

Teaching Reform and Practice Exploration of Basic Medicine Curriculum Integration

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Abstract: With the deepening reform of China's higher education system, curriculum integration is one of the core tasks of major teaching reform in colleges and universities. There are many problems in the teaching of traditional basic medical courses, which seriously affect the teaching quality and level. Under the new situation, the major medical colleges should keep pace with the times and infiltrate the factors of the times, so as to continuously improve the quality and level of integrated teaching reform of basic medical courses. This paper focuses on the teaching reform and practice of basic medicine curriculum integration.

Keywords: Basic Medicine; Curriculum Integration; Teaching Reform; Practical Exploration

The integration reform of basic medicine curriculum is an important part of teaching reform in many medical colleges. In order to enable students to master the learning rules and improve the teaching effect, teachers must build a perfect basic medical course teaching system, so as to enrich the teaching content and optimize the teaching mode, continuously improving the teaching effect. Next, several thinking about the teaching reform of curriculum integration for basic medicine are discussed.

1. Strengthening the reform of basic medical courses

First, integrate traditional basic medicine into multiple related courses. The introduction of traditional basic medicine involves many basic medical courses, with complicated teaching content, large amount of information and difficulty for learning, understanding and mastering. With the implementation of the new curriculum reform, we should actively integrate the introduction of basic medicine into several closely related sub courses, so as to continuously improve the teaching quality and level. Teachers should always adhere to the principle of step-by-step teaching, from body shape teaching to functional teaching, in order to build a link between traditional basic medicine teaching and clinical medicine teaching, in line with the cognitive law and level of students, to effectively reduce the difficulty of teaching and improve the quality and level of teaching.

Second, strengthening the teaching staff. At present, there is a lack of teachers in most medical colleges and universities, especially the full-time teachers engaged in basic medical education are still facing a large gap, which requires the government to introduce relevant policies to encourage more outstanding graduates with clinical medical background to devote themselves to basic medical education. In the process of teaching integration of basic medical courses, we should break through the boundaries of disciplines, cultivate a strong faculty, and constantly optimize the internal relationship between courses. When the total class hours are not much, teaching can be completed by one teacher to ensure the teaching quality.

Thirdly, the integration of basic medicine curriculum should involve all basic medical subjects. The basic medical course involves many courses, and the strong correlation between different courses requires students to master the basic knowledge of

basic medicine. Based on this, for rehabilitation treatment technology, medical examination technology, imaging technology, health management and many other professional students, students should also master a lot of basic medical knowledge, so as to lay a solid professional foundation for their employment. Therefore, the current basic medical curriculum integration should cover all basic medical disciplines, and give priority to basic professional knowledge, without learning deeper professional knowledge.

Fourth, highlighting the professional characteristics for basic medical courses. Different medical majors have different needs for basic medical knowledge, such as rehabilitation treatment technology, students need to have better learning of basic course knowledge of human anatomy and physiology; for example, the specialty of laboratory treatment technology needs to pay more attention to the learning of basic courses of immunology and microbiology. Based on this, we should optimize the teaching content based on the students' specific specialty, highlight the professional characteristics in teaching, and continuously improve the overall teaching quality and level of basic medical courses.

Fifth, strengthening the integration of basic medical courses and clinical disciplines. Under the new situation, the purpose of integrated teaching of basic medical courses is to meet the needs of clinical medicine. At present, under the traditional teaching system, most medical colleges adopt "three-stage" teaching. From basic teaching to clinical teaching and then to clinical practice, basic medical teaching is obviously out of line with clinical medicine. Based on this, the integrated teaching of basic medical courses in colleges and universities should actively change the teaching concept, aiming to serve the clinical service and the employment of students. In recent years, more and more schools at home and abroad implement the concept of "service learning", emphasizing learning in the process of serving the society, and paying attention to cultivating students' high sense of social responsibility. Therefore, basic medical teaching should encourage students to do more clinical practice and social investigation, and promote the application of learning. For example, pathophysiology takes the diseased body as the research object, so in the teaching process, if students can contact with clinical patients early and have a perceptual knowledge of related diseases (such as clubbing finger caused by long-term hypoxia, upright breathing in acute left heart failure, dyspnea in chronic obstructive pulmonary disease, neuropsychiatric abnormalities in hepatic encephalopathy, etc.), their learning interest and learning efficiency can be significantly improved.

