

PENERAPAN PELATIHAN *PREVENTING RISKS OF INFECTIONS AND MEDICATION ERRORS (PRIME)* UNTUK KEPATUHAN PERAWAT DALAM PEMBERIAN OBAT IV DI RUANG RAWAT INAP RSPAD GATOT SOEBROTO

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Abstrak

Keselamatan pasien merupakan prioritas mutu pelayanan kesehatan, dan kesalahan pengobatan (*medication error*) menjadi salah satu sumber cedera yang paling sering terjadi. Observasi awal di Ruang Soehardo Kertokusodo Lt. 2 menunjukkan bahwa rata-rata kepatuhan perawat dalam manajemen obat IV (persiapan, pengoplosan, dan administrasi) masih rendah, yaitu sekitar 75.26%, dan ditemukan 12,5% kejadian flebitis dan 31,25% infus tidak lancar. Dari hasil tersebut, peneliti melakukan pelatihan *Preventing Risks of Infections and Medication Errors (PRIME)* untuk kepatuhan perawat dalam pemberian obat IV sebagai upaya meningkatkan keselamatan pasien (*patient safety*). Pelatihan *PRIME* obat IV selama 2 hari (4 sesi dengan durasi 1–2 jam per sesi) kepada 6 perawat. Evaluasi dilakukan melalui observasi menggunakan lembar observasi selama 3 hari setelah pelatihan untuk mengukur tingkat kepatuhan perawat. Skor rata-rata sebelum pelatihan adalah 75.26%. Setelah pelatihan hingga hari terakhir observasi didapatkan kenaikan rata-rata dari 20 menjadi 25 yang membuktikan adanya kenaikan sekitar 5 poin (18.28%). Hasil analisis juga menunjukkan bahwa pelatihan *PRIME* memiliki pengaruh bermakna terhadap peningkatan kepatuhan perawat dalam manajemen obat IV ($p\text{-value} = 0.004$). Peningkatan kepatuhan ini berkontribusi pada peningkatan keselamatan pasien dan pencegahan *medication error*, yang dibuktikan dengan hilangnya kasus flebitis dalam periode observasi.

Kata Kunci: Keselamatan pasien, Manajemen obat IV, Pelatihan *PRIME*

**IMPLEMENTATION OF PREVENTING RISKS OF
INFECTIONS AND MEDICATION ERRORS (PRIME)
TRAINING FOR NURSES' COMPLIANCE IN ADMINISTERING
IV DRUGS IN THE INPATIENT ROOM OF GATOT SOEBROTO
ADMINISTRATIVE HOSPITAL**

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Abstract

Patient safety is a priority for healthcare quality, and medication errors are one of the most common sources of injury. Initial observations in the Soehardo Kertohusodo Room, 2nd Floor, showed that the average nurse compliance in IV medication management (preparation, compounding, and administration) was still low, at around 75.26%, and 12.5% of phlebitis cases and 31.25% of infusion failures were found. Based on these results, researchers conducted Preventing Risks of Infections and Medication Errors (PRIME) training for nurse compliance in IV medication administration as an effort to improve patient safety. The PRIME IV medication training lasted 2 days (4 sessions with a duration of 1–2 hours per session) for 6 nurses. Evaluation was carried out through observation using an observation sheet for 3 days after the training to measure the level of nurse compliance. The average score before the training was 75.26%. After training until the last day of observation, the average score increased from 20 to 25, representing an increase of approximately 5 points (18.28%). The analysis also showed that PRIME training significantly increased nurse compliance with IV medication management (p -value = 0.004). This increased compliance contributed to improved patient safety and medication error prevention, as evidenced by the elimination of phlebitis cases during the observation period.

Keywords: *IV medication management, Patient safety, PRIME training*