Research on the Teaching Reform of Medical Colleges under the Background of "Internet +"

Hongyang Yu, Jiexin Chen, Haogang Zhang[*]

The Second Affiliated Hospital, Harbin Medical University, Harbin, Heilongjiang, 150001, China

*Corresponding Author

Abstract: In recent years, network technology has achieved rapid development, and various network courses have provided good services for teaching. In the context of "Internet +", colleges and universities should use effective resources to take MOOC as the main course, and colleges and universities should supplement online courses to promote the reform of medical college teaching. This article mainly analyzes the necessity and feasibility of the application of "Internet+" in medical colleges and universities, explains the problems existing in the integration of "Internet+" in medical colleges and universities, and proposes targeted solutions through in-depth analysis of the problems.

1. Introduction

The purpose of "Internet+" is to promote the integration of information technology and the education industry, thereby enhancing the effectiveness of teaching. Under the background of "Internet+", medical colleges and universities should integrate "Internet+" thinking in teaching, innovate the traditional teaching model, and improve the effectiveness of teaching.

2. Necessity of Integrating "Internet+" into Medical College Teaching

In recent years, my country has attached great importance to higher education, and the number of college students is increasing. In order to improve the quality of teaching, colleges and universities should take effective measures. The quality of medical and nursing staff in our country needs to be further improved. The demand for medical and nursing staff in society is very large, and the number of enrollment of medical students is constantly rising. For medical colleges and universities, to ensure the investment of educational hardware facilities, we must also upgrade teachers The overall quality of the team. Under the pressure of heavy teaching tasks, if teachers still adopt the traditional teaching mode, it is not conducive to training high-quality students. At present, there is a problem that the theory and practice of medical college education are not unified. Students are not interested in learning medical content, and teachers have a single evaluation of students' learning results. With the rapid development of the times, the technology is also constantly updated. Medical college education should adopt the "Internet+" thinking and reform the teaching model by quoting "Internet+" technology. Medical colleges have great challenges in education. The integration of education and "Internet+" can form a large number of new teaching methods. The MOOC, micro-class, video courses and virtual reality technology continue to emerge, providing a large amount of teaching for medical colleges. Teaching resources. If teachers can make full use of educational resources, they can broaden students' knowledge and effectively supplement traditional classroom content, thereby forming a new teaching model and injecting fresh vitality into medical college teaching. The teaching of medical colleges and universities should not only integrate education resources but also establish the thinking of "Internet+" to ensure the deep integration of "Internet+" and medical college teaching, so that the advantages of "Internet+" can be fully utilized. To change the substantive content of medical college teaching. Medical colleges should reposition the content of various disciplines, improve the teaching objectives at all stages through the formulation of teaching objectives, and integrate resources with "Internet+" thinking to form a coordinated and

unified whole in teaching.

3. The Feasibility of Integrating "Internet +" into Medical College Teaching

In recent years, the government has given great support to the cultivation of medical talents. Medical colleges and universities have improved the practical ability of medical college students through cooperation with hospitals and other means. my country's education subsidies for medical colleges and universities are very sufficient. At present, most medical colleges are equipped with multimedia classrooms. Classroom teaching is very dynamic, and the complete hardware facilities have laid a good foundation for "Internet+" teaching. From the perspective of thinking and understanding, teaching reform is very necessary. Many medical college leaders and teachers believe that teaching reform is very necessary, and also recognize the effect of "Internet +" on improving the effectiveness of education and teaching. From a practical perspective, multimedia applications have been very popular in teaching, and through the in-depth development of "Internet +" thinking, good results have been obtained in different majors. Teaching in medical colleges and universities should adopt network teaching methods such as micro-classes, MOOCs, and flipped classrooms. It is necessary and feasible to integrate "Internet+" into medical college teaching. The hardware facilities and ideological understanding of colleges and universities are very mature, which provides a good guarantee for the integration of "Internet +" in medical college teaching.

4. Problems in the Integration of "Internet +" in Medical College Teaching

4.1 Excessive Dependence on "Internet +"

Medical colleges and universities rely heavily on "Internet+" in teaching. College teachers see that there are massive teaching resources on the Internet, but they cannot combine their teaching content with teaching resources, but only use teaching resources unilaterally, resulting in classroom content. Very empty. Teachers are very dependent on the Internet in the course arrangement, and even copy the high-quality teaching plans on the Internet directly during the lesson preparation. Ignoring the individual differences of students, the relevance of education needs to be further improved. Teachers' ability to prepare lessons can not be fully utilized. A large number of young teachers are very dependent on the Internet and rely too much on virtual classrooms in the context of "Internet +". When applying online resources, teachers cannot understand the actual learning needs of students, the position of teachers in students' minds is weakened, and the functions of teachers in education are limited, which is not conducive to the cultivation of character and thinking ability of medical college students. From a long-term perspective, teachers rely too much on "Internet+" in teaching, which is not conducive to the cultivation and improvement of students' comprehensive quality.

4.2 Class Organization Needs to Be Rationalized

Nowadays, the development of "Internet+" technology is very rapid, and college students can browse a large number of high-quality teaching videos using mobile terminals. Through Internet search, they can also find out knowledge points that they do not understand. In this way, teachers speak in the classroom Students can get answers on the Internet, and the teaching videos played by teachers in the classroom can be watched by students at will. However, teachers' insufficient understanding of the classroom organization methods of the "Internet+" teaching background has led students to pay less attention to classroom learning, and the authority of teachers needs to be further improved. Medical efficient classroom teaching is that students' subjective initiative can not be fully exerted. Students often do not concentrate in class, and the teacher-student interaction in the class is insufficient. Many teachers simply think that the problem lies with the students, which has a negative psychology on education and teaching, and is more perfunctory in the teaching career, resulting in poor classroom teaching. "Internet+" has improved the unity of traditional teaching to a certain extent, but if teachers cannot use "Internet+" reasonably, it will also have an adverse effect on teaching. Medical college teachers are very solid in professional theory, but the teaching

methods of teachers need to be further improved. Teachers should change their teaching thinking under the background of "Internet+", and flexibly use network teaching forms such as flipped classrooms, micro-classes, and MOOCs. Under the background of "Internet+", they can effectively integrate textbook knowledge and online teaching resources to make teaching Effective.

4.3 Evaluation Methods Need to Be Diversified

At present, the evaluation of students in medical colleges is still based on the final assessment. Although students work very hard in their usual study, if the final examination results are abnormal, they will leave a bad impression in the teachers' minds. In the context of "Internet +", medical colleges and universities should adopt a variety of evaluation methods and adopt a three-dimensional evaluation, not only combining students' test scores, but also comprehensively understanding students' daily learning situation, combining theory and practice evaluation. A single evaluation method is not conducive to the comprehensive development of students. Under a single assessment background, students are only consolidating theoretical knowledge, but the school cannot assess the students' practical ability.

5. Teaching Reform Measures of Medical Colleges and Universities under the Background of "Internet +"

Under the background of "Internet +", medical college teaching provides students with a variety of learning methods, but it also brings certain challenges. The emergence of online courses has an impact on students' traditional classroom learning. Therefore, under the background of "Internet +", medical colleges and universities should allocate teaching content and teaching time reasonably, and combine online courses with traditional courses. In the course positioning, college teaching should be taken as the main line, and "Internet +" teaching should be the focus of assistance and student self-study. Under the background of "Internet+", medical college teachers should integrate targeted online resource courses, combine traditional classroom teaching, supplement knowledge points, and enhance the depth and breadth of teaching. Through the analysis of the specific situation of students, find out the teaching focus and integrate the traditional classroom with the network classroom, the two play a complementary role.

5.1 Establish the Status of Teachers and Grasp the Essence of Medical Education

The teaching and training goal of medical colleges and universities is to cultivate a large number of medical and nursing staff and make outstanding contributions in medical and nursing work. Qualified medical personnel must not only have solid theoretical knowledge, but also good moral character. As the main body of medical education, medical colleges should clearly realize that no matter how well-developed science and technology, "Internet +" can only play a role in teaching The auxiliary role is that the teacher is the leader in the teaching and the leader of the students. Medical college teachers should correctly recognize the essential characteristics of medical education, play their own main role in teaching, and make students subject to subtle influence by setting an example role. Teachers should pay more attention to students and communicate more with students in the usual time, so that students can shape a better heart. On the basis of mastering solid medical knowledge, they can establish a good moral customs, establish a good value and outlook on life, in the future work In a heart of love. The emergence of "Internet+" cannot completely replace teachers. Teachers should communicate deeply with students to cultivate their sentiments. When teaching knowledge, teachers can guide students to use the Internet to collect data, carry out education on medical ethics and values in the classroom, and carry out various activities through the establishment of class groups to enhance the effect of teacher-student interaction. By establishing a good teacher-student relationship, it can not only promote the physical and mental health of medical students, but also improve the effectiveness of teaching and promote the improvement of teaching standards.

