

# Gynecological Nursing Care for women Undergoing Hysterectomy: Effect of an Educational program on Nurses' Knowledge and Practices

## Abstract

**Background:** For women of reproductive age, hysterectomy is the most common gynecological surgical treatment. A woman having a hysterectomy should have a nursing care plan that reflects the nurse's understanding of the necessary medical and psychological support. This research sought to assess the impact of an educational intervention program. **Aim of the study:** The purpose of this study was to assess how an educational intervention program affected gynecological nurses' knowledge of how to care for women having hysterectomy patients. **Subjects and methods:** Research design: two research designs were used: (1) A quasi-experimental intervention study for nurses. (2) Descriptive research for women. **Sample:** The study sample included two groups: (1): All nurses work in the obstetric and gynecological departments and the gynecological operating room at Beni-Suef University Hospital (20 nurses). (2): A simple random sample of 50 women who were undergoing hysterectomy was divided into 2 groups. **Group I:** 25 women to assess nursing intervention before program application; **Group II:** 25 women to evaluate nursing intervention after program application. **Tools:** Five main tools were used: (1) a structured interview questionnaire for nurses and women; (2) a questionnaire for nurses knowledge; (3) observational check list practice for nurses; (4) a satisfaction scale for women's satisfaction with nursing care provided during hospital stays; and (5) an instructional booklet for nurses' knowledge about nursing care provided to female patients having hysterectomy. **Results** showed a significant improvement in nurses' knowledge and practice of nursing care for women undergoing hysterectomy in post-program implementation compared to pre-program. Additionally, women's satisfaction was higher with the program. **Conclusion:** The designed educational intervention program has a positive effect on improving nurses' knowledge and practice about nursing care for women undergoing hysterectomy. The improvement of nurses' knowledge and practices after the implementation of the educational program regarding the care of women having hysterectomy positively affected women's satisfaction with the care of hysterectomy. **Recommendation:** Reapplication of the study under different circumstances, including large sampling, other settings, measurements, and duration of management, in Egypt to ensure the generalization of the findings

**Key word:** Program, hysterectomy, Nurses' Knowledge and Practices, Women's satisfaction