

Application of Information Technology in the Teaching of Obstetrics and Gynecology Nursing

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Abstract: The development of science and technology has gradually changed people's lives in all aspects, especially in the cause of education. The application of information technology in classroom teaching has greatly improved the teaching quality and radiated the vitality of the classroom. At the same time, the application scope of information technology is also expanding. The specific practice in the teaching of Obstetrics and Gynecology Nursing in China has greatly enhanced the teaching quality and teaching effect of Obstetrics and Gynecology Nursing in China. In view of the problems in traditional teaching of Obstetrics and Gynecology Nursing, this paper reasonably discusses the role and significance of information technology in the teaching practice of Obstetrics and Gynecology Nursing, as well as the problems and solutions, so as to provide references for hospitals and colleges to adopt the application of information technology in the teaching of Obstetrics and Gynecology Nursing.

1. Introduction

Compared with other departments, the clinical work of Obstetrics and Gynecology Nursing is more complex, and the operation level of medical staff has a greater impact on patients. Therefore, as one of the core nursing courses in medical colleges, the teaching quality of Obstetrics and Gynecology Nursing course has a direct impact on students' professional ability. The training effect of obstetrics and gynecology nursing staff in teaching has a direct impact on the comprehensive work quality of clinical nursing staff. With the gradual application of information-based teaching technology in the teaching of Obstetrics and Gynecology Nursing, the quality of courses has been significantly improved, and the students' learning ability, operation ability and knowledge reserve have also been greatly increased, which also improves the clinical role of Obstetrics and Gynecology Nursing. The significance and role of information technology in the teaching of Obstetrics and Gynecology Nursing are described in the following.

2. Significance of Information Technology in the Teaching of Obstetrics and Gynecology Nursing

2.1 Background of Information Technology in the Teaching of Obstetrics and Gynecology Nursing

The rapid development of science and technology makes people's life changed quickly. In recent years, information technology has been applied in all aspects of people's life, affecting people's daily life. Modern information technology has been gradually applied in education and teaching, which plays an important role in the change of educational concept, the improvement of teaching quality and the diversification of educational methods. From elementary education to higher education, university major to specific subject teaching, information-based teaching technology is fully integrated with traditional teaching to create an efficient classroom. First of all, in the pre-class preparation stage, students can do corresponding preview through online video class, and teachers can also arrange corresponding tasks through the network to lay a good foundation for classroom teaching ^[1]. Secondly, the wide application of information technology in the teaching can effectively realize the integration of educational resources. Teachers can fully prepare lessons and show the classroom in a variety of ways, such as graphics and video. Finally, in the classroom teaching stage, teachers can make full use of multimedia to create a variety of teaching situations for students, stimulate their learning interest and build an efficient classroom. And students can also consolidate their knowledge with the use of the Internet for secondary learning after class. Obstetrics and Gynecology Nursing is a complex work in clinic, which requires professionals to have high quality. Therefore, the teaching of Obstetrics and Gynecology Nursing also pays special attention to building an efficient classroom to improve students' comprehensive literacy. Modern information technology is widely used in the teaching of Obstetrics and Gynecology Nursing.

2.2 Insufficiency of Traditional Teaching Methods of Obstetrics and Gynecology Nursing

Although information technology is widely used in modern teaching practice, traditional teaching methods still account for a large part. The integration of information technology and traditional courses is to overcome the shortcomings of traditional teaching methods, optimize classroom teaching, and cultivate new talents ^[2]. In traditional teaching of Obstetrics and Gynecology Nursing, mostly textbooks are used as the domination. Teachers instill a lot of knowledge into students, but students passively accept it, so the efficiency of classroom is not high. Secondly, Obstetrics and Gynecology Nursing is a practical course that requires students to learn to practice after their understanding. However, teachers in traditional classrooms mainly focus on theoretical explanations. Students simply recite content, but it is difficult for them to integrate their actual understanding, which is not conducive to the application after going to work. Finally, Obstetrics and Gynecology Nursing course is a course with relatively boring content and more understanding concepts, and teachers use the same teaching method, which is difficult to stimulate students' interest in learning, and the teaching efficiency is not high.

