Persist in keeping pace with the times and promote the digital research of nursing education

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Abstract: In today's era when society needs diversification and occupations are diversified, talents are the ones who have a sense of social responsibility, can work hard and make a certain contribution to society. Under the conditions of changing times, social progress and market economy, it is a realistic and important task for the majority of health workers to keep pace with the times and promote the digitalization of nursing education, so as to meet people's ever-increasing demand for medical care and the needs of hospital modernization. In the process of basic nursing teaching, reasonable construction of digital resources and efficient application can not only make students' learning process more intuitive and accurate, but also provide targeted guidance according to different students' learning situations, which increases students' learning enthusiasm and initiative. This paper expounds the new situation of nursing work from many aspects, and organically combines nursing education with digitalization to create a high-quality compound nursing staff.

1. Introduction

In order to strengthen the planning and understanding of nursing in China, we should scientifically understand the practical significance of the basic development of nursing and grasp its development process. It is of practical significance to improve the research and theoretical level of this subject, so as to guide the development of nursing education more effectively. The emergence of digital learning puts forward new requirements for innovative educational ideas and methods, and also provides a good opportunity for the reform and development of nursing education.

Digital teaching resources refer to multimedia teaching materials which can run in the computer and network environment after digital processing, including media materials [1], integrated materials and online courses [2], which are characterized by diversity, sharing, expansibility and instrumentality [3]. Under the conditions of changing times, social progress and market economy, it is a realistic and important task for the majority of health workers to keep pace with the times and promote the digitalization of nursing education, so as to meet people's ever-increasing demand for medical care and the needs of hospital modernization.

2. Keeping pace with the times is an important task of educational innovation

Educational innovation is not a total negation of tradition, but both persistence and development. Persistence means adhering to the party's educational policy, insisting that education serve the socialist cause and combining education with social practice. In today's era when society needs diversification and occupations are diversified, talents are the ones who have a sense of social responsibility, can work hard and make a certain contribution to society. Great changes have taken place in the standards and concepts of talents. It is necessary to remove the institutional obstacles that restrict the development of education, strive to improve the utilization efficiency of educational resources, optimize the educational structure, expand educational resources, further transform the functions and modes of government administration of education, enhance the ability of schools to run schools independently according to law, and promote the innovation of educational system.

Keeping pace with the times and promoting the development of nursing education, the most important thing is innovation. It is also promising to innovate the concept, mode, disciplines and specialties, contents, teachers and personnel of nursing education, transform science and technology

through technical contract, and help social workers create benefits and improve their quality in the transformation of science and technology.

The change of medical mode has promoted the change of health field, and the influence on nursing work has become more extensive and profound. At present, the incidence of diseases caused by lifestyle and behavior, environmental and social factors is very high, so the concept of health includes not only physiological signs, but also psychology and spirit. Traditional nursing work is facing severe challenges. At the same time, scientific and technological progress and social development also bring opportunities to the construction of nursing discipline [4-5]. Only by seizing opportunities and overcoming challenges, actively adapting to practice and innovating nursing work can there be broad development prospects.

3. Problems in current nursing education

3.1. Problems existing in subject teaching integration

Sometimes, the arrival of science and technology can't change the traditional way that teachers instill students' knowledge. Even with the combination of information technology, it doesn't increase the density of information knowledge teaching, and the effect is counterproductive. Through the graphic and audio-visual functions of multimedia network technology, transmission and storage, and two-way visual functions, students can obtain more intuitive, three-dimensional, dynamic and real effects, so that students can enter a situation where senses such as vision, hearing and touch are used together, and abstract logical thinking and concrete image thinking are integrated [6]. Some teachers, while applying information technology, do not consider the actual nursing teaching objectives and students' needs because of their convenience. For example, the survey shows that some teachers start to discard the original blackboard writing because of their repeated use of courseware.

