Analysis of Readiness for Implementation of Electronic Medical Record in Hospital: Literature Review

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ABSTRACT

Based on previous research data on the readiness to implement Electronic Medical Record (EMR) application in hospital, there are several shortcoming, namely the absence of Standard Operate Procedure (SOP), the formation of a special team, the lack of strategies to accelerate the implementation of the EMR, and respondent not having a strong understanding about EMR and its benefits. A readiness assessment prior to EMR implementation can help identify process and priority scales, as well as establish operational functions to support optimization when implementing EMR. The purpose of this study was to analyze hospitals readiness to implement EMR. This research method is literature review. The results of this study are based on a review of the readiness to implement EMR, the highest of 7 articles (64%) on aspects of human resources (HR) hospitals already know the benefits of EMR and hospital leader are committed to implementing EMR. While the lowest EMR implementation readiness is 1 articles (9%) on aspect of the hospital has made SOP related to EMR. The conclusion of this study is that the readiness to implement EMR in hospitals can be improved through forming a special team, providing socializaion and training to HR, making SOP and providing hardware, software, and IT staff. Suggestions in this study are that the medical records unit and IT staff need to carry out socialization, training, and mentoring periodically, also hospital leaders form a special tem and provide hardware, software and IT staff.

Keywords*: Electronic Medical Record, Hospital, Implementation, Readiness.*