Sixth, strengthening the integration of theoretical teaching and practical teaching of basic medical courses. As we all know, medical specialty is very practical and professional, and the integration of theory and practice teaching is the best teaching mode. Based on this, in the teaching process, colleges and universities should fully respect the students' dominant position in teaching. As the instructor and organizer of teaching, teachers should pay attention to optimizing teaching content and mode, fully guide students to play their subjective initiative, and pay attention to cultivating students' practical ability and professional skills. For example, the experimental teaching of functional science in basic medicine courses, the basic operational skills are trained by the establishment of animal models of diseases; through comprehensive functional experiments, the ability to analyze and solve problems can be cultivated; the spirit of teamwork by the group experiments as well as the sense of innovation by the design experiments.

2. Strengthening the integration of basic medical courses and multimedia information technology

With the advent of the "Internet +" era, the role of network information technology in higher education is becoming increasingly prominent. Multimedia technology plays a vital role in the teaching of basic medical courses. Under the new situation, while integrating the teaching content of basic medical courses, we should also optimize the teaching technology, strengthen the integration of course teaching and multimedia information technology, and constantly improve the level of informatization and intelligence of basic course teaching.

Specifically, when integrating basic medical courses and information technology, we should actively use network teaching and other means to build a perfect database. The most important point is to fully respect the teaching subject status of students. Teachers should go down to the authoritative altar and return the classroom to students, providing students with rich teaching environment, advanced learning technology and tools; in the design of basic medicine curriculum, more content presentation methods should be designed, such as comprehensive demonstration, examination test, network teaching, etc., so as to realize

the deep combination of media technology and basic medicine course. Based on the specific characteristics of basic medical courses, innovative use of real case discussion, group cooperation, self-evaluation and other teaching methods to stimulate students' interest and enthusiasm in learning, and pay attention to the extension of classroom teaching, cultivate students' awareness and ability of active thinking and cooperative exploration, so as to continuously improve students' creative thinking ability. It is worth mentioning that we should pay attention to the cultivation of students' self-study ability, learn to use the network to master the latest dynamic and cutting-edge technology of this major and discipline, in order to constantly expand the scope of knowledge, cultivate the ability to obtain and process information independently, and realize comprehensive and healthy development.

3. Strengthening the integration of basic medical courses and English

With the deepening of economic globalization and world integration, China's opening to the outside world continues to improve. Colleges and universities focus on the cultivation of international medical talents. The most important point is to improve students' English language ability. Based on this, it is necessary to strengthen the integration of basic medical courses and English teaching, realize bilingual teaching, and carry out basic medical courses teaching in English, so as to enable students not only to master basic medical knowledge, but also to improve students' English application ability and cultivate their international comprehensive competitiveness.

To be specific, it is better to choose the original English textbook for bilingual basic medical course, but it should be combined with the specific acceptance ability of students. We can first select English teaching materials and use Chinese teaching to provide students with Chinese and English comparison, to ensure the teaching quality. However, in order to improve the integration of basic medical courses and English, it is very important to strengthen teachers and optimize teaching methods to cultivate medical students' bilingual learning ability and level step by step.

4. Conclusion

To sum up, strengthening the integrated teaching reform of basic medical courses is the comprehensive demand of the concept of comprehensive quality education and the in-depth reform of higher education system, which plays an important role in training professional, skilled and innovative medical talents. Under the new situation, the major medical colleges should strengthen the reform of basic medical courses, strengthen the integration of basic medical courses and multimedia information technology, and strengthen the integration of basic medical courses and English, so as to continuously improve the teaching quality and level of basic medical courses integration from all aspects and angles, improve the comprehensive strength and international competitiveness of medical talents, and meet the needs of social development international medical talents.

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