

**ANALYSIS OF READINESS FOR IMPLEMENTATION OF
ELECTRONIC SIGNATURE USING THE DOQ-IT
METHOD IN THE INPATIENT UNIT OF
CONDONG CATUR HOSPITAL**

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ABSTRACT

Background: Condong Catur Hospital is currently in the preparation phase for implementing electronic signatures in its inpatient units, requiring a readiness analysis to determine the organization's readiness to support the implementation. Electronic signature trials have not yet been conducted on all medical record forms, and no analysis has been conducted.

Objective: To determine the readiness of electronic signature implementation in the Inpatient Unit of Condong Catur Hospital based on aspects of human resources, organizational work culture, leadership governance, and IT infrastructure.

Method: This type of research is descriptive quantitative with the DOQ-IT method using a sample of 52 officers at the Inpatient Unit of Condong Catur Hospital.

Result: The human resources aspect is categorized as quite ready with a score of 3.3, no adequate training related to the use of electronic signatures has been conducted. The organizational work culture is categorized as quite ready with a score of 3.61, there is no preparation of SOPs and clear workflows related to the use of electronic signatures. Leadership governance is categorized as quite ready with a score of 3.18, there is a commitment but there is no policy regarding electronic signatures. As well as information technology infrastructure is categorized as quite ready with a score of 3.3, supporting facilities and a clear budget plan for electronic signature implementation are needed. The readiness for electronic signature implementation in the Inpatient Unit of Condong Catur Hospital obtained an overall score of 3.34 and is categorized as quite ready.

Conclusion: Condong Catur Hospital is considered moderately ready to implement electronic signatures in electronic medical records in its inpatient units. Improvements in training, policy development and standard operating procedures (SOPs), and strengthening management support and information technology infrastructure are needed to ensure effective and sustainable implementation.

Keywords: Readiness, electronic signature, DOQ-IT.

ANALISIS KESIAPAN IMPLEMENTASI TANDA TANGAN ELEKTRONIK MENGGUNAKAN METODE DOQ-IT DI UNIT RAWAT INAP RUMAH SAKIT CONDONG CATUR

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ABSTRAK

Latar Belakang: Rumah Sakit Condong Catur saat ini sedang dalam tahap persiapan penerapan tanda tangan elektronik pada unit rawat inap sehingga diperlukan analisis kesiapan untuk mengetahui sejauh mana kesiapan organisasi dalam mendukung implementasinya. Uji coba tanda tangan elektronik belum dilakukan pada semua formulir rekam medis dan belum pernah dilakukan analisis.

Tujuan: Mengetahui kesiapan implementasi tanda tangan elektronik di Unit Rawat Inap Rumah Sakit Condong Catur berdasarkan aspek sumber daya manusia, budaya kerja organisasi, tata kelola kepemimpinan, dan infrastruktur IT.

Metode: Jenis penelitian ini deskriptif kuantitatif dengan metode DOQ-IT menggunakan sampel 52 petugas di Unit Rawat Inap Rumah Sakit Condong Catur.

Hasil: Aspek sumber daya manusia termasuk kategori cukup siap dengan skor 3,3 belum dilakukan pelatihan terkait penggunaan tanda tangan elektronik yang memadai. Budaya kerja organisasi termasuk kategori cukup siap dengan skor 3,61 belum ada penyusunan SOP dan alur kerja yang jelas terkait penggunaan tanda tangan elektronik. Tata kelola kepemimpinan termasuk kategori cukup siap dengan skor 3,18 sudah ada komitmen namun belum ada kebijakan terkait tanda tangan elektronik. Serta infrastruktur teknologi informasi termasuk kategori cukup siap dengan skor 3,3 diperlukan fasilitas pendukung dan rencana anggaran implementasi tanda tangan elektronik yang jelas. Kesiapan implementasi tanda tangan elektronik di Unit Rawat Inap Rumah Sakit Condong Catur memperoleh skor keseluruhan 3,34 dan termasuk kategori cukup siap.

Kesimpulan: Rumah Sakit Condong Catur berada pada kategori cukup siap dalam mengimplementasikan tanda tangan elektronik pada rekam medis elektronik di unit rawat inap. Diperlukan peningkatan pada aspek pelatihan, penyusunan kebijakan dan SOP, serta penguatan dukungan manajemen dan infrastruktur teknologi informasi agar implementasi tanda tangan elektronik dapat berjalan secara efektif dan berkelanjutan.

Kata Kunci: Kesiapan, tanda tangan elektronik, DOQ-IT.