

Role of Nurses in Adopting Joint Commission International Standards for Safe Medication Administration

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Abstract:

BACKGROUND: Nowadays people are more solicitous about risks and patient safety in healthcare environment which reflects on the mission of health care organizations to provide a high quality of care. **AIM:** Study aimed to: (1) Assess nurses' knowledge regarding medication safety standards. (2) Identify the cognitive effect of JCI standards on the performance of nursing staff. **SUBJECT AND METHODS:** A descriptive correlation research design was used, study setting were in As-Salam international Hospital. The study was include 100 nurses (50 in Medical and 50 in surgical units). Two tools were used for collecting data: (1) Self-Administrated Questionnaire to assess nurses' knowledge. (2) Observation Checklist, to assess nurses' performance, the tools was developed by researchers based on joint commission international 5th edition, and literature review, tool was juried then data was collected. **RESULTS:** The study results showed that, Regarding knowledge a significant difference related to drug calculation was found, highly significant difference regarding medication documentation. Concerning nurses' performance, highly significant difference related to post medication administration items. A strong correlation between nurses' knowledge regarding medication administration and their performance was found. **CONCLUSION:** The research hypothesis was rejected by the study finding, unsatisfactory level of performance and a strong correlation between nurses' knowledge and nursing staff performance regarding medication safety standards. **RECOMMENDATION:** It is recommended that, Obligatory medication administration training program should be conducted for nurses. Encourage the use of root-cause analysis for improving the work environment.

Keywords: *Interdisciplinary team, Incident report, Six Sigma, Medication errors.*
