

Summary

Hysterectomy is a commonly performed surgical procedure that impacts on many aspects of a woman's life . Removal of the uterus with or without conservation of the ovaries is often threatens woman's femininity. Training programs for nurses about nursing intervention for women undergoing hysterectomy is a valid method for minimizing the negative physiological, emotional responses to the experience of surgery and at the same time , for promoting a rapid rate of recovery (*Andersen and Hacker, 2001*).

The aims of this study was to :

- 1- Assess nurse' knowledge and practice about caring of women Undergoing hysterectomy.
- 2- Design and implement training program about caring of women undergoing hysterectomy.
- 3- Evaluate the effect of training program on nursing intervention.

***Setting:**

The study was conducted at Gynecological Department of both Benha University and Teaching Hospital.

***sample: consisted of two parts ;**

1-Nurses:

Type : Convenient sample .

Size : All nurses work in operating room and gynecological ward in Obstetrics & Gynecological Department at Benha University Hospital (22), and also at Benha Teaching Hospital (18).

Characteristic of sample :

- All nurses work in operating room and gynecological room in Obstetrics & Gynecological Department at Benha University Hospital and also at Benha Teaching Hospital .
- With different qualification , age , and experience .

2-Patients:

Type : Simple random sample .

Size: Two group of patients were selected for the study :

Group 1: Number of (120 women) to assess nursing intervention before program application.

Group II : Number of (120) women to evaluate nursing intervention after program application.

Characteristics of sample :

- All patients who underlying hysterectomy operation .
- Patients with different educational level and different age groups - Patients With different causes of hysterectomy.

Data collected using the following tools :

1- The structure-interviewing questionnaire:

which developed by the researcher under supervision of the supervisors of the study using different, updated review of literature. The questionnaire includes the following parts:

Part1:

1- socio-demographic data of nurses involved in the study such as (age, experience years, educational level, previous training, etc.).

Summary

2- Socio-demographic data of patients involved in the study such as (age, social class, marital status, obstetric and gynecological data, etc.).

Part 2 :

Assessment of nurses' knowledge about caring of women undergoing hysterectomy (pre & post) tests include the following items:

- Anatomy & physiology of female reproductive system.
- Definition & types of hysterectomy.
- Indications of hysterectomy.
- Physical & psychosocial problems associated with hysterectomy.
- Care of women (before, day, after) surgery. General discharge instructions.

II-Observational-checklist format:

It includes all procedures related to (pre, intra, post) operative care of hysterectomy, these will be used as a pre / post test.

A pilot study was carried out , according to its result ,the necessary modification in the study tools and contents was done .

III-The training program:

According to the finding of pilot study , nurses needs were determined so, general & specific objectives of the program were stated , program content as well as teaching strategies was prepared . The training program for nurses about caring of women undergoing hysterectomy will consist of different sessions (theory & practice).

Theoretical sessions will include the following:

- Anatomy & physiology of female reproductive system.
- Definition & types of hysterectomy.

Summary

- Indications of hysterectomy.
- Physical & psychosocial problems associated with hysterectomy.
- Care of women (before, day, after) surgery.
- General discharge instructions.

Practical sessions will include all procedures related to the following:

- Preparation of patients before surgery (physical & psychological).
- Preparation of operating theatre.
- Post operative care (immediate & late) .

Evaluation:

The same tools used for the assessment (**questionnaire sheet** , **Observational-checklist**) were used to evaluate the effect of the program .

The study showed the following results :

- Lack of nurses' (knowledge & performance) regarding nursing care of women undergoing hysterectomy before the program implementation.
- Majority of nurses in both hospitals had average knowledge related to total knowledge with mean standard (60.4 ± 4.5) & (54.8 ± 13.0) before program implementation while after implementation of the program , it was found significant improvement with higher mean standard (78.1 ± 5.0) in university hospital & (77.0 ± 7.2) in teaching hospital .

Summary

- There was a significant improvement in nurses' performance about nursing intervention for hysterectomy patients post program implementation than pre implementation of the study.
- There was improvement in nurses performance level in teaching hospital (92.8%) than nurses in university hospital (89.1%) in relation to total performance level after program implementation.
- There was improvement in patients satisfaction about care provided to them after program implementation in both hospitals .
- There was a significant differences between pre & post program , also, between both hospitals in knowledge and practice .