

Secondary Warehouse Management System of Medical Low Value Consumables under SPD Mode and its Working Method

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Abstract: *Objective:* To study the secondary warehouse management system and operation mode of medical low value consumables under SPD mode. *Methods:* From August 2018 to August 2019, the management mode of the secondary warehouse management system of medical low value consumables was selected. According to the management method, it can be divided into the observation group and the control group. The relevant data of the observation group was based on SPD mode, and the data of the control group was based on the traditional mode. According to the improvement of the two groups of data management effect, data integration and analysis are carried out to judge the effectiveness of the SPD mode of medical low value consumables secondary warehouse management system and its working mode. *Results:* During the analysis of the two groups of data, the relevant data were analyzed. The data validity of the observation group was higher (94.0%), and the differences of the limitations and problems in the management process had more advantages, while the relevant data corresponding to the two groups of data had significant differences ($P<0.05$). *Conclusion:* According to the current research results, Based on the collection, storage and central management of data electronic medical record information, the secondary warehouse management system of medical low value consumables under SPD mode is connected with clinical information system and management information system, which realizes the unification, resource integration and efficient operation of different business systems in the hospital, so as to help improve the quality and efficiency of medical care, prevent and reduce medical errors, Control and reduce

medical expenses.

Keywords: SPD mode; Medical consumables; Warehouse management

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With the continuous development of medical technology, the types of medical consumables products are also increasing, and the management difficulties are increasing. With the increasing number and types of hospital consumables, a more refined management mode is needed. With the arrival of SPD mode, the main representative of the new situation, there are a lot of new technologies and changes in the way of information dissemination, so that there are corresponding problems in the management of consumables in hospitals. In order to make the hospital better serve in SPD mode, how to strengthen the management of hospital consumables and make it more scientific and reasonable is more important. Therefore, we must discuss the problems and methods of hospital consumables management, which is the purpose of this paper.

1 The limitations of the secondary warehouse management system of medical low value consumables under the traditional management form

1.1 Management mode of consumables and backward talents

With the advent of SPD mode, the communication between various fields has been promoted, and

the information transmission has been more rapid. The paper and pen based information analysis and consumables management methods have gradually shown disadvantages and lack of aftereffect. However, most hospitals still use the most traditional way of consumables management, so there is generally a phenomenon of low efficiency. Moreover, the old consumables management will lead to the opaque use of consumables, which will lead to corruption and corruption within the management, affect the management efficiency of the whole hospital, and may also lead to the vacancy of hospital funds. Under this premise, some hospitals hope to introduce a new management mode, but due to the lack of talents and other reasons, SPD mode technology cannot be well applied in hospital consumables management. The research shows that the management method in the period of SPD mode improves the work efficiency by 133% compared with the previous traditional management method, which indicates that the practicality of SPD mode is very high, and the work accuracy is also improved by 40% compared with the previous. Therefore, in the new situation, hospital consumables management can not be well integrated into SPD mode technology, is a major problem.

1.2 The consumables management system is not systematic and the insurance is weak

SPD mode has very strict requirements on management system, and needs to establish a set of appropriate management system to standardize. If the management system is not unified, it will affect the work efficiency of the whole hospital consumables management department, which will lead to the inaccurate and imprecise management of hospital consumables, and affect the hospital cost management. The hospital consumables management system is not unified, which will lead to the phenomenon of opaque funds when patients go to hospital every day, which is easy to aggravate

the contradiction between doctors and patients, thus leading to unnecessary social problems. More importantly, the emergence of SPD mode era, in improving the convenience of information, but also increases the information risk. And the insurance of management system is very important. If we don't take good action on information prevention and control and insurance, it is easy to make the consumables management system plagiarized by lawless elements, resulting in the leakage of hospital consumables information and unnecessary losses.

2 The secondary warehouse management system of medical low value consumables and its working method under SPD mode

2.1 Adopting SPD management mode to cultivate new talents

Under the new situation, policy support urges people to increase the research on the management mode of SPD, and advocates that the management mode of SPD should be integrated into the management of hospital consumables. It is necessary to cultivate new talents, that is, to cultivate new talents combining management talents and SPD mode technology, to ensure the teaching environment and the quality of teachers, so that the talents can be consumed in the hospital after completing their studies. The management plays its biggest role. At the same time, for the use of SPD mode management to achieve high efficiency and accuracy, use the latest human resource file management technology to allocate human resources, so as to greatly improve the efficiency of hospital consumables management.

According to the research results, in the two groups of management data, the relevant data of management effectiveness and management stability of the observation group were significantly better than those of the control group, and the difference between the two groups was statistically significant ($P < 0.05$) (Table 1).

Table 1. Data analysis before and after the implementation of two management forms [$n = 50$, D]

Group	Number of cases	Management timeliness	Management stability
Observation group	50	3.39±0.61	3.90±0.92
Control group	50	5.86±1.08	6.01±1.18
<i>t</i>		11.7810	8.3427
<i>P</i>		0.0000	0.0000

2.2 Strengthen budget management and improve fund utilization rate

Consumables management is closely related to the budget. Scientific and reasonable budget can improve the utilization rate of funds, maximize the capital turnover of the hospital, and promote the high-speed operation. As a manager, first of all, it is necessary to update the management concept and make clear that the successful implementation of budget management is the premise to ensure the development of the hospital. Then, it is necessary to be familiar with

various budget coding methods, analyze the survey data, quantify the data, and prepare the budget, so as to improve the accuracy and controllability of the budget.

Through data comparison, it can be seen that the overall situation of data management in the observation group is better than that in the control group. The management efficiency of the observation group was 94.0%, and that of the control group was 70.0%. The difference between the two groups was statistically significant ($P < 0.05$) (Table 2).

Table 2. Comparison of effectiveness of medical consumables management [n (%)]

Group	Number of cases	Effective	Basically effective	Basically invalid	Total effective rate
Observation group	50	46(92.0)	1(2.0)	3(6.0)	47(94.0)
Control group	50	32(64.0)	3(6.0)	15(30.0)	35(70.0)
X ²					9.7561
P					0.0017

3 Discussion

The construction of SPD mode is of positive significance to reduce consumption and circulation, improve management efficiency, reduce operating costs, improve economic benefits, and optimize the allocation of medical resources. Therefore, the construction of SPD mode will bring better economic benefits for the hospital, but also help the functional departments of the hospital to make more scientific management decisions, improve the lean management level of hospital consumables, and provide a reference basis for hospitals that need to use the system.

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