Supplement

Seven Rights of Medication Administration: Nurses’ Knowledge, Attitude, and Application

Shinta Dwi P1, Aryo Dewanto2, Holipah3, Arrasyid Indra M4

1Hospital Management Study Program Faculty of Medicine Universitas Brawijaya Malang
2Department of Master Hospital Management Faculty of Medicine Universitas Brawijaya Malang
3Department of Public Health Faculty of Medicine Universitas Brawijaya Malang
4Melati Husada Mother and Child Hospital Malang

ABSTRACT
Medication error becomes one of the main concerns in ensuring patient safety. In 2020, X Hospital reported medication error incidents. Although categorized near miss, the incidents should have been prevented. One of the methods to prevent medication errors is by applying the seven rights of medication administration. This study aimed to identify the inhibiting factors in the implementation of the seven rights of medication administration in X Hospital and obtain alternative solutions to those obstacles. This study used an analytic observational design with a cross-sectional design. Data were collected from observations and a survey. Observations and a survey through questionnaires to 20 nurses at X Hospital were made to see the implementation of the procedure. At the end of the data collection, interviews were conducted to find out the obstacles in the inpatient installation in applying the seven rights of medication administration. The results show that the main root causes of medication administration errors were the standard operating procedure (SOP) that has not been standardized and nurses’ non-compliance behavior on the seven rights procedure. To resolve medication administration errors, the hospital manager should revise the SOP, conduct internal workshops, and perform scheduled supervision to the nurses.

Keywords: Medication administration, nurses’ compliance, patient safety

Correspondence: Ivan Drie. Hospital Management Study Program Faculty of Medicine Universitas Brawijaya Malang, Jl. Veteran, 65145, Malang Tel. 081252699344 Email: Shinta.dwi88@gmail.com

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