

Reform Strategies of Internal Medicine Nursing Teaching Methods in Higher Vocational Colleges under the Background of Internet+

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Abstract—With the extensive development of educational information technology in China, significant changes have been brought to all stages of education in China, including medical nursing teaching system in higher vocational colleges. Under the background of Internet+, the internal medicine nursing teaching in higher vocational colleges should also carry out targeted reform, flexibly utilize various new teaching methods, so as to improve the final teaching results. This paper first expounds the importance of medical nursing teaching reform in higher vocational colleges under the background of Internet+. Based on the analysis of the basic situation of internal medicine nursing teaching, it thoroughly and comprehensively analyzes the reform of medical nursing teaching methods in higher vocational colleges under the Internet+ background from four aspects, which refer to improving teachers' Internet literacy, integrating traditional teaching methods into Internet technology contents, actively using all kinds of modern information technology and emphasize interaction between teachers and students in various teaching methods.

Keywords—Internet+, vocational colleges, internal medicine nursing, teaching methods

I. INTRODUCTION

In the development of the new era, Internet+ has been applied more and more in all walks of life in our country, including the education industry. For the medical nursing specialty in higher vocational colleges, it is necessary to actively introduce various advanced education technologies such as big data, MOOC, cloud computing and so on, so as to realize the reform of teaching methods of medical nursing specialty. At present, a considerable part of the medical nursing profession in China has begun to combine Internet to carry out teaching reform, but the final reform effect is not ideal. This has not fully utilized the teaching methods under the Internet+ background, and it is difficult to improve the final teaching results. From this point of view, this paper talks about the reform of teaching methods of medical nursing in higher vocational colleges under the background of Internet+ [1].

II. THE SIGNIFICANCE OF MEDICAL NURSING TEACHING REFORM IN HIGHER VOCATIONAL COLLEGES UNDER THE INTERNET+ BACKGROUND

Under the background of the Internet+ era, it is very necessary to reform the teaching methods of medical nursing specialty in higher vocational colleges. Firstly, China has entered the era of Internet information, and all kinds of educational information technology have been better applied. In this background, medical nursing teaching in higher vocational colleges should also be actively reformed to ensure that educational information technology can be better applied. Secondly, medical nursing teaching is a practical subject, and it is very difficult to achieve good results only by teaching boring theoretical knowledge in the classroom. Under the background of Internet+, the internal medicine nursing teaching can flexibly display teaching contents through various new teaching methods such as multimedia, MOOC and so on, in order to change the boring classroom teaching environment. At the same time, it can effectively help to improve the skills of each student. Thirdly, in the process of strategic development of higher vocational colleges in China, the important direction of applied and skilled talents has been clearly defined, while the reform of teaching technology in Internet-based education can significantly help to expand teaching resources and lay a solid foundation for the training of skilled and applied talents. From these points of view, under the background of Internet+, it is of great significance to carry out the reform of medical nursing teaching in higher vocational colleges [2].

III. BASIC SITUATION OF MEDICAL NURSING TEACHING IN HIGHER VOCATIONAL COLLEGES UNDER INTERNET+ BACKGROUND

Under the background of the Internet+ era, although the internal medicine nursing teaching in higher vocational colleges has made some changes, the final effect is not very satisfactory. This paper gives a comprehensive presentation.

First, with the continuous improvement of the quality of people's life in our country, people also hope to get high-quality nursing services when they are ill and in

hospital. This kind of social demand also brings new requirements to the cultivation of medical nursing talents in higher vocational colleges. At present, medical nursing major of many higher vocational colleges in China have not fully met this requirement. In the specific teaching process, a single teaching method is still used, and the application effect of various information-based teaching methods is not good. The main reason for this situation is that teachers' information literacy is not high enough to ensure the full application of new teaching methods [3].

Second, under the background of Internet+ era, the reform of teaching methods of internal medicine nursing in vocational colleges is not to abandon all kinds of traditional ways directly. In fact, situational teaching, group discussion and other traditional teaching methods still have a good application effect, but traditional teaching methods need to actively integrate the Internet information technology into the current innovation and change. However, according to the actual situation of most higher vocational colleges in China, most of the teaching of internal medicine nursing specialty has not yet achieved the reform of traditional teaching methods, and it is difficult to bring the effectiveness of these teaching methods into full play [4].

