Improving the Nursing Guidance Integrity in Gynecological Cancer Patients with Intraperitoneal Tenckhoff Tube Chemotherapy

Hsiu-Neng Chang; Pao-Chen Huang; Ya-Ju Cheng; Shun-Fen Chen

Department of Nursing, Taipei Veterans General Hospital, Taipei, Taiwan

Introduction:

Studies have shown that intravascular chemotherapy combined with Intra-Peritoneal Tenckhoff Tube Chemotherapy (IP) can increase patients’ survival rate after ovarian cancer surgery. The treatment process of complications brings serious influence on patients’ safety. It’s clinically found that IP therapy care guidance provided by nursing staff is not complete and questionnaire survey conducted in July 2016 for nursing guidance cognitive integrity scored at 77.2 points and patients’ satisfactory rate toward IP care was only 50%.

The purpose of this project was to enhance the staff’s nursing guidance cognitive score in gynecological cancer patient up to 90 points, so as to reach a 90% nursing guidance complete rate.

Methods:

Use a total quality management approach to improve quality, after analysis, the main reasons for incomprehensively performing IP care guidance include: 1. the lack of nursing staff experience; 2. the lack of nursing guidance and instructional auxiliary teaching aids; 3. not familiar with the implementation of IP treatment process; 4. not to establish IP correctness audit standards. Team members discuss the use of decision matrix analysis method to find out a solution. To improvement program was then put into practice during July and December, 2016 as follows: 1. Develop women’s cancer IP care CD-ROM, including detailed implementation steps, the implementation of treatment during care, etc.; furthermore, to provide medical staff with the chance of self-study. 2. Create IP care instruction leaflet, including the preparation before treatment, treatment side effects guidance and discharge home self-care, etc. which is applied to patient care before treatment guidance. 3. Conduct on-the-job training of IP care and involve new staff and promotion programs. 4. Establish quality monitoring mechanism and develop IP integrity audit standards along with regular audit of the correctness and integrity of the implementation of nursing staff. 5. Regularly conduct IP Care Guidance Satisfaction Survey annually to maintain care quality.

Conclusion:

It reveals that the method proposed by this project exactly improves the integrity of IP nursing guidance for one hand. On the other hand, nursing staff’s professional knowledge and skills are advanced as well so as to ensure patients’ safety during medical treatment. Furthermore, patients can learn self-caring and get more satisfied with the provided nursing guidance. All in all, the quality of nursing care will be elevated.

Results:

After the implementation of the project, the nursing staff’s cognitive integrity on the IP care guidance increased from an average of 77.2 points to 94.20 points. The nursing guidance complete rate of IP from 50% to 100%. It indicates that the overall quality of nursing care has been effectively improved.

Reference:

