ABSTRACT

IMPLEMENTATION OF ELECTRONIC MEDICAL RECORDS IN PEDIATRIC HEALTHCARE SERVICES AT PERTIWI REGIONAL MOTHER AND CHILD HOSPITAL

Author : Wenni
Supervisors : Lukman Samboteng
Wahyu Nurdiansyah N

*Implementing Electronic Medical Records (*Rekam Medis Elektronik *or* RME*) in pediatric healthcare services faces challenges related to user capability, organizational support, and technological readiness. This study aims to analyze EMR implementation at* Pertiwi *Regional Mother and Child Hospital (*RSKD Ibu dan Anak Pertiwi*) based on the Human, Organization, Technology–Fit (HOT-Fit) model.*

This study applied a descriptive qualitative approach with data collection techniques utilizing interviews, observation, and document review.

The results of the study show that in the Human component, staff proficiency in utilizing EMR is uneven, training has not been sustainable, and workload affects the completeness and timeliness of data entry. In the Organization component, Standard Operating Procedures (SOPs) and inter-unit coordination support EMR implementation, yet document completeness and the timely return of medical records within 2x24 hours post-discharge remain persistent obstacles. In the Technology component, SIMGOS V2 supports data entry, diagnosis coding, information retrieval, and inter-unit service integration, although technical constraints and network instability still occur. In conclusion, the implementation of EMR has supported information management and the documentation of pediatric healthcare services, yet remains suboptimal. Continuous training, strengthened coordination and documentation monitoring, as well as periodic system evaluation and maintenance, are required.

Keywords: Electronic Medical Records, SIMGOS V2, HOT-Fit, Pediatric Healthcare Services.

Translated by:
The AgencyES
Language Institute
File No.: 943-S2-226054