

*REVIEW OF READINESS FOR THE IMPLEMENTATION OF ELECTRONIC
MEDICAL RECORDS USING THE TECHNOLOGY READINESS INDEX
METHOD AT SARAS ADYATMA BANTUL HOSPITAL*

Zahra Nur Ridha Putri¹, Arif Nugroho Triutomo², Mohamad Mirza Fauzie³
^{1,2,3} Jurusan Kebidanan Poltekkes Kemenkes Yogyakarta
Jl. Mangkuyudan MJ III/304, Mantrijeron, Kota Yogyakarta,
Daerah Istimewa Yogyakarta 55143
Email: putrizahra49553@gmail.com, arifngрту@gmail.com,
mmfauzie@gmail.com

ABSTRACT

Background: *Saras Adyatma Regional Hospital has implemented electronic medical records in July 2023 in the outpatient and emergency units. The outpatient unit has fully implemented electronic medical records, while the emergency department has not yet fully implemented it. Therefore, it is necessary to review the readiness to implement electronic medical records using the Technology Readiness Index (TRI) method.*

Purpose: *Knowing the readiness of users in implementing electronic medical records using the Technology Readiness Index (TRI) method at Saras Adyatma Hospital.*

Method: *The type of research used is descriptive quantitative. Data were collected using a questionnaire with a sample of 47 people using electronic medical records in the outpatient and emergency units at Saras Adyatma Hospital.*

Result: *Readiness to implement electronic medical records was scored from 4 aspects, namely the optimism aspect of 0.83, innovativeness of 0.67, discomfort of 0.68, and insecurity of 0.67. Based on the categorization of Technology Readiness Index (TRI) values, the level of readiness for implementing electronic medical records at Saras Adyatma Hospital is in the low readiness level category with a Technology Readiness Index (TRI) value of 2.85.*

Conclusion: *A review of the readiness to implement electronic medical records in the aspects of optimism, discomfort and insecurity needs to be maintained, while the aspect of innovativeness needs to be improved.*

Keywords: *Implementation Readiness, Electronic Medical Records, Technology Readiness Index*

TINJAUAN KESIAPAN PENERAPAN REKAM MEDIS
ELEKTRONIK DENGAN METODE *TECHNOLOGY*
READINESS INDEX DI RSUD SARAS ADYATMA
BANTUL

Zahra Nur Ridha Putri¹, Arif Nugroho Triutomo², Mohamad Mirza Fauzie³
^{1,2,3} Jurusan Kebidanan Poltekkes Kemenkes Yogyakarta
Jl. Mangkuyudan MJ III/304, Mantrijeron, Kota Yogyakarta,
Daerah Istimewa Yogyakarta 55143
Email: putrizahra49553@gmail.com, arifngрту@gmail.com,
mmfauzie@gmail.com

ABSTRAK

Latar Belakang: RSUD Saras Adyatma telah menerapkan rekam medis elektronik pada bulan Juli 2023 di unit rawat jalan dan gawat darurat. Unit rawat jalan sudah sepenuhnya menerapkan rekam medis elektronik, sedangkan unit gawat darurat belum sepenuhnya. Maka dari itu, perlu dilakukan tinjauan kesiapan penerapan rekam medis elektronik dengan metode *Technology Readiness Index* (TRI).

Tujuan: Mengetahui kesiapan pengguna dalam penerapan rekam medis elektronik dengan metode *Technology Readiness Index* (TRI) di RSUD Saras Adyatma.

Metode Penelitian: Jenis penelitian yang digunakan adalah deskriptif kuantitatif. Pengumpulan data menggunakan kuesioner dengan sampel 47 orang pengguna rekam medis elektronik unit rawat jalan dan gawat darurat di RSUD Saras Adyatma.

Hasil Penelitian: Kesiapan penerapan rekam medis elektronik mendapat nilai dari 4 aspek, yaitu aspek *optimism* sebesar 0,83, *innovativeness* sebesar 0,67, *discomfort* sebesar 0,68, dan *insecurity* sebesar 0,67. Berdasarkan kategorisasi nilai *Technology Readiness Index* (TRI), tingkat kesiapan penerapan rekam medis elektronik di RSUD Saras Adyatma berada pada *range* kategori tingkat kesiapan rendah dengan nilai *Technology Readiness Index* (TRI) sebesar 2,85.

Kesimpulan: Tinjauan kesiapan penerapan rekam medis elektronik pada aspek *optimism*, *discomfort*, dan *insecurity* perlu dipertahankan, sedangkan pada aspek *innovativeness* perlu ditingkatkan.

Kata Kunci: Kesiapan Penerapan, Rekam Medis Elektronik, *Technology Readiness Index*