

PENGEMBANGAN MODEL *ELECTRONIC NURSING CARE* (E-NC)

BERBASIS STANDAR 3S (SDKI, SLKI DAN SIKI) DALAM

MENINGKATKAN MUTU PENDOKUMENTASIAN

ASUHAN KEPERAWATAN

TESIS

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**PENGEMBANGAN MODEL *ELECTRONIC NURSING CARE (E-NC)* BERBASIS
STANDAR 3S (SDKI, SLKI DAN SIKI) DALAM MENINGKATKAN MUTU
PENDOKUMENTASIAN ASUHAN KEPERAWATAN**

xviii + 194 Halaman + 23 Gambar + 32 Tabel+ 15 Lampiran

ABSTRAK

Asuhan keperawatan yang berkualitas merupakan salah satu parameter penilaian mutu keperawatan di rumah sakit. Pelaksanaan pendokumentasian asuhan keperawatan belum optimal disebabkan kurangnya pengetahuan perawat terkait standar 3S, kurangnya motivasi dalam pendokumentasian dan model dokumentasi masih berbasis manual, sehingga diperlukan strategi pengembangan sistem informasi *Electronic Nursing Care (E-NC)* untuk meningkatkan kualitas dan kuantitas pendokumentasian asuhan keperawatan di rumah sakit. Tujuan penelitian adalah menganalisis pengaruh pengembangan *E-NC* terhadap kelengkapan, akurasi dan efisiensi waktu perawat dalam mendokumentasikan asuhan keperawatan. Desain Penelitian adalah *mixed method*, tahap 1: kualitatif dengan pendekatan deskriptif, tahap 2 : metode pengembangan RAD (*Rapid Application Development*), Tahap 3: kuantitatif dengan pendekatan eksperimental. Subjek penelitian dokumen rekam medis (n=104), dengan teknis *purposive sampling*. Instrumen penelitian menggunakan kuesioner. Data dianalisis menggunakan *mann-whitney test*. Hasil penelitian menunjukkan terdapat perbedaan rerata kelengkapan, akurasi dan efisiensi waktu antara penggunaan *SIMGOS* dan *E-NC* (*p value* 0,000 < 0,05). Sistem *E-NC* mempengaruhi kelengkapan, akurasi dan efisiensi waktu pendokumentasian asuhan keperawatan. Rumah sakit dapat menggunakan *E-NC* dalam penerapan pendokumentasian agar lebih efektif dan efisien. Meningkatnya kuantitas dan kualitas pendokumentasian asuhan keperawatan akan berdampak terhadap peningkatan kualitas asuhan yang diberikan oleh perawat.

Kata Kunci: *dokumentasi keperawatan, E-NC, SIMGOS, standar 3S*

Daftar Pustaka : 95 (2004-2025)

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**DEVELOPMENT OF AN ELECTRONIC NURSING CARE (E-NC)
MODEL BASED ON THE 3S STANDARDS (SDKI, SLKI, AND SIKI) TO
IMPROVE THE QUALITY OF NURSING CARE DOCUMENTATION**

xvii + 194 Pages + 23 Figures + 32 Tables + 15 Appendices

ABSTRACT

Quality nursing care is a key parameter for evaluating the quality of nursing services in hospitals. The implementation of its documentation is not yet optimal due to nurses' lack of knowledge regarding 3S standards, low motivation for documentation, and a manual-based documentation model. Therefore, a strategy to develop an Electronic Nursing Care (E-NC) information system is needed to improve the quality and quantity of nursing care documentation in hospitals. The research aims to analyze the effect of E-NC development on the completeness, accuracy, and time efficiency of nurses in documenting nursing care. The study design is a mixed-methods approach: Phase 1 is qualitative with a descriptive approach, Phase 2 uses the RAD (Rapid Application Development) method, and Phase 3 is quantitative with an experimental approach. The research subjects were medical record documents (n=104), selected using a purposive sampling technique. The research instrument was a questionnaire. Data were analyzed using the Mann-Whitney test. The results showed a significant difference in the mean completeness, accuracy, and time efficiency between using SIMGOS and E-NC ($p\text{-value } 0.000 < 0.05$). The E-NC system influences the completeness, accuracy, and time efficiency of nursing care documentation. Hospitals can use E-NC for more effective and efficient documentation. An increase in the quantity and quality of nursing care documentation will impact the quality of care provided by nurses.

Keywords: 3S Standards, nursing documentation, E-NC, SIMGOS

References : 95 (2004-2025)