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Improve the Ability of NPGY to Treat Symptoms of Cases After Transurethral Resection of Prostate (TURP)

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Purpose:

Improve the ability of Nurse Post Graduate Year (NPGY) to treat symptoms of cases after transurethral resection of the prostate (TURP).

Methods:

After the literature search, development the “knowledge test for the Treatment of Symptoms of transurethral resection of the prostate”, through the group of seven experts in the field of urology and rich clinical experience, they based on importance, clarity and representativeness to do Validity Verification (CVI). The validity index (Total CVI) is 0.8. On the parts of skills test for the symptoms treatment of transurethral resection of the prostate, we development a scales of skills observation, it base on the Direct Observation of Procedural Skills (DOPs), it has thirteen items, and full score of 5 points, it passed when they reach more than 4 points (good). The research team designed the situation simulation professional courses to 12 Nurse Post Graduate Year (NPGY) members in the unit, and the 12 Nurse Post Graduate Year were tested before and after the courses.

Results:

Twelve Nurse Post Graduate Year conducted pre-knowledge tests, and found that the average score was 76 points. The results of pre-skill test in 12 Nurse Post Graduate Year were no more than 4 points and the average score was 2.1 points. After the intervention of the situational simulation professional course, the result of post-knowledge examination are 100 points of 10 Nurse Post Graduate Year (83.3%) and an average score is 97.9 points. The result of post-skills test, the average score was 4.4 points. After the intervention of the situational simulation professional course, the pass rate increased from 0% to 83%.

Conclusion:

Through the situational simulation professional courses, improved the ability of symptoms treatments of Nurse Post Graduate Year, provided appropriate care and treatment, and improved the quality of care and reduce patient complaints. We improve the ability of Nurse Post Graduate Year after transurethral resection of the prostate patients successfully.
Title:
Improve the Ability of NPGY to Treat Symptoms of Cases After Transurethral Resection of Prostate (TURP)

Keywords:
NPGY, Situation simulation and Transurethral resection of prostate

References:
Chambers, A. (2002). Transurethral resection syndrome-It does not have to be a mystery. The association of perioperative registered nurses, 75(1), 155-178.


Abstract Summary:
The purpose of this project is improving the ability to treat symptoms after transurethral resection of prostate (TUR-P) patients on NPGY trainees. After the literature review and discussion, we decide to conduct professional training classes, design situation simulation professional caisses. After intervention, the knowledge and skills of NPGY trainees’s both pass.

Content Outline:
I. Background:
A. Benign prostatic hyperplasia (BPH) Morbidity Rate
B. Surgery is the common treatment standard of surgical department.
C. The literature points out the common complains of TURP
   1. symptoms or complains
      a) pain
      b) urgency feelings
      c) hematuria
      d) urinary tract obstruction
D. Professional knowledge and solving ability of the nurses are the most important key points.
E. Postoperative symptom treatments of nurses
   1. Improve care quality
   2. Reduce the times of follow-up procedures
   3. Reduce the patient complaints.
II. Purpose
A. Improve the ability of Nurse Post Graduate Year (NPGY)

III. Methods
A. Instrument:
1. Knowledge test for the Treatment of Symptoms of TURP
2. Direct Observation of Procedural Skills (DOPs)
B. Intervention:
1. Situational simulation professional course

IV. Result
A. Knowledge test pass rate
B. Skills test pass rate

V. Conclusion
A. Improve the ability of NPGY to treat symptoms of cases after TURP.

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