Analysis of the Effect of Detailed Nursing Management in Operating Room on Hospital Infection Control Based on Nursing Management

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Abstract: This paper explores the effect of detailed nursing management in operating room on controlling hospital infection. The main subjects of study were 100 patients treated in the operating room of the hospital from 2016 to 2018. To investigate the incidence of nosocomial infection in surgical patients within one year, and randomly select 28 nurses to investigate the quality of their work. Routine nursing and detailed nursing methods in operating room were given respectively. Infection status and nursing satisfaction of patients were analyzed and compared. Studies have shown that after careful management, the quality and safety of care are greatly improved, and the hospital infection rate is significantly reduced. After comparison, it was found to have significant differences (P < 0.03). Detail management for the purpose of infection prevention can provide excellent infection prevention in the operating room and is an excellent management method. Helping patients recover faster and improve the relationship between nurses and patients, it is worthy of increasing clinical promotion and application.

1. Introduction

Operating room is a department with very high infection rate, because during the operation, patients' organs will be exposed, and at this time if the operating room environment and surgical medical instruments are not thoroughly disinfected. The improper operation of the operator will lead to the occurrence of nosocomial infection. Therefore, in the operation process, we need to be meticulous, guard against all possible factors that may lead to infection, and also need to develop and strengthen the detailed nursing management system, so as to reduce the incidence of hospital infection as far as possible [1]. Before the patients are pushed into the operating room for operation, all disinfection work should be done in the operating room, the environment and air of the operating room should be disinfected before operation, and the instruments and dressings used during operation should be prepared [2]. These materials are sterilized and sterilized, thus providing a safe working environment for the nursing staff, providing a good hospitalization environment for patients, and preventing hospital infection in the operating room is very important. Related practice surveys have found that traditional care measures have a high infection rate, while the operating room detail care model can enhance patient care from all aspects. Not only can it effectively reduce the incidence of infection, but it can further improve patient satisfaction. The study used operating room detail care management and observed its role in hospital infection control [3].

In 2014, the implementation of Point of Care Testing (POCT) service can improve the management of hemostatic dysfunction in patients undergoing cardiac surgery [4]. After that, aggressive nursing management in emergency department was put forward by relevant scholars [5]. Since 2016, qualitative research on aggressive nursing management in emergency room has been studied by relevant scholars [6]. In the course of operation, because the patients' organs are relatively open and exposed, if the overall environment of the operating room and the details of equipment disinfection are not thorough. Or nurses' slight misoperation is very easy to cause

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nosocomial infection [7]. In view of this, in the prevention and control of laboratory infections in hospitals, it is necessary to focus on the infection situation that will occur, and design the system through a professional management team. The elimination of nosocomial infections in the operating room has emerged from the root cause. Neglecting some details is likely to lead to serious consequences, such as causing doctor-patient disputes [8]. The enhancement of detailed care can guarantee the quality and safety of care. After a hospital infection occurs, it will bring extra pain to the patient, and may also affect the treatment of the patient's original disease. Seriously, it may also cause medical disputes. Therefore, hospital infection control is very important [9]. Since the establishment of high-quality nursing demonstrations, our hospital has greatly improved the nursing services, enhanced the quality of care, increased patient satisfaction, and implemented quality services throughout the entire nursing process. In addition, the details of the cleaning and maintenance are further optimized, the high-pressure water gun is used to wash the residual tissue in the cavity, the professional brush is brushed many times, and the gauze is dried by using the clear device. Surgical instruments placed in a multi-enzyme solution were sonicated for approximately 10 min. Any problem in one link will directly lead to infection in the operating room. Detail management is of great importance in the control of infection in the operating room. In this paper, the impact analysis of the operation room management of nursing management in the control of hospital infection was studied [10].

2. Materials and Methods

The application of detailed nursing in the operating room can not only alleviate the anxiety of patients and enhance the communication between nurses and patients, but also provide patients with better perioperative nursing environment and reduce the incidence of infection in the operating room. Therefore, the effective implementation of detail nursing management system is the best scheme to ensure the effective application and implementation of detail management in operating room. Develop an infection knowledge training plan, implementation plan and specific measures suiTable for the actual situation of the hospital, and improve the surgical infection management system, the operating room disinfection management system, and the medical waste classification and collection system. Various regulations and systems for preventing iatrogenic infections, such as the one-off product system and the rational use of the laminar flow surgery system, to find out the defects in the rules and regulations for preventing iatrogenic infections, and to revise them in time.