Thirdly, although various kinds of Internet information technology have been used in the teaching of internal medicine nursing specialty in higher vocational colleges in China, it is mainly embodied in the general teaching methods such as multimedia. There are still some obvious shortcomings in the application of new teaching methods such as MOOC, which ultimately makes it difficult for the information-based teaching mode to achieve better results. As a result, the application of this technology should be strengthened in subsequent teaching [5].

Fourthly, in the process of medical nursing teaching in many higher vocational colleges in China, there are still some deficiencies in teacher-student interaction. In fact, the teaching method is only an auxiliary way, which can make students understand the teaching content more easily and master various teaching skills. If there is no necessary communication between teachers and students in the whole teaching process, it is difficult to achieve good teaching effect.

IV. REFORM OF MEDICAL NURSING TEACHING METHODS IN HIGHER VOCATIONAL COLLEGES UNDER THE INTERNET+ BACKGROUND

A. *Improving the Internet Information Literacy of Teachers*

In the era of Internet plus, it is very important to improve the information literacy of medical nursing teachers in vocational colleges. Here are some methods and measures that can improve teachers' information literacy:

1. Provide professional training: Schools can organize professional training, invite experts to provide training on information technology teaching, help teachers understand and master the latest information technology teaching, and improve their technical application ability [6].

2. Establish a teacher mutual assistance platform: Schools can establish a teacher mutual assistance platform to encourage teachers to share experiences and teaching resources, and learn from each other. Through the teacher mutual assistance platform, teachers can exchange their experiences and experiences in information technology teaching, and jointly improve their information literacy.

3. Encourage teachers to participate in teaching research: Schools can encourage teachers to participate in teaching research, organize teaching research activities, and promote teachers' research and practice in information technology teaching. Through teaching research, teachers can continuously improve their ability and level of information-based teaching.

4. Provide technical support and resource support: Schools can provide necessary technical support and resource support, provide teachers with the equipment and software needed to use information technology for teaching, and provide relevant teaching resources to help teachers better apply information technology for teaching.

5. Establish an evaluation mechanism: Schools can establish an evaluation mechanism for information technology teaching literacy, evaluate and provide feedback on teachers' information technology teaching abilities, promptly identify problems, provide assistance and support, and promote the improvement of teachers' information technology literacy.

Through the above measures, teachers in the internal medicine nursing major of vocational colleges can continuously improve their information literacy, better apply information teaching technology, and improve teaching effectiveness and quality. At the same time, schools should also pay attention to cultivating students' information literacy so that they can adapt to the teaching needs of the Internet plus era.

B. *Integrating Traditional Teaching Methods into Internet Technology Contents*

In the context teaching system, the integration of information technology can help teachers better construct scenarios and provide a more authentic and vivid learning experience. The following are some examples of the application of internet technology in situational teaching:

1. 3D animation and sound simulation: Teachers can use 3D animation technology to simulate the disease process and structural changes of related organs in internal medicine nursing, and use sound simulation to enable students to perceive abnormal physiological processes. This can help students more intuitively understand and experience relevant knowledge, enhance their interest and effectiveness in learning.

2. Medical simulation system: Teachers can use medical simulation systems such as MicroSim to simulate medical conditions, allowing students to conduct practical operations and decision-making in a virtual environment, providing a more realistic context. Students can practice diagnosis and treatment through simulation systems to deepen their understanding of internal medicine nursing knowledge and cultivate their application abilities.

3. Construction of psychological simulation scenarios: In addition to the construction of physiological scenarios, teachers can also consider building psychological simulation scenarios, providing virtual psychological scenarios through internet technology, allowing students to train in psychological counseling and communication skills in the simulated scenarios. This can help students better understand and apply the relevant knowledge and skills of psychological care [7].

By integrating the above internet technologies, traditional situational teaching methods can be further innovated and improved. Teachers can more flexibly construct scenarios, provide more authentic and rich learning experiences, and promote students' active participation and deep learning. At the same time, teachers also need to constantly learn and master new internet technologies in order to better apply them to teaching practice.

C. Actively Using all Kinds of Modern Information-Based Teaching Technology

In the context of Internet plus, the reform of medical nursing teaching methods in higher vocational colleges should also actively integrate various modern information teaching technologies. Based on the current information technology of internet education, various new models such as MOOC can be considered (as shown in Fig. 1). Here are some suggestions for the application of information technology in internet education [8]:

1. New models such as MOOC: Teachers can introduce online learning platforms such as MOOC to provide rich course resources and learning materials. Students can choose learning content based on their own learning progress and interests, and learn independently. At the same time, teachers can use the MOOC platform to assign open-ended questions after class, encourage students to think and innovate, and improve self-learning and innovation abilities.

