

Problems and Countermeasures of Digital Teaching in Nursing Specialty

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Abstracts: Digital teaching is a new teaching method in contemporary teaching work, which plays a very important role. Based on this, this paper takes nursing specialty as the research object, analyzes the problems existing in its digital teaching, and puts forward some countermeasures for reference.

Keywords: Nursing Specialty; Digital Teaching; Problems; Countermeasure

Nursing specialty is a practical major with strong requirements for students in all aspects. Besides mastering professional nursing knowledge, students should also be able to skillfully apply modern technical means. Digital teaching is to implement teaching with the help of modern media such as multimedia and computer. How to make nursing students actively participate in teaching activities and improve their nursing professional skills is the key problem to be solved in digital teaching.

1. Digital teaching contents and requirements of nursing specialty

The digital teaching of nursing specialty is based on the current development needs of the hospital, which integrates computer technology and nursing knowledge to improve the quality of nursing. However, from the actual situation of digital teaching of nursing specialty, we can understand that there is a big gap between the existing education content and the actual nursing content, and there is also the problem of disconnection with medical technology. Most computer courses are told by computer teachers, and they do not have the knowledge of professional nursing, and cannot integrate the nursing and computer knowledge.

Nowadays, the hospital has also introduced the computer management system, which covers a lot of content, large amount, data information update speed block, such as nursing information management system, etc., these management systems and nursing professional knowledge are closely linked, which is to serve the hospital patients. This puts forward high requirements for nursing staff, in addition to professional nursing knowledge, skillfully using these management techniques is needed.

2. Problems in digital teaching of nursing specialty

2.1 The hardware and software do not match and the management system is not perfect

The smooth development of digital teaching of nursing specialty is bound to be inseparable from all kinds of hardware equipment, but from the current situation, there are still some problems, such as the lag of network facilities and equipment, the untimely update of nursing teaching system, the aging of service society and so on. At the same time, the lack of attention in the use of software, less capital investment, and lack of scientific support software resources, so that digital teaching has been affected. In addition, some of the school network infrastructure utilization rate is low and the effect is not good. The root cause of this result is that the software construction does not keep up with the speed of hardware construction, the relevant digital management software

is not perfect, resulting in hardware equipment resources is wasted. In addition, the relevant management system is not perfect, making digital teaching further hindered.

2.2 The basic level of students themselves is uneven

There are differences in the basic, understanding and learning abilities of nursing students. Some students are not enthusiastic about nursing knowledge, lack of a clear understanding of their posts, weak sense of responsibility and lack of their own skills; Some students have excellent professional nursing knowledge and familiar to theoretical knowledge, but once they meet emergency patients, they will be nervous and confused; Some nursing students have poor communication skills. Most nursing students are only children now. They have just contacted the knowledge of nursing. When they don't know some knowledge, they cannot ask questions and seek help. Especially when teachers organize students to carry out nursing practice, they lack communication skills and don't know how to communicate with patients. There is a problem that they cannot express well, and they cannot effectively use modern technical means to carry out nursing work.

2.3 Teachers' understanding of digital teaching is not comprehensive and the technology is not in place

Nursing professional teachers are the subject of digital teaching, and their teaching quality level will directly affect the teaching effect. But now there are still some writers who don't know the modern teaching technology and have low enthusiasm for study. Especially some older teachers are affected by their own habits and other factors. The speed of mastering new technology is slow, and teaching ideas are difficult to change. Some teachers mainly talk about the theory knowledge in class teaching. For example, when teaching cardiovascular system disease knowledge, some teachers only show the related symptoms of game diseases such as hypertension with multimedia, but few related to how to measure blood pressure and read abnormal ECG. At the same time, some teachers rely too much on the knowledge of textbooks. The multimedia courseware designed is to select some content from the textbooks to show them, but not to make good use of the network teaching resources. It attaches too much importance to the theory knowledge, but ignores the training of students' practical ability. Even though students have a thorough understanding of the symptoms of some diseases, they do not know how to start in practice.

3. Analysis of the digital teaching strategies of nursing specialty

3.1 Improving hardware equipment and management system

Nowadays, the development of computer technology is very fast, whether it is hardware upgrade or operating system upgrade are in synchronous. Of course, the digital teaching of nursing specialty should keep pace with the times, and improve the construction of hardware equipment, so that network equipment can meet the teaching needs. In addition, besides the construction of hardware equipment, there are also standard systems to restrict and manage. The system should be practical and operable. For example, the computer should be upgraded regularly to protect the network security.

3.2 Doing a good job in the construction of software resources while building hardware resources

Hardware construction is important, but software construction cannot be ignored. The construction of software is to create a good situation of teaching and learning for teachers and students. With the development of science and technology, great changes have taken place in the mode of software operation, from the traditional stand-alone version to the network-based server or terminal mode. Among them, the new technologies of cloud computing and cloud services improve the way of software utilization. The software runs on the server side. Generally, users only need to log in to a terminal to use the software, which optimizes the software download and installation process, saving running cost of software. Therefore, to do a good job in digital teaching of nursing specialty, we need to strengthen the construction of software resources, integrate modern new teaching methods with teaching work, and ensure the quality of teaching.

3.3 Reforming the digital teaching course of nursing specialty according to the future professional knowledge

Nowadays, the hospital has used the computer network management system, and the computer network

technology has been widely used in all aspects of hospital operation. In order to achieve a better teaching effect, the digital teaching of nursing specialty should contact the future professional needs and update the teaching content. In the actual teaching work, teachers should pay attention to the description of all kinds of system software and operation methods needed by the hospital, such as nursing information management system. Teachers should also introduce advanced theoretical ideas and technical means to broaden students' horizons, so that students can truly understand the development trend of the profession and the skill level and quality required for future work. At the same time, the course content should focus on the practical nursing work content, the application of comprehensive nursing management, scientific design of cases, so as to promote students to think about problems, and improve their skill level.

3.4 Strengthening training and improving the digital teaching technology level of teachers

In view of the uneven digital teaching level of nursing teachers, we need to increase the training of teachers, guide teachers to integrate teaching resources with simple multimedia courseware making tools, or use modern computer means to carry out nursing simulation teaching for students. Because the different ages of teachers' computer utilization level, understanding ability and other aspects of the situation are different, so the training work should be distributed, and the content of training should also be combined with the actual teaching. In addition, the school can also provide teachers with more opportunities to go out to practice learning, master the latest nursing technology short, and skillfully apply the hospital nursing information system, etc., in order to constantly improve their digital teaching level, and better carry out nursing professional teaching.

4. Conclusion

In a word, the digital teaching of nursing specialty should conform to the requirements of the development of the times and the specific needs of nursing work, improve the hardware equipment, and do a good job in the construction of software resources, so as to improve the management system, strengthen the training of teachers, and improve the technical level of teachers' digital teaching, as well as cultivate more professional nursing talents.

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