QUALITY ANALYSIS OF OUTPATIENT ELECTRONIC MEDICAL RECORD SYSTEM USING MCCALL METHOD AT WONOSARI HOSPITAL IN 2024

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ABSTRACT

Background: *RSUD Wonosari has implemented electronic medical records in outpatient services. An electronic medical record system in order to produce output in the form of information, a quality information system is needed to process the data. System quality is one of the most important factors in measuring the success of information systems. This system quality measurement is carried out using the McCall method on product operation aspects which include correctness, reliability, efficiency, integrity, and usability.*

Purpose: *To determine the quality of the outpatient electronic medical record system using the McCall method at Wonosari Regional Hospital.*

Research Method: *This study used a quantitative approach in the form of descriptive research. The subjects in this study were users of outpatient electronic medical records at Wonosari Regional Hospital totalling 65 people. Data collection methods using questionnaires.*

Research Result: *The results showed that the quality of the outpatient electronic medical record system at Wonosari Regional Hospital in 2024, in the correctness factor produced a quality value of 79.7% (good), the reliability factor produced a quality value of 81.3% (very good), the efficiency factor produced a quality value of 81.2% (very good), the integrity factor produced a quality value of 84.9% (very good), and the usability factor produced a quality value of 81.3% (very good).*

Conclusion: *The quality of the outpatient electronic medical record system at Wonosari Regional Hospital in 2024 is good.*

Keywords: *system quality, electronic medical record, McCall*

ANALISIS KUALITAS SISTEM REKAM MEDIS ELEKTRONIK RAWAT JALAN MENGGUNAKAN METODE MCCALL DI RSUD WONOSARI TAHUN 2024

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ABSTRAK

Latar Belakang: RSUD Wonosari telah mengimplementasikan rekam medis elektronik pada pelayanan rawat jalan. Suatu sistem rekam medis elektronik agar dapat menghasilkan *output* berupa informasi, diperlukan sistem informasi yang berkualitas untuk memproses data. Kualitas sistem menjadi salah satu faktor yang paling penting dalam mengukur kesuksesan sistem informasi. Pengukuran kualitas sistem ini dilakukan menggunakan metode McCall pada aspek *product operation* yang meliputi, *correctness* (ketepatan), *reliability* (keandalan), *efficiency* (efisiensi), *integrity* (integritas), dan *usability* (kegunaan).

Tujuan: Mengetahui kualitas sistem rekam medis elektronik rawat jalan menggunakan metode McCall di RSUD Wonosari.

Metode: Penelitian ini menggunakan pendekatan kuantitatif berbentuk penelitian deskriptif. Subjek dalam penelitian ini yaitu pengguna rekam medis elektronik rawat jalan di RSUD Wonosari sejumlah 65 orang. Metode pengumpulan data menggunakan kuesioner.

Hasil: Hasil penelitian menunjukkan bahwa kualitas sistem rekam medis elektronik rawat jalan di RSUD Wonosari tahun 2024, pada faktor *correctness* menghasilkan nilai kualitas 79,7% (baik), faktor *reliability* menghasilkan nilai kualitas 81,3% (sangat baik), faktor *efficiency* menghasilkan nilai kualitas 81,2% (sangat baik), faktor *integrity* menghasilkan nilai kualitas 84,9% (sangat baik), dan faktor *usability* menghasilkan nilai kualitas 81,3% (sangat baik).

Kesimpulan: Kualitas sistem rekam medis elektronik rawat jalan di RSUD Wonosari tahun 2024 sudah baik.

Kata kunci: kualitas sistem, rekam medis elektronik, McCall