuberculosis spondylitis from 2016 to 2018 in Haji Adam Malik General Hospital Medan

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Abstract : Objective- Psoas abscess one of rare manifestation of tuberculosis spondylitis. 5% of cases will develop psoas abscess and can increase the number of morbidity and mortality if the diagnosis and treatment were late. **Material and Method-** This is a cross sectional study to determine characteristics of psoas abscess in patient with tuberculosis spondylitis. The data is taken from patient's medical record in Haji Adam Malik General Hospital from January 2016 to Desember 2018. The Population of this study is all the patients with tuberculosis spondylitis who come to Emergency Department or Outpatient Clinic. The collected data is tabulated and presented in the form of a frequency distribution diagram or table and analysed descriptively using total sampling. **Results-** The Subject for this study are 13 patients, within the proportion 5 patients are male (38.5%) and 8 patients are female (61.5%). The data show 5 patients have the ages < 18 years old (38.5%) and 8 patients have the ages > 18 years old (61.5%). All the patients get antituberculosis drugs as non operative treatment and 11 patients (84.6%) get an additional operative treatment for drainage the abscess. The site of psoas abscess in this study, 3 patients developed in thoracolumbal region (21.7%), 7 patients developed in lumbar region (53.8%) and 3 patients developed in lumbosacral region (21.7%). **Conclusion-** from this study we conclude that the incidence are happened in female more common than male, it usually affects young adult >18 years old and the common site of psoas abscess is lumbar region.

Keywords : Psoas abscess, Pott's Disease, tuberculosis spondylitis, lumbar abscess.

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