2.3 Advantages of Information Technology in Teaching of Obstetrics and Gynecology Nursing

In the teaching of Obstetrics and Gynecology Nursing, the application of modern information technology has unique advantages and can achieve excellent teaching effects. For teachers, the use of information technology can fully prepare a lesson, integrate teaching resources from all over the world, and enrich the content of the course. In addition, the use of multimedia for classroom presentations can stimulate students' interest in learning and improve classroom efficiency. With the

aid of information-based teaching technology, students can conduct practical teaching and test results, and fully improve their mastery and practical ability [3]. For students, the application of information technology in the teaching of Obstetrics and Gynecology Nursing plays an important role in cultivating their abilities and promoting the improvement of overall quality. Students can improve their learning efficiency through informatized classrooms, and prepare for class and consolidate after class to help detect their own learning situation. In particular, the clinical complexity of the teaching of Obstetrics and Gynecology Nursing requires students to have high practical ability, and with the help of information-based teaching technology, students can learn skills and lay a solid foundation for practical work in the future.

3. Information Technology in the Teaching of Obstetrics and Gynecology Nursing

3.1 The Problem of Adopting Information Technology in the Teaching of Obstetrics and Gynecology Nursing

At present, the application of information technology in the teaching of Obstetrics and Gynecology Nursing in China is still restricted by different aspects such as actual operating conditions, teachers and students' acceptance, etc. There are still many problems to be solved to improve the utilization rate of information technology in the teaching of Obstetrics and Gynecology Nursing. First of all, information technology has not yet formed a complete application system in the teaching of Obstetrics and Gynecology Nursing, and the teaching information system is imperfect, and it is difficult to ensure the steady improvement of teaching efficiency [4]. Without a complete information system, it will inevitably lead to various problems in teaching that are not easy to be solved. It is even inconvenient for teachers and students to use and increase their burden. Secondly, the application of information technology requires a lot of cost. However, because its use requires learning and understanding, some teachers are unwilling to accept new things and still insist on adopting traditional teaching methods. This not only leads to inefficient classrooms, but also wastes learning resources. Finally, information technology has not yet matured in the teaching of Obstetrics and Gynecology Nursing, and knowledge errors or system failures is inevitable in the use. Therefore, teachers and students need to focus on knowledge content and assist with information technology instead of putting the cart before the horse.

3.2 Application Strategy of Information Technology in the Teaching of Obstetrics and Gynecology Nursing

In the teaching of Obstetrics and Gynecology Nursing, a variety of strategies must be adopted to give full play to the effect of information technology. First, the teaching environment should be optimized by constructing a comprehensive information management platform. Schools should increase investment in the construction of information infrastructure, build a comprehensive platform that connects teachers and students, and provide rich teaching resources to meet the learning needs of teachers and students. Secondly, schools can organize teachers and students to learn how to use information technology, teachers learn to build modern classrooms, integrate teaching resources, and improve teaching models. Students learn to use information technology to preview and consolidate professional knowledge and increase their level of practice. Finally, the obstetrics and gynecology nursing laboratory can be constructed through information technology, which is conducive to the practical operation of students and become an excellent nursing staff.

4. Conclusion

In general, it is of great significance to make full use of modern information technology in the teaching of Obstetrics and Gynecology Nursing. It is important to improve the teaching quality of Obstetrics and Gynecology Nursing, improve students' comprehensive quality and create an efficient classroom. The application of information technology in the teaching of Obstetrics and Gynecology Nursing is still insufficient. But with the progress of science and technology, we should continue to improve and develop the corresponding technology, and gradually solve the problems in the application of information technology, so as to truly realize the informatization of teaching of Obstetrics and Gynecology Nursing.

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