Research on Education Informatization System of Medical University

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Abstract. This paper takes the development of domestic informatization in medical universities as an example and summarizes the education system evolution. It comprehensively analyzes the necessary conditions associated with the informatization construction of medical education. It also analyzes the overall plan of construction, concrete construction mode of information education system and the results of application, combining with the development direction of information. It points out problems and deficiencies.

Introduction

With the deepening of education informatization and the arrival of knowledge-based economy, the information level has become an important index to measure the comprehensive strength of colleges and universities. In order to keep the informatization development sustainable and rapid in colleges and universities, it is necessary to make an accurate and reasonable evaluation of education information level in colleges and universities [1].

It is necessary to comprehensively use the scientific and practical evaluation method to make the evaluation results reflect the actual level of education informatization in colleges and universities, so as to promote the development of college informatization [2]. At the same time, it also provides auxiliary tools for the management of college students, laying the foundation for the cultivation of qualified talents in the new century and the comprehensive service of students.

The Current Status of Informatization in Medical University

The Current Status Abroad

Britain is a country with strong comprehensive education quality, in which the education informatization has well promoted, in accordance with the new sense of strategic vision and pragmatic spirit. The web sites for education in Europe have the most dominant conditions and market resources and actively promote the construction of informatization of education resources. After years of use and with their own conditions to strengthen information basic facilities construction, informatization gives full use of diverse resources and increases the range of national comprehensive informatization level [3]. In the world of education informatization, the UK has the advantage of advanced search function of the national learning network, but the application of education informatization is more important.

The Current Status Inland

With the aid of computer, it gradually becomes the concern of the education field, and also embodies the innovation of education concept and the theory thought. Multimedia network platform and remote communication technology are characteristics of the modern information technology. The teaching of information technology in the teaching process is got into widespread use [4]. Educators realize the modernization of education and the cultivation of innovative talents in the information age.
play a more and more important role. It is ultimate aim of information technology teaching. As the information-based teaching mode in medical teaching reform, medical education teaching design and teaching contents are widely used in the teaching activities of link with the modern information technology. It improves the classroom teaching quality [5]. The effect is obvious. In its specific application, it embodies the characteristics of the hierarchy of teaching, the diversification of means, the practice of reactivation, the dynamic learning and the globalization of resources.

**Informatization Age in Medical Education**

**The Traditional Classroom Teaching is Changing**

Medical education is entering the information age from industrial civilization at an alarming rate, along with both challenges and opportunities. Colleges and universities which are the main body of knowledge innovation and knowledge spread need to do a lot of work in education informatization. It also has achieved fruitful results and deserves more attention [6].

Modern information technology provides a powerful material technology base not only for classroom teaching, but also makes the students outside the classroom study the knowledge according to their own interest to resources. Information technology skills improve information literacy. In addition, the concept of lifelong learning promotes personalized learning. The traditional classroom teaching can’t satisfy the needs of students, meet the demand of learning in the information society or meet the needs of information society for talents [7]. The development of information technology has not only changed the teaching mode of teachers, the learning way of students, but also changed the education concept of the whole society. The corresponding teaching theory has been gradually innovated.

**The Support of Government in Education Informatization**

Under the national policy, education informatization model accelerates on the basis of full launch. The measures point to the same goal - education informatization, including upgrading infrastructure, the construction of multimedia classrooms, the use of cloud computing and the Internet, digital learning resources, teaching methods and the reform of students and teachers’ information literacy.

The realization of the informatization of education depends on the information-based learning environment and applications. Information learning environment, the development of students and teachers and the improvement of the education have pivotal roles on the progress of the society. At the same time, the information-based learning environment is faced with many challenges. How to break the shackles of traditional environment and how to build the new learning environment are the present problems [8].

Medical education informatization is the generation of human society from the text and another huge change since the invention of the printing press. To meet the challenges of knowledge economy of the world's countries education, the only way is to realize the modernization of education. At present, Chinese advanced medical education is undergoing a profound transformation.

On one hand, the rapid development of modern information society changes talents training mode and talent's quality requirements of advanced updating requirements. Advanced medical education needs to cultivate more talents to satisfy the needs of the modern society [9]. On the other hand, the higher education itself needs to survive on the basis of change, innovate and develop. It breaks the traditional education mode and goes to education modernization. Both aspects need to be supported by education informatization, so education informatization is a necessary way for the further development of Chinese medical education.

**Section Headings**

Information technology has injected new vitality to the traditional education, changing the teachers’ teaching model, student's study way, also changed the traditional teaching concept and teaching theory, prompting the large-scale popularization of education informatization, the development of
education informatization and in promoting the development and popularization of education informatization [10].

The development of informatization of education depends on good information learning environment construction. Constructing learning environment needs the support of the information technology. It relies on new theoretical basis, design and requirements of information age. Development of teaching modes changes the traditional teaching concept. The teaching model constantly collides. The development of informatization of medical education continues to improve the traditional teaching idea and teaching mode and form a new theory.

Summary
In the process of medical education teaching, educators should pay attention to the advanced technology of informatization, modern teaching means and the application way. It makes the teaching content and concept get full expression. It reflects learners’ output for the application of this service and practice of modern teaching concept, and thus more targets to improve comprehensive medical education quality and efficiency. Colleges should keep up with the pulse of the current development and constantly update education idea, the comprehensive enrichment and advanced teaching means. Full attention and effective play of the role of information technology in the implementation of curriculum reform stride forward in the direction of education informatization. Informatization technology drives the development of the modernization of medical teaching.

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References