3.2. Insufficient digital resources of open educational textbooks

For many years, the construction of nursing discipline has made gratifying achievements, as has the overall construction of health undertakings. People's understanding of nursing work has been continuously deepened, and the political and material treatment given to nurses by the party and the state has been continuously improved. Nursing staff should not only skillfully use the basic knowledge of clinical medicine and theoretical knowledge of nursing, but also master various technical operations. We should not only have an accurate and meticulous work style, but also have a warm and kind service attitude.

Digital teaching content should be constructed by teachers and students using information technology together [7]. Teachers and students can supplement and update learning resources at any time, and teachers can reorganize and create teaching contents by using tools such as word processing, graphic image processing, audio and video processing and information integration.

In the process of studying the disadvantages of learning resources in open education. I adopted the investigation method, combined with previous experience in teaching and management, designed an online questionnaire, and let students vote online. Questionnaire content: What do you think are the shortcomings of online learning resources at this stage? (A total of 318 people voted) The survey results are shown in Figure 1.

The percentages of the eight options are basically balanced, with the percentage of "insufficient content" being low and the percentage of "lack of interest" being high. Therefore, when developing digital textbooks, it is necessary to avoid the problems involved in the eight options, and at the same time, it is necessary to enhance the interest of the construction of learning resources in order to change the boring learning atmosphere.
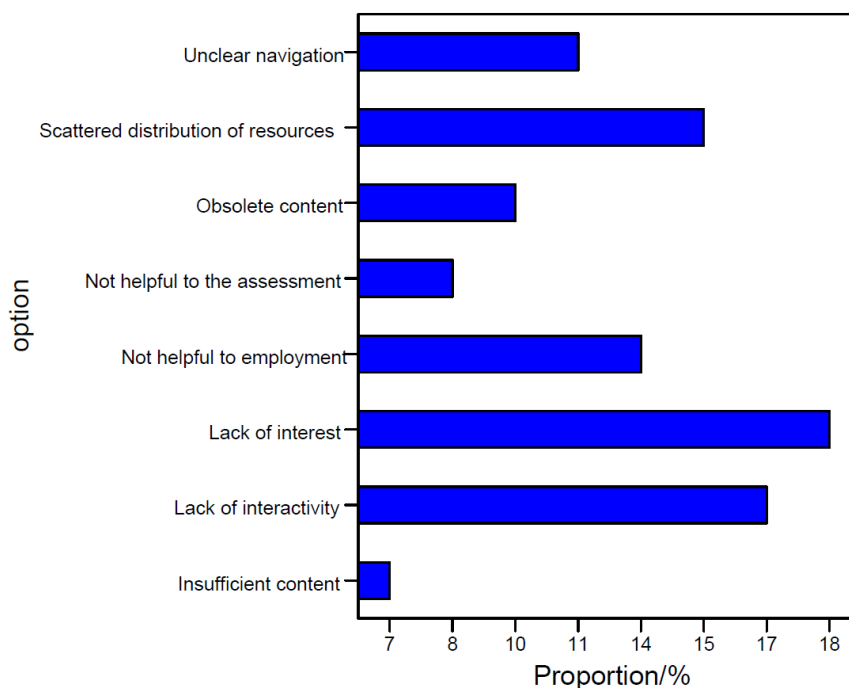
Figure 1 Survey result

4. Persist in keeping pace with the times and promote the digital construction of nursing education

4.1. Educational digital information integration

With the advent of the era of science and technology, the combination of information technology and nursing education is inevitable, and this innovative integration has changed the traditional teaching idea and improved the scientific research level of the whole education sector [8-9]. Taste "option accounts for a higher percentage. Therefore, when developing digital textbooks, it is necessary to avoid the problems involved in the eight options, and at the same time, it is necessary to enhance the interest of the construction of learning resources in order to change the boring learning atmosphere.

