



**Zagazig University
Faculty of Nursing**

**Impact of Training Education Program on Improving of
Nurses Knowledge and Performance Regarding
Infection Control In Endoscopy Unite**

Thesis

**Submitted For Partial Fulfillment of the Requirement of Doctorate
Degree in Medical Surgical Nursing**

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Abstract

Gastrointestinal (GI) endoscopy is an important method for diagnosing and treating. Endoscopes are complex and reusable devices. Understanding infection control in the context of endoscopy is important in reducing the transmission of infection. The infection control educational program considers the most effective and important for improving nurses' knowledge and practice regarding endoscopy reprocessing. *This study aims* to Evaluate effect of an educational program on improving nurse's knowledge and practice regarding infection control in endoscopy unit at Zagazig University Hospital. *Research design:* A quasi experimental research design was used. *Setting:* The study was conducted in the endoscopy unit at Zagazig University Hospitals. *The study sample* All available endoscopy nursing staff *Tools:* First tool was Questionnaire sheet, to assess nurses' knowledge. The second tool was observational checklist to assess nurses' practice. *Results* revealed that, tow third of nurses were in the age group of more than 40 years with mean age 42.2 ± 8.4 years, while majority of the sample had more than 10 years of experience. There was improvement in total level of nurses' knowledge, and practice regarding infection control with highly statistically significant difference between pre – post and pre – follow up program phase as regarding to infection control. *Conclusion:* The implantation of health educational program had improved nurse's knowledge and practice regarding endoscopy infection. *Recommendations:* Continuous educational infection control training programs are recommended in endoscopy units. So incorporation of such interventions apply in all endoscope unite all over Egypt.

Key words: Educational Training Program, Gastrointestinal Endoscopy, Infection control, Endoscopy Reprocessing