

Research on the Application of Modern Educational Technology in Reproductive Health Education



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Abstract: China is a populous country, and the problem of population quality is particularly serious. With the population growth and social and economic development, the country and the masses gradually realize the importance of reproductive health education. Based on the premise that China's reproductive health education started late, this paper aims to strengthen people's understanding of reproductive health, build an integrated reproductive health knowledge service platform, popularize reproductive health knowledge, and improve the quality of China's population with the help of modern educational technology.

Keywords: modern education; reproductive health; service platform

1. Introduction

Reproductive health education has attracted more and more attention from all sectors of the society. Although various departments of the state vigorously promote it, there are still some problems such as single educational form, boring content, lack of resources and insufficient interactivity. Introducing modern educational technology into reproductive health education, using modern technical means and carrying out education and teaching activities through modern teaching media can effectively solve the current problems and promote the popularization of reproductive health technology.

2. The importance of applying modern educational technology in reproductive health education

2.1 Enrich the content of reproductive health education.

The application of modern educational technology can enrich the educational content of reproductive health. Reproductive health refers to the individual's reproductive system, reproductive process and reproductive function in each stage of life, including reproductive related physical health and mental health. Due to the late start of reproductive health education in China, there is little research on reproductive health education, and it is difficult to meet the demand for educational materials and contents (Gan, 2010). In addition, Chinese people have been conservative in thinking since ancient times, and most of the contents of reproductive health education are difficult to accept for a while, so we can only screen the educational contents first, and select a few contents for educational popularization. The current model of reproductive health education focuses on physical health.

The main content of education is some common reproductive health diseases, but for some common diseases, it only stays on the introduction of hazards and preliminary prevention methods, and there is no detailed introduction to their development symptoms in different periods and treatment measures after infection, let alone mental health. At the same time, the level of reproductive health education is closely related to the local medical technology level, and its educational content is compiled according to the medical achievements related to reproductive health. However, due to the backward medical technology level in poverty-stricken areas, it will take a lot of time to compile after learning the latest medical achievements in new areas. Now, the application of educational technology can make reproductive health education break through the limitation of time and space, grasp the latest research trends in time and update the content of reproductive health education.

2.2 Improve the reproductive health education methods.

Because of the privacy of the content of reproductive health education and the conservative thinking of the Chinese people, in the past, most of the reproductive health education methods were distributing leaflets, writing propaganda slogans, and conducting youth education courses in schools. These educational methods are relatively single and have a small impact, which limits reproductive health education to teenagers, and at the same time, it is difficult to achieve better educational results through educational efforts. Using modern educational means, through multimedia teaching, the knowledge of reproductive health education is displayed through words, pictures, audio, video, etc., for example, making small popular science animations and putting them on in public places where people gather, such as buses, shopping malls, parks, etc. On the one hand, considering that people's

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thoughts are conservative, they adopt tactful ways to publicize them. On the other hand, they improve the educational methods through various forms, which not only expands the group and scope of education, but also attracts people's interest through various forms. On the other hand, they have improved the educational methods.

2.3 Fill in the deficiency of educational model

The application of modern educational technology can promote the establishment of a national reproductive health service system and a unified reproductive health knowledge service platform, and solve the problems of low academic qualifications and professional titles of current service personnel and complicated personnel structure. In the past education mode, the main body of teaching was the part-time work of civil affairs bureau staff and school teachers. Because reproductive health education has high requirements for medical knowledge, most service personnel lack relevant medical knowledge, which makes it difficult for education to achieve results. At the same time, this kind of teaching is easily limited by time and space. In the actual teaching process, it is difficult to gather people frequently to give lectures on related knowledge, which leads to reproductive health education becoming a mere formality. The application of modern educational technology, on the one hand, enables service personnel to be educated in the process of service and improve their knowledge reserve, and on the other hand, it breaks through the limitation of time and space by using modern network in electronic equipment. People can check the relevant education lectures at any time no matter where they are, which expands the scope of education and improves the teaching quality.

3. How to apply modern educational technology in reproductive health education.

3.1 Using multimedia technology to carry out all-round education

Different from the traditional education mode, the main place of reproductive health education is social public places, and its education target is the broad masses of the society. Using network multimedia, the knowledge of reproductive health is transformed into audio and video forms. For example, infectious diseases are displayed in the form of small animations, and the transmission mode, early symptoms, prevention and treatment of viruses are integrated into an animated short film. The short film is put on bus stop signs, park screens and TV public service advertisements, and relevant experts are invited to give professional lectures. For example, in the song *Hearts*, reproductive health knowledge is adapted into lyrics, *Why can't we just say that there is nothing wrong with the combination of sperm and egg. When my body began to develop, I was confused whether to bow my head or hold my chest out. When you start menstruating, you can only be shy and afraid to dodge your eyes. A teenager's heart kindles a fire of love, and he chases and loses himself. If the school doesn't teach parents, it's hard to tell right from wrong because of the chaos of network information. If you bravely say the scientific knowledge and methods of contraception, you won't have so many unexpected pregnancies, so many people will be infected with HIV. If you know it earlier, equal dialogue is the biggest prerequisite for communication, and you won't tolerate harassment and bullying, which will make your life collapse and wither.*(Li, 2011). Through the form of songs, the problems that parents avoid in the current adolescent reproductive health education are expressed

straightforwardly, and the knowledge and methods related to their own physical development, scientific contraception, and isolation of infectious diseases are popularized for adolescents, and the confusion in their hearts is solved.

3.2 Create a teaching software platform

Make full use of modern network technology to build a teaching platform for health education. With the popularity of mobile terminals and the Internet, it is possible for people to receive education at any time. Reproductive health education is transformed into online education, and the best teachers and best teaching results are spread to all directions through the network. To build a comprehensive health education platform, on the one hand, popularize mobile APP, so that social groups can log on to the platform at any time to view relevant knowledge, set up relevant courses, and transform some private reproductive knowledge into private teaching, so as to meet the current situation of people's conservative thinking(Ge, 2009). On the other hand, relevant experts are invited to settle in, answer the doubts generated by users in the course of study online, hold relevant knowledge lectures regularly, and save the audio and video materials of the lectures, so that the platform users can consult them at any time. Using the unique information database management technology and two-way interactive function of computer network, on the one hand, the system can track and record the individual data, learning process and stage of each network student completely, and on the other hand, the teaching and learning service system can put forward personalized learning suggestions for different students according to the personal data recorded by the system. Provide a realistic and effective way to realize personalized teaching. At the same time, the online teaching platform is used to carry out relevant questionnaire surveys, keep abreast of users' mental health changes, use digital means to monitor their health status, and use scientific and technological means to carry out health intervention in time.

3.3 Using video conference to carry out online training

By video conference, reproductive health education service personnel are trained in a unified way. At present, the level of reproductive health education in China is greatly limited by the professional level of service personnel. However, due to the limitation of geographical space and traffic factors, it is difficult to carry out unified large-scale training on the spot. At present, video conferencing is used for training, and the latest research results are promoted in time, providing opportunities for staff in various regions to learn from each other and answer their doubts. Through video training and mutual communication, reproductive health education staff can grasp the latest educational knowledge at the first time, and use the latest educational means to expand the scope of education and achieve better educational results.

4. Conclusion

The development of reproductive health education is of great significance to the improvement of population quality and the prevention and treatment of related infectious diseases in China. In today's society, we need to turn education into online education with the help of modern educational technology, build a stable platform for knowledge popularization, expand the scope of education, and use various educational methods to achieve good educational results and promote the improvement of population quality in China.

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Conflicts of Interest

The authors declare that they have no conflicts of interest to this work.

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