2. Use of Internet course resources: Teachers can actively utilize various course resources on the Internet to broaden the knowledge content of textbook teaching. By introducing diverse resources, teachers can enrich their teaching content and provide a more comprehensive and in-depth learning experience. At the same time, teachers can also encourage students to independently search and utilize internet resources, and cultivate their ability to obtain and process information [9].

3. Cultivating students' self-directed learning and innovative abilities: Teachers can leave students with a certain degree of autonomy and encourage them to actively explore and learn. With the support of internet technology, students can conduct in-depth learning and research in their fields of interest, cultivate innovation and problem-solving abilities. Teachers can provide guidance and support to guide students in autonomous learning and innovative practices.

Through the above reform measures, the teaching methods of internal medicine nursing in vocational colleges can be more tailored to students' needs and learning methods, improve teaching effectiveness and

students' learning motivation. At the same time, teachers also need to constantly learn and master new internet education information technology in order to better apply it to teaching practice [10].

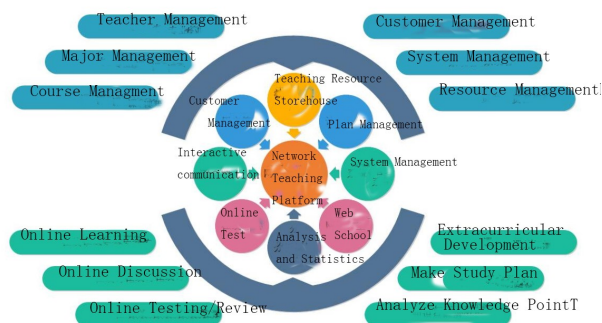


Fig. 1. Demonstration of MOOC teaching model.

D. Strengthening the Interaction between Teachers and Students in the Use of Various Teaching Methods

In the process of using various teaching methods, teachers should actively strengthen teacher-student interaction to improve teaching effectiveness and students' learning motivation. Here are some suggestions:

1. Use the internet to achieve teacher-student interaction: Teachers can use internet platforms such as WeChat and QQ groups to communicate and interact with students in real-time. Through these platforms, teachers can promptly answer students' questions, solve learning difficulties, and provide guidance and support. At the same time, teachers can also promote interaction and collaborative learning among students through online discussions, Q&A, and other methods.

2. Utilizing information technology education platforms such as MOOC to solve student problems: Teachers can use online learning platforms such as MOOC to provide learning resources and guidance for students. Students can ask questions to teachers through online platforms when encountering problems during the learning process, and teachers can respond and solve problems in a timely manner. This can improve students' learning effectiveness and experience, while also enhancing interaction and communication between teachers and students.

3. Encourage students to participate in discussions and interactions: Teachers can set up some discussion and interaction sessions to encourage students to actively participate. Through discussion and interaction, students can share their viewpoints and experiences, promoting collision and exchange of ideas. Teachers can guide students to engage in in-depth thinking and analysis, improving their critical thinking and problem-solving abilities.

Through the above teacher-student interaction measures, the teaching of internal medicine nursing in vocational colleges can be more active and effective, improving students' learning enthusiasm and effectiveness. At the same time, teachers also need to have good communication and interaction skills, actively guiding and supporting students' learning.

V. CONCLUSION

From a comprehensive perspective, the reform of teaching methods for medical nursing major in higher vocational colleges under the background of Internet+ has a more specific significance, which can effectively improve the effectiveness of personnel training and meet the specific needs of the current social market environment. But each higher vocational college should fully define the application space of each Internet information technology, and the internet information literacy of each medical nursing teacher can be effectively improved to ensure that these new teaching methods can be better implemented and used. While using various kinds of Internet information technology, teachers should also take into account the use of various traditional teaching methods, and strengthen the interaction between teachers and students in the use of various teaching methods. After that, the internal medicine nursing teaching method in higher vocational colleges can achieve better innovation under the Internet+ background, so as to promote the improvement of teaching effectiveness in higher vocational colleges.

CONFLICT OF INTEREST

The author declares no conflict of interest.

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