

ABSTRAK

PENGARUH INOVASI DIGITAL MOPINDO DALAM SIMRS TERHADAP KEPATUHAN PERAWAT DALAM DOKUMENTASI PENGENDALIAN INFEKSI DI KAMAR BEDAH

Nurhadi¹, Endang Triyanto², Desiyani Nani²

Latar Belakang: Infeksi Daerah Operasi (IDO) merupakan masalah keselamatan pasien yang memerlukan pengendalian infeksi dan dokumentasi yang akurat di kamar bedah. Perawat berperan penting dalam pelaksanaan dan pendokumentasian pencegahan dan pengendalian Infeksi (PPI); namun kepatuhan dokumentasi masih rendah akibat sistem manual, beban kerja tinggi, dan keterbatasan integrasi data. Inovasi digital Mopindo yang terintegrasi dalam SIMRS dikembangkan untuk menstandarkan dokumentasi pengendalian infeksi. Tujuan penelitian ini adalah mengetahui pengaruh Mopindo terintegrasi SIMRS terhadap kepatuhan dokumentasi pengendalian infeksi perawat di kamar bedah.

Metode: Penelitian ini menggunakan pendekatan *Research and Development* (R&D) yang dilaksanakan dalam dua tahap. Tahap pertama mengadaptasi model ADDIE untuk pengembangan aplikasi Mopindo yang divalidasi oleh ahli dan diuji akseptabilitas pengguna. Tahap kedua menggunakan desain *pra-eksperimental one-group pretest-posttest* dengan melibatkan 17 perawat kamar bedah. Analisis data dilakukan menggunakan uji statistik *Wilcoxon Signed-Rank*.

Hasil: Instrumen yang dikembangkan memiliki validitas dan reliabilitas yang baik serta dinyatakan layak berdasarkan uji akseptabilitas. Seluruh item memiliki nilai koefisien korelasi di atas r tabel dan nilai Cronbach's alpha lebih dari 0,60. Terdapat peningkatan signifikan kepatuhan perawat dalam dokumentasi pengendalian infeksi setelah penerapan Mopindo terintegrasi SIMRS.

Kesimpulan: Inovasi digital Mopindo efektif meningkatkan kepatuhan dokumentasi pengendalian infeksi di kamar bedah dan mendukung peningkatan keselamatan pasien serta mutu pelayanan keperawatan.

Kata Kunci: Dokumentasi, Inovasi Mopindo, Kepatuhan Perawat, Kamar Bedah, Pengendalian Infeksi.

¹Magister Keperawatan, Fakultas Ilmu-ilmu Kesehatan, Universitas Jenderal Soedirman

²Jurusan Keperawatan, Fakultas Ilmu-Ilmu Kesehatan, Universitas Jenderal Soedirman

ABSTRACT

“The Effect of Mopindo Digital Innovation in Hospital Management Information Systems on Nurses’ Compliance with Infection Control Documentation in the Operating Room.”

Nurhadi¹, Endang Triyanto², Desiyani Nani²

Background: Surgical Site Infection (SSI) is a patient safety issue that requires effective infection control and accurate documentation in the operating room. Nurses play a vital role in the implementation and documentation of Infection Prevention and Control (IPC); however, documentation compliance remains low due to manual systems, high workload, and limited data integration. The digital innovation Mopindo, integrated into the Hospital Management Information System (HMIS), was developed to standardize infection control documentation. This study aimed to determine the effect of Mopindo integrated with HMIS on nurses’ compliance with infection control documentation in the operating room.

Method: This study employed a Research and Development (R&D) approach conducted in two stages. The first stage adapted the ADDIE model to develop the Mopindo application, which was validated by experts and tested for user acceptability. The second stage used a pre-experimental one-group pretest–posttest design involving 17 operating room nurses. Data were analyzed using the Wilcoxon Signed-Rank statistical test.

Results: This study employed a Research and Development (R&D) approach conducted in two stages. The first stage adapted the ADDIE model to develop the Mopindo digital application, which was validated by experts and tested for user acceptability. The second stage applied a pre-experimental one-group pretest–posttest design involving 17 operating room nurses. Data were analyzed using statistical tests, including the Wilcoxon Signed-Rank Test.

Conclusion: The Mopindo digital innovation effectively improves nurses’ compliance with infection control documentation in the operating room and contributes to enhanced patient safety and the quality of nursing care.

Keywords: Documentation, Mopindo Innovation, Nurse Compliance, Operating Room, Infection Control

¹Magister Keperawatan, Fakultas Ilmu – Ilmu Kesehatan, Universitas Jenderal Soedirman

²Jurusan Keperawatan, Fakultas Ilmu-Ilmu Kesehatan, Universitas Jenderal Soedirman