Research Based on the Improvement and Innovation of Quality Management of Disinfection Supply Center

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Keywords: Disinfection Supply Center; Quality Management; Innovation

Abstract: With the continuous development and progress of medical technology, the application of various medical devices has made great progress in existing medical technology. However, in actual applications, medical devices need to be effectively cleaned and disinfected before and after use in order to remove the corresponding Ready for next use. Therefore, the establishment of the disinfection supply center in the hospital is responsible for improving the disinfection and supply of all medical devices, and ensuring that the use of the devices is effectively managed, and that they can be effectively cleaned and disinfected before and after each use to ensure the safety of medical device use the goal of. Strengthening the research on the quality management of the disinfection supply center is of great significance for improving the quality of medical equipment cleaning and disinfection and the management of equipment use.

Introduction

The disinfection supply center is a more important department of clinical hospitals at this stage. It is mainly responsible for the disinfection and supply of medical devices, and also has the function of managing hospital infections and ensuring the safety of medical device use [1]. Therefore, this department has stricter requirements on the relevant staff's professional skills, professional literacy, and related work processes and contents. In general, medical devices can mainly include various types of containers, inspection devices, etc. Depending on the nature of the device, its life span and method of use are different. When disinfecting before and after use, the degree of disinfection of the device and the method of disinfection there are also different requirements. Strict disinfection procedures need to be formulated for different devices to ensure the effectiveness of device disinfection [2]. In addition, the supply of medical devices also requires strict management. In actual hospital work, medical equipment is frequently borrowed, and many departments have large demand for equipment. It is necessary to formulate effective management programs for the supply and collection of each device to ensure that the supply of equipment can meet the demand and improve the overall Work efficiency. This study mainly analyzes the improvement and innovation of quality management of disinfection supply centers, and aims to provide a reference for improving the quality of work of hospital disinfection supply centers. The specific content is shown below:

1. Quality Management Status of Disinfection Supply Center

1.1 Quality Management Requirements of Disinfection Supply Center

The hospital disinfection supply center is mainly responsible for cleaning, disinfecting and supplying medical equipment. Therefore, the quality management of this center is mainly divided into two aspects, namely the cleaning and disinfection of medical equipment and the supply of medical equipment. Routine quality management to develop complete quality management regulations to achieve management purposes. Among them, the main requirements for cleaning and disinfecting medical devices. After the medical device is collected, the relevant staff must first check the completeness of the medical device, including the degree of damage to the medical device,
whether the composition is complete, etc. Prepare for reporting and replace, repair or replace the overall device [3]. After that, it was handed over to the corresponding cleaning staff for the initial cleaning in a way that would not damage the equipment. After that, the corresponding cleaning agent was selected to complete the second cleaning of the medical device. Finally, the cleaned medical device was checked again to ensure the cleaning. After completion, it will be stored in the warehouse. The supply of medical equipment is mainly for the management of equipment borrowing from other departments and disinfection supply centers. Due to the large number of medical departments in the hospital, the demand for medical devices is also large. In actual work, it is necessary to fully register each medical device loan, and record the loan time, return time, borrowing purpose, borrowing time of the medical device in detail. Obtain departments, etc., to ensure that each medical device can be tracked through records to avoid the loss of equipment and malicious damage.

1.2 Quality Management Issues of Existing Disinfection Supply Centers

Because the work content of the disinfection supply center has higher requirements for the relevant staff, the relevant professional knowledge, skill level and professional quality of the staff have higher requirements. Common quality management problems of disinfection supply centers at this stage are mainly focused on insufficient professional skills of workers, low professional literacy, imperfect management specifications, and unreasonableness. With the continuous development and progress of medical technology, the precision of medical devices at this stage has gradually increased, and the requirements for cleaning and maintenance of devices have also gradually increased. Therefore, when the staff does not know enough about their own equipment, it will cause them to fail to properly and effectively perform cleaning and maintenance in accordance with the specified method of the equipment when performing medical equipment cleaning and maintenance. As a result, the medical device is greatly damaged during cleaning, which affects the normal function of the device and the accuracy of the inspection, and then affects the subsequent inspection results, leading to deviations in the formulation of the treatment plan and causing serious consequences. At the same time, if the relevant staff does not strictly follow the regulations to borrow medical devices in actual work, it may lead to the failure to track the cause of damage after the medical device is damaged, and increase the chance of losing the medical device, affecting the hospital's own interests At the same time, it may lead to the misuse of medical devices, causing serious consequences [4].

