

8D Report on the Impact of Quality Control on the Safety of Nursing Management in the Operating Room and the Evaluation of the Effect

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Abstract: 8D report management model, 8D reporting is a problem-solving 8-step method, quality management is carried out in the way of quality control teams, around the operating room patient safety, effective interventions, different from medical quality control thinking, suitable for quality management tools combined with medical quality management Find problems and solve problems in the daily work of surgery in a timely manner. Completing the work in a team-based manner, ensuring the efficient development of nursing quality, and establishing a complete system is a very useful tool for solving problems in the operating room, especially in the face of major adverse events, it can establish a system. Let the entire team share information and guide the team to provide a solution to the problem.

Keywords: 8D; Quality Control; Operating Room Care; Manage Security

1. 8D management method

In the daily work of the operating room, the safety of patients is crucial, 8D is the eight-step problem solving method, also known as team-oriented problem solving steps, is a tool in nursing quality management, 8D is more suitable for managing safety events, can effectively control nursing safety, there are management loopholes to enable proper and correct response, to avoid the occurrence of adverse medical safety events and serious consequences. The most common adverse events in the operating room are: the writing error of case data, the failure to deal with medical orders in time, the inventory of surgical items during surgery, the error of specimen delivery, the control of patient safety, etc. Due to the existence of such safety hazards in the work, a systematic management method is needed to control. i.e. the application of 8D. The implementation of such management methods requires the formation of an efficient team with professional skills and a leader responsible for urging the team members to complete each task strictly, carrying out safety verification and nursing quality control at all stages of the perioperative period. The 8D person in charge should participate in the 8D project as a project supporter, responsible for the review and signature of the final work quality of the team members, and the 8D team leader is responsible for the quality control and promotion of all aspects of the work process, finding problems, solving problems, and leading the team members to better develop new thinking from each problem. The composition of the 8D team is composed of department staff, who must have a rich theoretical foundation and professional skills, understand the process of operating room work, be able to correctly handle sudden emergencies at work, have certain teamwork ability, and have a strong spirit of prudence and team awareness. The application of quality control in the management of nursing care in the operating room can effectively improve the quality of care, reduce the incidence of nursing risk events, and improve patient satisfaction with nursing work. ^[1] The establishment of the 8D quality control team can effectively improve the nursing safety of the operating room and promote the efficient development of the operating room in many aspects. The implementation of the manual safety verification system has improved patient safety.

2. Operating room safety

2.1 Patient identification information verification

Surgical patient safety first is verification, and careful verification of patient information makes us an important job. The implementation of the surgical safety verification system has improved patient safety.^[2] We should receive patients according to the surgical notice, so that three checks and twelve pairs, that is, before surgery, during surgery, after surgery, check the content of the department, bed number, name, age, gender, diagnosis, surgical name, surgical site, anesthesia method, anesthesia medication, preoperative preparation, preoperative medication, must carefully check the patient's identity and surgical information, so as to avoid errors.

2.2 Protect the patient's skin

After the patient enters the operating room, as a medical staff, he should always pay attention to the patient's situation, relieve the patient's nervousness and anxiety, give the patient humanistic care, check the patient's skin condition, whether it is intact and undamaged, the surgical patient after general anesthesia due to a long time to maintain the same position on the operating table, the local skin is very easy to cause local necrosis due to compression, blood flow is not smooth, resulting in local necrosis, pressure ulcers. Caregivers should make adequate preparations before surgery, add gel pads, increase softness, paste pressure ulcer patches on bone protrusions under vertical pressure to relieve pressure, monitor vital signs during surgery, the degree of compression of the skin of one limb on the side of the cuff strap will be more obvious, and pad cotton pads can be added to reduce pressure and increase patient comfort. The duration of the operation will vary depending on the difficulty of the operation, the skill of the doctor and other effects during the operation, and the patient's skin should be focused on to avoid infection. Studies have shown that the use of operating room positional care for patients with long surgical time can greatly reduce the complication rate of patients, shorten the operation time, and reduce the amount of bleeding during surgery.^[3]