The foothold of integration is to reform the traditional teaching mode, and the key figure is the teacher. In the process of integrating information technology with nursing teaching, teachers should pay close attention to the relationship and interaction among teachers, students, teaching knowledge and teaching media methods. Through integration, teachers' leading thought in people's traditional ideas can be weakened, and the harmony and unity of several teaching elements can be increased [10].

In the teaching process of basic nursing, the students are mostly teenagers, who have their own ideas and concepts and have certain life experience. At this time, the role of teachers is to correct students' values and impart more knowledge. Therefore, the borrowed scientific and technological products are used to develop students' potential, which plays a guiding role. What teachers need to accept something new is to adapt to it.

More importantly, digital learning is also conducive to strengthening students' quality education. Make use of the advantages of digital learning, such as autonomy, interactivity and openness, to break the time and space constraints, fully mobilize the enthusiasm and initiative of students and give full play to their imagination and creativity. Breaking through the scope of textbooks and involving the medical frontier dynamics, basic research progress, teaching theory research, scientific research thinking, humanistic quality cultivation, etc. to further expand the educational space. Enhance students' ability of integrating theory with practice, self-study, independent problem analysis and communication.

4.2. Establish digital teaching resource pool

Teaching resource pool is the integration of various types of teaching resources serving the subject education and teaching. Figure 2 shows the structure of digital teaching resource pool. The construction of digital teaching resource database in colleges and universities aims at improving students' autonomous learning ability, providing free and high-quality educational resources for teachers and students, and promoting the realization of open teaching mode.
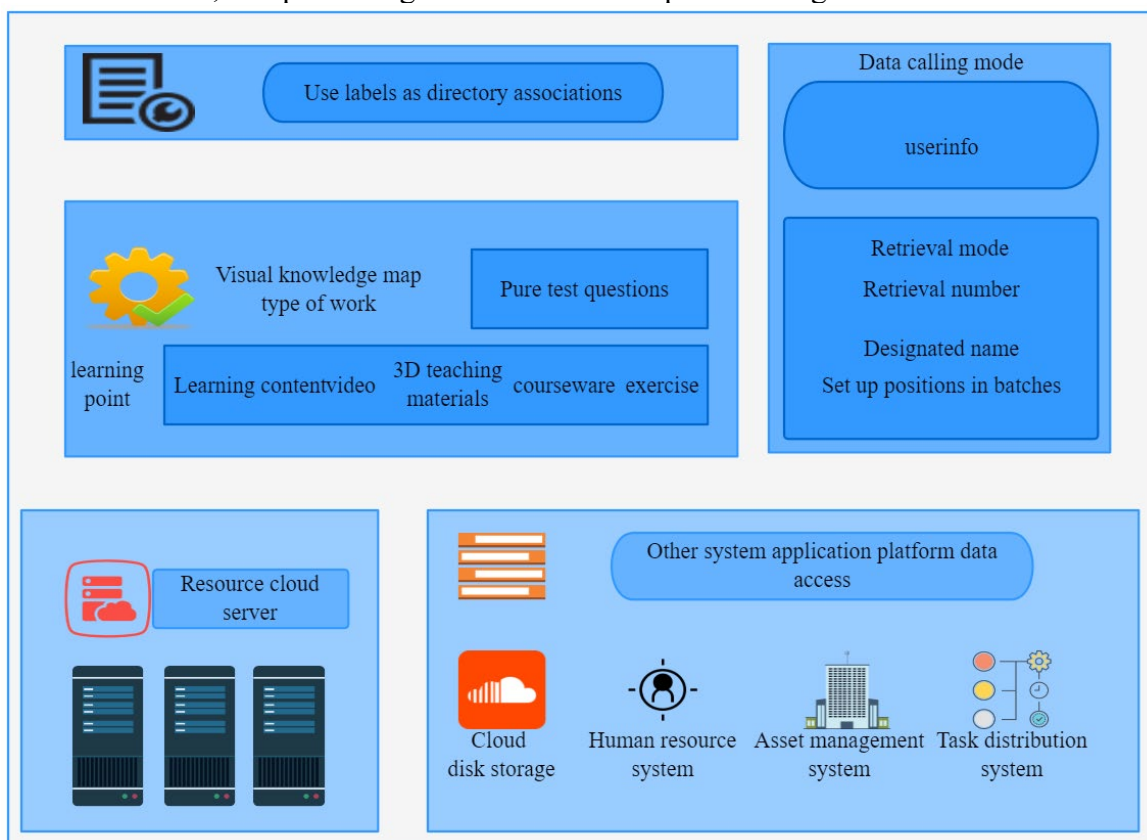