2. The Management Quality Improvement and Innovation Analysis of Disinfection Supply Center

2.1 Quality Management Improvement Methods

At this stage, there are many common methods for improving quality management in the clinic. The methods of PDCA cycle, quality control circle management, and three-level management can be used to improve the management quality of the disinfection supply center. Among them, the PDCA cycle is a detailed analysis of the existing disinfection supply center work content, and to improve the existing workflow and work management system, re-plan a new and more efficient management method, and then strictly implement the advance Plan the management plan, and analyze the existing plan implementation results after a fixed period, understand the improved work flow and the implementation effect and quality of the management plan, and the corresponding problems, and plan all kinds of resolvable problems After adjustment and resolution, it enters the next cycle and brings the unresolved problems into the next cycle for solution [5]. This cycle method is used to gradually improve the quality of work and management of the disinfection supply center; the quality control circle management rule is to establish a quality control circle for the disinfection supply center, and to closely connect the departments that are connected with the work of the disinfection supply center to increase The communication between the departments has further improved the quality of the work of the disinfection supply center. In addition, this method
can effectively enhance the mutual monitoring role of each department on the disinfection supply center, thereby effectively improving the overall management quality; the three-level management principle is to The existing management of the disinfection supply center is layered, and is divided into general management, sub-management and executive layers to make the work more detailed, reduce the complexity of the work performed by a single staff, and simplify the work. Improve, effectively improve the work quality and efficiency of staff, so as to improve the management of the work content of the disinfection supply center [6].

2.2 Quality Management Innovation Analysis

After analyzing the existing quality management methods, it can be known that the related quality management methods are mainly based on improving the existing work management system. Through such methods, the overall workflow efficiency and scientific workflow of the supply center can be effectively disinfected. However, in actual work, the degree of implementation of the system by the staff members themselves as well as the professional skills and qualities of the staff members may also lead to a decline in the overall quality of work. Therefore, in order to further strengthen the work quality and management quality of the disinfection supply center, it is necessary to strengthen the quality training and management of staff based on the existing management quality improvement methods. Relevant lectures can be held at appropriate times to systematically train the staff of the disinfection supply center to achieve the purpose of effectively improving the professionalism of the staff, so that they can strictly follow the relevant work processes and regulations to complete the work, and ensure the disinfection supply center from the implementation level Quality of work. In addition, due to the gradual complexity of the existing medical device structure, there are more requirements for the cleaning and maintenance of the instruments, and special education and training needs to be given to staff for all devices in the disinfection supply center. It enables them to understand the correct cleaning and maintenance methods of medical devices, and focuses on the cleaning difficulties, effectively improving the overall disinfection effect of medical devices and improving the overall work quality. In addition, the staff can be regularly organized to discuss and analyze the existing work process or system, to understand the problems and loopholes in the system in actual work, and to improve according to the actual situation, to gradually improve the quality of management.

Conclusion

The existing quality management methods of hospital disinfection supply centers have obvious effects in practical application. However, in actual quality management, the skills and professional quality of the staff of the disinfection and supply center are also the key points that determine the overall quality of work. It is necessary to train the staff of the disinfection supply center on work literacy, processes, and related skills to achieve the purpose of effectively improving the staff's skills and knowledge level, work quality and professional quality. In future research, we also need to continue to explore and find more effective ways to improve the management quality of disinfection supply centers.

References