2.3 Establish an intravenous channel

Intravenous infusion is a routine nursing operation, which is a sterile operation of injecting the drug solution into the patient's body, and the nursing staff should effectively disinfect to prevent the occurrence of infection. During the operation, the medication of anesthesia determines whether the surgical process is smooth, the first step is to establish the venous channel, which must be punctured according to the surgical site, and the rough and elastic blood vessels on the healthy side are preferred to ensure the maintenance of the drug during the operation. An avic treatment team can be formed, and it has been found that the application of the static treatment team established in the nursing safety management of the operating room is very effective, which can significantly improve the satisfaction of nursing care in the operating room and the success rate of one-time puncture, reduce the incidence of doctor-patient dispute rate, and have high application value.^[4]

2.4 Inventory of surgical items

In the work of the operating room, the item inventory system is very important, the instrument nurse and the itinerant nurse must be carefully double inventory, the purpose of the inventory is to prevent the surgical items left behind, to ensure the safety of surgical patients, if the inventory of the items is indeed wrong, you can assist the examination through X-ray, and truthfully record the situation and report to the leader. In the inventory of goods, we must be careful and careful, beware of errors, so as not to cause irreparable consequences to patients. The use of needle-to-needle operating room instruments for inventory in the quality control circle mode can improve the management level of operating room instruments, and can effectively reduce the nursing error rate and ensure the safety of patient surgery, which is of clinical significance.^[5]

2.5 Maintenance of valuable instruments and equipment

During the operation, the normal operation of the instruments and equipment can directly affect whether the operation is successfully completed. We should pay attention to the maintenance of instruments and equipment, reduce the failure rate of equipment use, timely find damaged equipment, and timely repair and inspection. Every time the equipment is used, the use information, use time and operation should be accurately recorded according to the model. In the maintenance of equipment and equipment in the operating room, the application of the new normal nursing management mode can effectively improve

the knowledge of nursing personnel about instruments and equipment, correctly use equipment, and reduce the occurrence of adverse nursing management events. [6]

2.6 Shipment of specimens

Itinerant nurses and surgeons jointly verify, according to the pathological tissue test form, specimen registration book carefully checked and signed, confirmed that it is correct and placed in the designated location, locked and kept. The 8D team leader shall conduct daily inspection after inspection and verify the relevant registration information. The pathological examination results of the specimen are important for the diagnosis of the patient's disease, and whether the specimen is successfully sent for examination directly affects the quality of nursing management in the operating room. The application of the systematic management mode in the management of specimens in the operating room can effectively improve the safety of nursing, and the standard rate of correct specimen submission for examination and the pass rate of properly fixed specimens are effectively improved. [7]

2.7 Nursing essay writing

Under the background of the rapid development of global digitalization and informatization, comprehensively building an intelligent hospital can effectively improve work efficiency, effectively improve the quality of nursing documents in the operating room, and promote the safety, integrity and reliability of nursing documents. When signing some necessary records, surgeons, handwashing and itinerant nurses, anesthesiologists are not allowed to issue modern signatures, the phenomenon of missing signatures, the team leader should always supervise to prevent the occurrence of such phenomena. Information-based operating room nursing records can effectively improve the quality of nurses' written nursing records, and more timely and accurate records can help effectively improve the quality of clinical nursing. [8]

3. Continuous improvement of the management model

When it is found that an adverse event occurs, the team leader should lead the team members to find the cause together, how to solve it, find the root cause, and solve the problem. The members of the various groups should communicate more and discuss together. If an adverse event occurs, the team leader should actively deal with it, report it to the leader, and solve it together to minimize losses. As the team leader, he should assume the responsibility of supervising, promoting the smooth work of the team members, promoting the safety of nursing in the operating room, improving work efficiency, and ensuring patient safety. The evaluation of operating room nursing quality index can ensure patient surgical safety and improve the management level of nursing quality in operating room.

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