

**ANALYSIS OF THE SUITABILITY OF VARIABLES AND META DATA
OF OUTPATIENT ELECTRONIC MEDICAL RECORDS AT UPTD
PUSKESMAS BANTUL II BASED ON THE KEPMENKES RI
NUMBER HK.01.07/MENKES/1423/2022**

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ABSTRACT

Background: *The use of electronic medical records must comply with regulations, such as the Decree of the Minister of Health of the Republic of Indonesia Number 01.07/Menkes/1423/2022, which aims to ensure uniformity and consistency of data and effective integration of health information systems. Inconsistencies in variables and metadata in outpatient electronic medical records can have a negative impact on the quality of service, including difficulty in data processing, decision-making errors, and violations of patient privacy. Therefore, the implementation of electronic medical records must comply with the guidelines set by the Ministry of Health of the Republic of Indonesia.*

Objective: *To determine the identification and percentage of compliance of variables and metadata in the outpatient Electronic Medical Records of UPTD Puskesmas Bantul II.*

Method: *This study used a quantitative research type with a descriptive observational research design. This study was conducted in February-April 2025. The data collection method used a checklist sheet by comparing the metadata variables in the outpatient Electronic Medical Records database of UPTD Puskesmas Bantul II with the metadata variables in KMK HK.01.07/MENKES/1423/2022.*

Results: *The results of this study indicate that there are still discrepancies in the electronic medical record meta data variables of the Bantul II Health Center UPTD. The percentage of conformity is 46% with the indicators present and appropriate, 11% for the indicators present and not yet appropriate, and 43% with the indicators not present.*

Conclusion: *Variable and meta data discrepancies were found in the outpatient unit, laboratory, and pharmacy, with a percentage of indicators indicating problems in data and format/value conformity. Several important variables, such as General Consent, newborn identity, laboratory register number, and medical history, were also missing.*

Keywords: *Meta data, Electronic medical records, variable conformity*

**ANALISIS KESESUAIAN VARIABEL DAN META DATA REKAM MEDIS
ELEKTRONIK RAWAT JALAN DI UPTD PUSKESMAS BANTUL II
BERDASARKAN KEPMENKES RI NOMOR
HK.01.07/MENKES/1423/2022**

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ABSTRAK

Latar Belakang: Pemanfaatan rekam medis elektronik harus mengikuti peraturan, seperti Keputusan Menteri Kesehatan RI Nomor 01.07/Menkes/1423/2022, yang bertujuan untuk memastikan keseragaman dan konsistensi data serta integrasi sistem informasi kesehatan yang efektif. Ketidaksesuaian dalam variabel dan meta data pada rekam medis elektronik rawat jalan dapat berdampak negatif pada kualitas pelayanan, termasuk kesulitan pengolahan data, kesalahan pengambilan keputusan, dan pelanggaran privasi pasien. Oleh karena itu, penyelenggaraan rekam medis elektronik harus mematuhi pedoman yang ditetapkan oleh Kementerian Kesehatan RI.

Tujuan: Diketahui identifikasi dan persentase kesesuaian variabel dan meta data pada Rekam Medis Elektronik rawat jalan UPTD Puskesmas Bantul II

Metode: Pada penelitian ini menggunakan jenis penelitian kuantitatif dengan desain penelitian observasional deskriptif. Penelitian ini dilakukan pada Bulan Februari-April 2025. Metode pengumpulan data menggunakan lembar *checklist* dengan cara membandingkan variabel meta data dalam *database* Rekam Medis Elektronik rawat jalan UPTD Puskesmas Bantul II dengan variabel meta data pada KMK HK.01.07/MENKES/1423/2022.

Hasil: Hasil penelitian ini menunjukkan masih adanya ketidaksesuaian pada variabel meta data Rekam Medis Elektronik UPTD Puskesmas Bantul II. Persentase kesesuaian yaitu 46% dengan indikator ada dan sesuai, 11% untuk indikator ada dan belum sesuai, dan 43% dengan indikator tidak ada.

Kesimpulan: Ketidaksesuaian variabel dan meta data ditemukan di unit rawat jalan, laboratorium, dan apotek, dengan persentase indikator yang menunjukkan adanya masalah dalam kesesuaian data dan format/*value*. Beberapa variabel penting, seperti Persetujuan umum, identitas bayi baru lahir, nomor register laboratorium, dan riwayat penyakit, juga tidak ada.

Kata Kunci: Meta data, Rekam medis elektronik, kesesuaian variabel