ANALYSIS OF BARRIERS TO THE IMPLEMENTATION OF ELECTRONIK MEDICAL RECORDS: A REVIEW FROM THE PERSPECTIVE OF NURSES AND MIDWIVES IN THE INPATIENT UNIT OF RSUD BANGIL

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ABSTRACT

Background: The implementation of Electronic Medical Records (EMR) at RSUD Bangil has been running since June 2023 using a hybrid system applied in Mawar and Alamanda rooms. The implementation of EMR is still limited to the Integrated Patient Progress Notes form and the initial patient assessment form, adjusted to the needs of the maternal and child unit. Operational challenges such as double job and limited EMR features are issues that need to be addressed to ensure readiness for full EMR implementation. The purpose of this study is to analyze the barriers to the implementation of electronic medical records from the perspective of nurses and midwives in the inpatient unit of RSUD Bangil based on performance expectancy, effort expectancy, social influence, and facilitating conditions. **Research method**: This is a descriptive quantitative study using a questionnaire as the instrument, conducted through interviews with 80 respondents. **Results**: Based on the perspectives of nurses and midwives, 97.5% stated that EMR facilitates their work, 100% said it is easy to operate, 97.5% recognized social influence of social factors in EMR implementation, and 96.25% stated that facilitating conditions support the implementation of EMR. However, challenge such as double job due to the hybrid system, lack of understanding among nurses and midwives regarding EMR, and the readiness of IT staff in providing system features and user accounts. **Conclusion**: The implementation of EMR at RSUD Bangil, based on the questionnaire result from nurses and midwives is considered quite good but can be further improved. Efforts should be made to accelerate full EMR implementation, provide socialization and training, and optimize technology to enhance the effectiveness of healthcare service.

Keywords:
Electronic Medical Records, Implementation, Perspectives, Nurse, Midwife