Figure 2 Digital teaching resource library structure

In order to further improve students' independent learning ability and professional skills, teachers have digitized and three-dimensional integration of basic nursing teaching resources to form a digital teaching resource library. The course learning website module is organized and designed by nursing teachers and computer technicians according to the teaching content of the course unit, taking the course syllabus as the framework, including digital teaching materials, teaching syllabus, multimedia courseware Operation skill CD, exercise library, etc.

Due to the diversity, sharing, openness, convenience and other characteristics of digital teaching resources, the traditional teaching mode of classroom teaching based on teaching materials, reference books, video CDs and other teaching resources has been changed through information and network based teaching approaches. Teaching resources are more three-dimensional, teaching methods are more diversified, and teacher-student interaction is more convenient.

4.3. Renew the educational concept of nursing discipline

With the rapid development of modern science and technology, especially the popularization of information technology, great changes have taken place in educational means. The majority of educators should fully understand the important role of educational innovation in the development of China's socialist education, constantly strengthen the firmness and consciousness of promoting educational innovation, and constantly enhance the sense of mission and urgency of promoting educational innovation.

It is reflected in nursing technical operation, basic nursing work, specialized nursing, outpatient and emergency consultation, nursing records, service attitude and other aspects. It is necessary to

correct and overcome the phenomenon that the system is not implemented, the work is not in place, and the words are not enthusiastic, and to improve nursing. Advocating "people-oriented" and "patient-centered" means breaking through the traditional concept, adding spiritual, cultural and emotional services in providing technical services, and integrating "humanization" into the whole process of nursing work. It is necessary to seriously study and train related natural sciences, social sciences and humanities, especially psychology, ethics, interpersonal relations and relevant medical laws and regulations, and constantly understand and track the multidimensional structure of the latest information and optimize knowledge.

Digital technology is a good carrier for students' autonomous learning, and students can make full use of this information technology for autonomous inquiry learning. On the premise of knowing the teaching objectives and contents, students can explore independently by combining their own knowledge structure, and the network becomes a tool and resource for students to explore, so that they can learn more and more cutting-edge nursing knowledge. For students' perplexities in preview or review, they can put forward at any time, discuss and answer them on the Internet, and teachers can take it as an understanding of students' learning situation, so as to know fairly well about each student's learning situation. Take the reflection of background data as the basis for setting teaching objectives and adjusting teaching plans.

5. Conclusions

Keeping pace with the times and promoting the development of nursing education, the most important thing is innovation. The emergence of digital learning puts forward new requirements for innovative educational ideas and methods, and also provides a good opportunity for the reform and development of nursing education. Through the functions of graphic, audio and video, transmission and storage, and two-way visualization of multimedia network technology, students can obtain more intuitive, three-dimensional, dynamic and real effects, and they can enter the situation where senses such as vision, hearing and touch are used together, thus integrating abstract logical thinking with concrete image thinking. More importantly, digital learning is also conducive to strengthening students' quality education. Make use of the advantages of digital learning, such as autonomy, interactivity and openness, to break the time and space constraints, fully mobilize the enthusiasm and initiative of students and give full play to their imagination and creativity. Only by making full use of network energy can nursing teaching have a greater breakthrough.

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