

**Analisis Implementasi Sistem Informasi Manajemen Rumah Sakit
Menggunakan Modifikasi Model Terintegrasi dan Implikasinya Terhadap
Kualitas Rekam Medis Elektronik**
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ABSTRAK

Penerapan rekam medis elektronik rawat inap melalui sistem informasi manajemen rumah sakit generic open source (SIMRS-GOS) di RSUD Brebes dimulai 17 Agustus 2023. Data menunjukkan angka kegagalan penggunaan sistem informasi di negara berkembang cukup tinggi disebabkan faktor kualitas dan kehandalan sistem, manusia serta dukungan dari organisasi. Tujuan penelitian ini untuk menganalisis implementasi SIMRS-GOS pada tiga tingkatan yang saling terkait yaitu faktor manusia-teknologi-organisasi serta manfaatnya terhadap kualitas rekam medis elektronik. Desain penelitian adalah kuantitatif eksploratif. Subjek penelitian terdiri dari dokter, perawat dan bidan total berjumlah 235 responden. Data diperoleh melalui kuesioner. Analisis statistik menggunakan structural equational modeling. Hasil penelitian menunjukkan ada pengaruh positif signifikan antara : faktor manusia, faktor organisasi dan kepuasan pengguna terhadap niat penggunaan; perilaku penggunaan terhadap manfaat nyata; manfaat nyata dan faktor teknologi terhadap kepuasan pengguna; faktor teknologi dan manfaat nyata terhadap niat penggunaan melalui kepuasan pengguna; perilaku penggunaan terhadap kepuasan pengguna melalui manfaat nyata. Ada korelasi signifikan sangat kuat antara ketiga faktor manusia-teknologi-organisasi dan terakhir ada pengaruh signifikan manfaat nyata terhadap kualitas rekam medis elektronik. Berdasarkan hasil ini disimpulkan bahwa penerapan SIMRS-GOS dapat diterima oleh para pengguna di RSUD Brebes dan dinilai sukses serta berimplikasi pada kualitas rekam medis elektronik.

Kata Kunci : niat penggunaan, perilaku penggunaan, kepuasan pengguna, manfaat nyata, kualitas rekam medis elektronik

**Analysis of Hospital Management Information Systems Implementation
Using Modification of Integrated Model and Its Implication on
The Quality of Electronic Medical Records
(Study at Brebes District Public Hospital in Brebes Regency)**

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ABSTRACT

The implementation of inpatient electronic medical records through the generic open source hospital management information systems (SIMRS-GOS) at Brebes District Public Hospital has been started since August 17th, 2023. The data shows that the failure rate in using information systems in developing countries is quite high due to the quality and reliability of the system, people and support from the organization. The aim of this research is to analyze the implementation of SIMRS-GOS at three interrelated levels namely human-technological-organizational factors and their benefits on the quality of electronic medical records. The research design uses a quantitative exploration. The research subjects consist of doctors, nurses and midwives, totaling 235 respondents. The data is obtained through a questionnaire. Statistic analysis uses structural equation modeling. The research results show that there is a significant positive influence among human factors, organizational factors and user satisfaction on behavior intentions; use behavior towards net benefits; net benefits and technology factors on user satisfaction; technological factors and net benefits on behavior intentions through user satisfaction; use behavior towards user satisfaction through net benefits. There is a very strong significant correlation among the three human-technology-organization factors and finally there is a significant influence of net benefits on the quality of electronic medical records. Based on these results, it is concluded that the implementation of SIMRS-GOS is acceptable to users at Brebes District Public Hospital. It is also considered successful and has implication for the quality of electronic medical records.

Keywords: *behavior intention, use behavior, user satisfaction, net benefits, quality of electronic medical records*