

## **ABSTRACT**

***Fitri, Rosdiana Sagita, 2025. The Effect of Using the Injectable Contraceptive Calendar Application on the Compliance of One-Month Injectable Contraceptive Acceptors in Attending Follow-Up Visits. Undergraduate Thesis. Applied Bachelor Program in Midwifery, Poltekkes Kemenkes Malang. Supervisor: Suprpti, S.ST., M.Kes***

*One-month injectable contraception requires high adherence to ensure optimal effectiveness. Unfortunately, many acceptors are late for follow-up visits due to forgetfulness or the lack of a reminder system. This study aims to determine the effect of using the KB Injection Calendar Application on the compliance of follow-up visits among one-month injectable contraceptive acceptors. The research design used was a quasi-experiment with a non-equivalent control group approach. A total of 40 samples were divided into two groups using purposive sampling. The results showed an increase in compliance in the intervention group by 30%, compared to 10% in the control group. The Wilcoxon test indicated a significant difference before and after in both groups, namely the intervention group ( $p = 0.001$ ) and the control group ( $p = 0.026$ ). The Mann-Whitney test showed a significant difference between groups ( $p = 0.001$ ). The analysis showed that the use of the KB Injection Calendar Application significantly affected the improvement of follow-up compliance among one-month injectable contraceptive acceptors. Therefore, the KB Injection Calendar Application has proven effective in increasing acceptor compliance and can serve as a digital innovation to support the success of the one-month injectable contraceptive program by minimizing delays due to forgetfulness and other issues.*

***Keywords: KB Injection Calendar Application, One-month injectable contraception, Follow-up visit compliance***