5.2 Create a New "Internet +" Teaching Model

Under the traditional teaching concept, teachers lead students to preview knowledge, complete classroom tasks, and conduct knowledge review. This teaching model can no longer adapt to the teaching concept of the new era. In the era of "Internet+", teachers should make full use of teaching resources such as micro-classes and mu-classes, and supplement traditional classrooms by flipping the application of classrooms to create a new "Internet+" classroom model. Before the class, teachers can guide students to use Internet resources for preview. By establishing a WeChat group, teachers will push all kinds of materials to students, and students will preview in accordance with their own medical foundation. In the classroom, teachers use traditional teaching methods to explain the difficulties. Students have lively discussions in the classroom. Teachers guide students to exchange their learning experience and experience and discuss key issues. Teachers should also actively participate in student discussions. Through appropriate guidance, let students complete the inquiry process independently. After the whole class is over, teachers can arrange homework after class, allowing students to use the Internet to collect information and submit their own answers.

5.3 Create a Three-Dimensional Visual Classroom Effect with the Help of "Internet+"

In traditional teaching, teachers mainly use flat teaching methods such as blackboards and textbooks. Medicine is a very abstract subject. If only a flat teaching method is adopted, it is not conducive to the improvement of students' overall perception ability. Therefore, teachers can use information technology in teaching to create a three-dimensional classroom to help students understand abstract medical knowledge. For example, in the explanation of pathology, teachers can fully use the "Internet +" technology to explain the evolution of the disease, through the 3d technology display, so that students can more fully understand the process of disease. In the classroom, teachers should fully integrate the network to allow students to perform on-site simulations to enhance students' perception of knowledge. Teachers can also use virtual reality technology to explain key knowledge in the classroom, create actual combat scenarios, and enable students to conduct in real scenarios. Various operations to improve students' practical ability.

5.4 Fully Apply "Internet +" to Create an Interactive Platform for Teachers and Students

In the context of "Internet +", teachers should use network technology to strengthen teacher-student interaction, which can improve the effectiveness of teaching to a certain extent. Teacher-student interaction is not only in the classroom, the network provides a new way for teacher-student interaction. Teachers can establish a class WeChat group, and students in the group can interact and engage in intense discussions on a certain knowledge point to form new insights. Through the establishment of the WeChat group, create a high-quality class style and form an active exploration, healthy and optimistic class atmosphere. In the WeChat group, teachers can regularly arrange learning tasks, and can analyze classroom assignments. Students have problems in learning, and they can always ask teachers and classmates in the WeChat group, so that students can be at any time and any place Learn medical knowledge. The school can also establish its own WeChat public account and Weibo, publish various information in time, recommend various learning materials, and provide scientific guidance to public opinion. Students can interact with the school on Weibo and WeChat to further unify their thinking and enhance the pertinence of the school's education.

5.5 Scientific Management Student Network Application Time

Under the background of "Internet+", medical colleges make full use of "Internet+" to improve students' learning efficiency. In terms of learning, the application of "Internet+" can improve the learning efficiency of students, but if students use "Internet+" excessively, it will affect the students' rest to a certain extent. Therefore, medical colleges and universities should strictly manage the teaching time, reduce the teaching time of theoretical courses, and divide part of the time into online courses. Online courses such as MOOC require students to have terminal devices such as smartphones and computers and networks. Therefore, the school should provide students with free high-quality networks to ensure that students can smoothly conduct online learning and reduce

learning costs.

6. Conclusion

Under the background of "Internet+", medical college teaching should fully integrate network technology to realize the innovation of traditional classrooms, effectively solve the fundamental problems of traditional classroom teaching, and make the teaching full of vitality. Teachers should make full use of network technology, follow the trend of the times, and insist on putting people first in teaching, so as to improve the effectiveness of teaching and deliver a large number of medical talents to the society.

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