

ABSTRAK

Tantangan dan Peluang Implementasi Rekam Medis Elektronik dalam
Pemantauan dan Pengambilan Keputusan yang Efektif Pada Pengendalian
Penyakit TB Paru : Studi Kasus di Rumah Sakit Urip Sumoharjo
Bandar Lampung

Oleh

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Implementasi Rekam Medis Elektronik (RME) baru diterapkan di Indonesia dan belum pernah dilakukan evaluasi terkait tantangan dan peluang RME dalam pengendalian penyakit TB paru pada RS swasta di Provinsi Lampung. Penelitian ini bertujuan untuk mengeksplorasi tantangan dan peluang implementasi RME dalam pemantauan dan pengambilan keputusan yang efektif untuk kasus TB Paru pada RS swasta di Bandar Lampung. Menggunakan metode kualitatif dengan pendekatan studi kasus, teknis sampling purposive sampling. Pengumpulan data melalui wawancara mendalam pada 15 responden yaitu Direktur RS, Tim TB DOTs (2 dokter spesialis paru, perawat), Kepala Ruang Laboratorium Patologi Klinis, Kepala Ruang Farmasi, Kepala Ruang Radiologi, Kepala Ruang Unit Rekam Medis, Kepala Instalasi IT, Kepala Ruang Rawat Inap Isolasi TB, Penanggung Jawab Program Surveilans RS, Kepala Bidang Pelayanan Kesehatan, Kepala Seksi Pencegahan dan Pengendalian Penyakit Menular, Penanggung Jawab Program TB Dinas Kesehatan Provinsi Lampung dan Dinas Kesehatan Kota Bandar Lampung, mulai Februari – Maret 2025 di RS Urip Sumoharjo Bandar Lampung dan Dinas Kesehatan Provinsi Lampung. Analisa data dengan pendekatan deskriptif. Hasil antara lain tantangan berupa SDM, teknologi informasi, biaya, kerahasiaan dan keamanan data pasien ; Peluang berupa penegakan diagnosis penyakit TB Paru lebih akurat, waktu pelayanan yang lebih cepat, tersedianya data pasien yang lebih lengkap, mudah terbaca, dan akses cepat; Pemantauan TB Paru berupa tersedianya catatan medis pasien yang lengkap dan terintegrasi, menyediakan sumber data yang lengkap untuk pelaporan); RME mendukung pengambilan keputusan yang efektif terhadap pengendalian kasus TB Paru melalui akses cepat ke data pasien, data pasien yang lengkap dan akurat; Implementasi RME mendukung Program *EndTB* melalui penegakan diagnosis yang akurat, penemuan kasus dan tersedianya data pelaporan kasus TB Paru. Kesimpulannya adalah Implementasi RME memberikan banyak peluang kepada rumah sakit terhadap pengendalian TB Paru, meskipun banyak tantangan yang harus dihadapi.

Kata Kunci : Rekam Medis Elektronik, Peluang, Tantangan, Pengendalian TB Paru

ABSTRACT

Challenges and Opportunities of Electronic Medical Record Implementation in Effective Monitoring and Decision Making in Lung TB Disease Control: Case Study at Urip Sumoharjo Hospital Bandar Lampung

By

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The implementation of Electronic Medical Records (EMR) has only recently been introduced in Indonesia, and no evaluation has been conducted regarding the challenges and opportunities of EMR in controlling pulmonary tuberculosis in private hospitals in Lampung Province. This study aims to explore the challenges and opportunities of EMR implementation in monitoring and making effective decisions for pulmonary TB cases at private hospitals in Bandar Lampung. A qualitative method with a case study approach and purposive sampling technique was used. Data collection was conducted through in-depth interviews with 15 respondents, including the Hospital Director, the TB DOTs Team (2 pulmonologists, nurses), the Head of the Clinical Pathology Laboratory, the Head of the Pharmacy Department, the Head of the Radiology Department, the Head of the Medical Records Unit, the Head of the IT Department, the Head of the TB Isolation Ward, Hospital Surveillance Program Coordinator, Head of Health Services, Head of Communicable Disease Prevention and Control Section, TB Program Coordinator of Lampung Provincial Health Office and Bandar Lampung City Health Office, from February to March 2025 at Urip Sumoharjo Hospital in Bandar Lampung and Lampung Provincial Health Office. Data analysis was conducted using a descriptive approach. Results include challenges such as human resources, information technology, costs, patient data confidentiality and security; Opportunities include more accurate diagnosis of pulmonary TB, faster service times, availability of more complete, readable patient data, and quick access; Pulmonary TB monitoring includes availability of complete and integrated patient medical records, providing a comprehensive data source for reporting); RME supports effective decision-making for TB control through quick access to patient data, complete and accurate patient data; RME implementation supports the EndTB Program through accurate diagnosis, case detection, and the availability of TB case reporting data. In conclusion, RME implementation offers many opportunities for hospitals in TB control, despite the numerous challenges that must be addressed.

Keywords: Electronic Medical Records, Opportunities, Challenges, Lung TB Control.