Improve the service mechanism of nursing, strengthen the concept of high quality nursing, strengthen the management of detailed nursing: high quality service needs to improve rules and regulations, effectively standardize every detail of work, and achieve detailed nursing. We should abide by the principle of high quality service and change the individual's spontaneous behavior into the whole's conscious behavior. Detailed nursing management in operating room not only requires nurses to have solid professional skills and strictly implement the planning of management procedures, but also to be good at psychological nursing for patients. Enhance the patient's treatment compliance, so that it can actively cooperate with the operation. Nursing staff should carefully check the performance of the pre-operative facilities and equipment to weaken the risk factors that may exist in the operation. It also needs to have a good sense of responsibility in order to be serious and responsible in every care work, and to put the safety of patients firmly in the first place. Keep your safety concept in mind, and don't neglect the details of the care process to prevent the occurrence of care accidents.

Nursing management is an important auxiliary measure in clinical nursing. Effective management measures can improve the quality and efficiency of nursing, and also have great effect in infection prevention. Detailed nursing management adopted in this study is an effective management method to control hospital infection. Infection control mainly starts with medical staff, environment and equipment. Detail management refines infection prevention operation into practical nursing work, pays attention to infection prevention operation before, during and after operation, pays attention to details, and uses details to influence the whole. Implement detailed management measures. Nurses should take the initiative to communicate with patients, grasp the

patient's condition, at the same time tell them about the disease-related knowledge and surgical procedures, so that patients can alleviate psychological pressure. For patients with negative psychological emotions such as nervousness and anxiety, the nursing staff needs to actively communicate with the patient, patiently listen to the patient's inner doubts, and give detailed answers.. In addition, surgically related instruments need to be prepared before surgery to carry out strict disinfection related measures. Make sure the surgery goes smoothly.

3. Result Analysis and Discussion

Quantitative assessment of nurses' basic nursing knowledge and operation details is very important in detail nursing management of operating room. In order to strengthen the daily management of hospital operating room, the assessment system of quantitative investigation can help the development of daily management and strengthen the communication between nurses and patients. On the basis of strengthening nursing quality, the management system of nursing quality should be improved. The nursing department should be set as the general control, the departments should monitor each other, and the nurses should supervise each other, so that the concept of nursing service is under strict control. For the detailed treatment of the nursing work in the operating room, timely improve the unqualified work process: various nursing operations, nurse handover, preoperative patrol, intraoperative nursing, post-return visit, etc. Improving care details not only enhances the quality of care, but also increases patient satisfaction. Each nursing staff is also required to have excellent technical operation ability and high sense of responsibility, familiar with all the operating room environment, and handle the operation in strict accordance with the standards and procedures during the nursing process. Strictly sterilize the operating room and equipment to prepare for the operation. Formulate and improve preventive measures, and encourage the nursing staff by establishing a reasonable reward and punishment system, effectively avoiding infections caused by personal negligence.

4. Conclusion

In this paper, the effect of detailed nursing management in operating room on the control of nosocomial infection was studied. In addition, before the operation begins, the medical staff should also prepare all the instruments, dressings, etc. to check whether all the machines and equipment are working properly. Operating room nursing safety is the most important thing for managers, and the potential safety hazards in operating room nursing should be highly recognized. Take specific nursing methods for each problem, learn to put forward corrective measures when problems arise, so that the alarm bell rings long. It shows that detailed nursing management can effectively improve the quality of nursing staff and improve patients' satisfaction with nursing. The reason may be that the operating room detail care management team members are systematically trained and highly responsible, patient and meticulous in the care work. It can effectively and timely discover problems in the nursing process, and implement effective measures to promote the recovery of patients' condition. The results show that after the detailed nursing management of the operating room, the quality of the nursing staff is obviously improved, the management system is well-constrained, and the role of supervision, encouragement and education is obviously promoted, and the infection rate of the patient is obviously reduced.

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