

**Effect of Maternity Nurses Knowledge and Practices
Regarding the Medication Errors on Laboring Women Safety
in Labor Unit**

Thesis

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Abstract

Women's safety and quality of care are essential aspects of clinical nursing practice. Medication administration errors are considered to be a global problem resulting in an increase in mortality rates, length of hospital stay, and related costs. **Aim of the study:** to assess the effect of maternity nurse's knowledge and Practices regarding the medication errors on laboring women safety in labor unit. **Design:** A descriptive research design was used in this study. **Setting:** The study was conducted at the maternity department of University hospital, General hospital (Alnubui Almuhandis) and Tamia hospital at Fayoum city. **Sample:** Convenience sample technique was utilized in the present study to recruit 40 nurses. **Tools:** Three tools for data collection. **First tool:** Self-administered nurse questionnaire (structured questionnaire) which used to assess: personal data of the studied sample, nurse's knowledge related to specified obstetric medication and precautions of administrating medications. **Second tool:** factors that influence medication errors from the nurse's point of view. **Third tool:** An Observational Checklist: to assess the maternity nurse's practice related to Obstetric medication administration and errors. **Result:** the present study showed that, slightly more than half of the studied sample had incomplete satisfactory knowledge. On the other hand, slightly less than half of the studied sample had complete satisfactory level of practices regarding medication administration, moreover, there was A significant relationship between level knowledge and practices. **Conclusion:** There was a statistical significant difference between age, years of experience of the studied sample and their knowledge & practice level regarding medication administration in labor unit and there was a statistical significant difference between nurses and knowledge & practices. **Recommendation:** in service training programs is required for maternity nurses regarding medication errors and how to overcome it.

Key words: Medication errors, Maternity nurses' knowledge and Practice
