

ANALISIS KESIAPAN IMPLEMENTASI REKAM MEDIS ELEKTRONIK DENGAN METODE *TECHNOLOGY READINESS INDEX* DI PUSKESMAS MANGUNHARJO

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INTISARI

Latar Belakang: Peraturan Menteri Kesehatan Nomor 24 tahun 2022 mengenai Rekam Medis membuat regulasi terbaru, yaitu adanya regulasi mengenai teknologi digital, sistem tanda tangan secara elektronik, kewajiban penyelenggaraan Rekam Medis Elektronik (RME) serta kerahasiaan data. Penilaian kesiapan sebelum mengimplementasi RME perlu dilakukan. Hal ini merupakan langkah yang sangat penting sebelum penerapan di lapangan. Sebab evaluasi mengenai kesiapan dapat menolong dalam mengidentifikasi skala prioritas dalam menyusun fungsi operasional dan membantu pengoptimalisasian pengaplikasian RME.

Tujuan: Mengetahui sejauh mana kesiapan puskesmas dalam penerapan rekam medis elektronik menggunakan metode *Technology Readiness Index* (TRI).

Metode: Penelitian ini menggunakan metode kuantitatif deskriptif

Hasil: Hasil dari analisis kesiapan menggunakan metode *Technology Readiness Index* (TRI) kesiapan petugas Puskesmas Mangunharjo dikategorikan *High Technology Readiness* karena nilai TRI lebih dari 3,51 ($TRI \geq 3,51$), atau tingkat kesiapannya tergolong tinggi.

Kesimpulan: Dari hasil penilaian yang telah dilakukan menggunakan metode TRI, diperoleh total skor 19,39. Hal ini menunjukkan bahwa petugas Puskesmas Mangunharjo dikategorikan *High Technology Readiness* karena nilai TRI lebih dari 3,51 ($TRI \geq 3,51$), maka tingkat kesiapannya tergolong tinggi. Puskesmas siap akan pemanfaatan RME serta dapat mengatasi kemungkinan tantangan untuk keberhasilan adopsi RME.

Kata Kunci: *Technology Readiness Index, Optimism, Innovativeness, Discomfort, Insecurity*

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ANALYSIS OF THE *READINESS* OF ELECTRONIC MEDICAL RECORD IMPLEMENTATION WITH THE *TECHNOLOGY READINESS INDEX* METHOD AT MANGUNHARJO HEALTH CENTER

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ABSTRACT

Background: The Minister of Health Regulation Number 24 of 2022 on regarding Medical Records makes new regulations, namely the existence of regulations regarding digital technology, electronic signature systems, the obligation to organize Electronic Medical Records (EMR) and data confidentiality. A readiness assessment before implementing EMR needs to be carried out. This is a very important step before implementation in the Healthcare settings. Readiness assessment can help in identifying the priority scale in developing operational functions and help in optimizing RME implementation.

Objective: To determine the extent of readiness of Magunharjo primary health centers in implementing electronic medical records using the Technology Readiness Index (TRI) method.

Methods: The study uses descriptive quantitative methods

Results: The results of the readiness analysis using the Technological Readiness Index (TRI) method, the readiness of Mangunharjo Puskesmas officers was categorized as High Technology Readiness. This was because the TRI value was more than 3.51 ($TRI \geq 3.51$), indicating a high level of readiness.

Conclusion: From the results of the assessment that has been carried out using the TRI method, a total score of 19.39 was obtained. This showed that Mangunharjo Health Center officers were categorized as High Technology Readiness because the TRI value was more than 3.51 ($TRI \geq 3.51$), so the level of readiness was high. The health center was ready for the utilization of RME and could overcome possible challenges for the successful adoption of RME.

Keywords: Technology Readiness Index, Optimism, Innovativeness, Discomfort, Insecurity

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