

## 045. The Prevalence and Overview of Cholelithiasis at Achmad Mochtar Hospital, Bukittinggi

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### ABSTRACT

**Background:** Cholelithiasis (gallstone disease) is one of the most common diseases of the digestive tract.<sup>1</sup> The incidence of Cholelithiasis in Indonesia certainly unknown, in China the incidence of all diseases is 10.7% and in Asia 3-10%.<sup>2</sup> The risk factors for cholelithiasis have been generally known, namely the four "F": female, fat, forty, and fertile, (female, obesity, age 40 years, fertile age).<sup>3</sup> Achmad Mochtar Hospital is a Provincial Hospital located in Bukittinggi city area which is famous for its history and cuisine. This study aims to obtain a profile of Cholelithiasis within the scope of Achmad Mochtar Hospital Bukittinggi. **Methods:** This study is a descriptive cross-sectional study. The subjects of the study were taken from medical record data of Cholelithiasis patients at Achmad Mochtar Hospital Bukittinggi in August 2023 - June 2024 that get in the inclusion criteria, all Cholelithiasis patients recorded in the medical records at Achmad Mochtar Hospital Bukittinggi in August 2023 - June 2024. The research variables are age, gender, and patient address. All data obtained are then analyzed using SPSS version 23 for Windows. **Results:** the results of the study obtained a total of 197 patients with ages <40: 56 (28%), and >40 : 141 (72%). The majority of patients are women 125 (63%) and men 72 (36%), demographically the most patients are from the Bukittinggi city (26%). **Conclusion:** Cholelithiasis patient at Achmad Mochtar Hospital Bukittinggi August 2023 - June 2024 were 197 people, the majority were aged >40 years with women being the most patient and a lot of patient come from Bukittinggi suspected because Bukittinggi is tourism city.

**Keywords:** Cholelithiasis, Prevalence, Achmad Mochtar Hospital

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