

**PROGRAM STUDI SARJANA TERAPAN MANAJEMEN INFORMASI
KESEHATAN UNIVERSITAS IMELDA MEDAN**

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Judul : **Evaluasi Desain Rekam Medis Elektronik Sesuai Standar Variabel
Dan Meta Data Di Rumah Sakit Sabang Merauke *Eye Center*
(Smec) Medan Tahun 2025**

ABSTRAK

Setiap fasilitas pelayanan kesehatan memerlukan Rekam Medis Elektronik (RME) yang mampu berkompatibilitas dan/atau interoperabilitas agar dapat bekerja secara terpadu, melakukan komunikasi, atau pertukaran data, sehingga harus mengikuti variabel dan meta data yang ditetapkan oleh Kementerian Kesehatan. Tujuan penelitian ini adalah untuk mengevaluasi kesesuaian variabel dan meta data pada RME di Rumah Sakit Sabang Merauke *Eye Center* (SMEC) Medan. Metode yang digunakan adalah pendekatan kualitatif dengan wawancara dan observasi. Penelitian ini dilakukan pada bulan Mei-Juli 2025. Metode pengumpulan data dilakukan menggunakan lembar observasi dengan cara membandingkan variabel dan meta data yang terdapat pada RME UGD, Rawat Jalan, Rawat Inap, Laboratorium, dan Apotek di Rumah Sakit SMEC Medan sesuai dengan KMK HK.01.07/MENKES/1423/2022. Hasil penelitian ini menunjukkan kesesuaian variabel lembar identitas UGD (29,5), Rawat Jalan (33,4%), dan Rawat Inap (29,5%). Sementara itu, RME laboratorium tidak dapat dievaluasi karena tidak tersedia layanan tersebut. Kesesuaian pada RME apotek (47,7%). Dapat disimpulkan bahwa persentase kesesuaian variabel dan meta data di Rumah Sakit SMEC Medan Pada RME UGD yaitu 47%, RME Rawat Jalan 61,5%, RME Rawat Inap 57,3%, RME Laboratorium 0%, RME Apotek 41%. Penelitian ini merekomendasikan perlunya perbaikan sistem RME untuk meningkatkan kesesuaian dengan standar yang telah ditetapkan.

Kata Kunci : Variabel dan Meta data, RME, Interoperabilitas, Kementerian Kesehatan.

Daftar Pustaka: 17 (2020-2025)

**APPLIED BACHELOR PROGRAM MANAGEMENT OF HEALTH
INFORMATION IMELDA MEDAN UNIVERSITY**

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**Title : An Evaluation of the Electronic Medical Record Design Based on
Variable and Metadata Standards at Sabang Merauke Eye
Center
(SMEC) Hospital Medan, 2025**

ABSTRACT

Every healthcare facility requires an Electronic Medical Record (EMR) system that ensures compatibility and/or interoperability in order to operate in an integrated manner, enable communication, and allow for data exchange. Therefore, EMR systems must comply with the variables and metadata established by the Ministry of Health. The purpose of this study was to evaluate the conformity of variables and metadata in the EMR at Sabang Merauke Eye Center (SMEC) Hospital Medan. This research employed a qualitative approach using interviews and observation. The study was conducted from May to July 2025. Data were collected using observation sheets by comparing the variables and metadata contained in the EMRs of the Emergency Department, Outpatient, Inpatient, Laboratory, and Pharmacy units at SMEC Hospital Medan in accordance with MINISTRY OF HEALTH DECREE No. HK.01.07/MENKES/1423/2022. The findings indicate conformity of variables in the identity forms of the Emergency Department (29.5%), Outpatient (33.4%), and Inpatient (29.5%). Meanwhile, the Laboratory EMR could not be evaluated as the service was unavailable. The conformity of the Pharmacy EMR was 47.7%. In summary, the percentage of conformity of variables and metadata in the EMRs at SMEC Hospital Medan was as follows: Emergency Department 47%, Outpatient 61.5%, Inpatient 57.3%, Laboratory 0%, and Pharmacy 41%. This study concludes that while certain EMR components already align with the required standards, improvements are still necessary. It is recommended to enhance the EMR system to increase compliance with the established standards and ensure better interoperability across hospital units.

Keywords : Variables and Metadata; Electronic Medical Record (EMR);
Interoperability; Ministry of Health

References : 17 (2020–2025)

