

**ABSTRACT**

*Description of the Incidence of Pathological Flour Albus in IUD Acceptors at PKBI Clinic of East Java*

*Pathological flour albus is one manifestation of symptom infectious disease. It is caused by an imbalance of the normal vaginal flora, resulting by fungi, bacteria, and viruses. Several studies have shown that incidence rate is higher in Intra Uterine Device (IUD) acceptors. Other factors related to pathological vaginal discharge was sexual behavior, vaginal douching, and vaginal hygiene. The aim of this study was to determine the incidence of pathological flour albus in IUD acceptors at PKBI Clinic of East Java.*

*This was descriptive study. The sample was 20 IUD acceptors at PKBI Clinic of East Java in January-August 2016, according to the inclusion criteria by consecutive sampling. Variables of this study include incidence pathological flour albus, IUD type, long the use of IUD, practiced hygiene during menstruation, vaginal douching, and frequency sexual intercourse. The collection of data by questionnaire, vaginal swab examination, and medical record.*

*The result of this study showed that 3 (15%) of 20 respondents had pathological flour albus. It was higher on respondents who used IUD type Nova T (66,7%), long the use of IUD more than equal to 1 year (66,7%), practiced hygiene during menstruation with the frequency of the sanitary napkins less than 4 times a day (100%), had done vaginal douching (66,7%), and frequency sexual intercourse less than the same as 3 times a week (100%).*

*The conclusion of this study was incidence of pathological flour albus (especially bacterial vaginosis) were three IUD acceptors (15%). In this study, factors that caused pathological flour albus included IUD type, long the use of IUD, practiced hygiene during menstruation with the frequency of the sanitary napkins, vaginal douching, and frequency sexual intercourse.*

***Keywords: pathological flour albus, IUD***