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Reforming Physiology Teaching Based On Inter-Medical School Physiology Quiz

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The Inter-Medical School Physiology Quiz (IMSPQ) is a global competition for Medical students held by University of Malaya, mostly in Kuala Lumpur. Universities around the world can send teams to participate. There are a few physiological knowledge and research progress, mainly examines the medical students physiology knowledge and clinical skills, students are required to have solid comprehensive physiology knowledge and basic English and good presentation and communication skills. In order to promote the internationalization level of medical education in our school, we selected four medical undergraduates for the 11th IMSPQ first time in 2013. Since then, we insist on sending 4-5 students to participate IMSPQ every year, and has participated the "International Physiology Competition China division" held by Xuzhou Medical University since 2016. This is a new innovation in the medical education reform of our university. Also let the new concept of international physiology teaching test our teaching effect. By participating IMSPQ, we further understand the international advanced physiology teaching idea, method and experience, promote the basic medical teaching ideas, teaching methods, teaching contents reform, further improve our school medical students' English level. The Competition in China was successfully completed in the year of 2021. The team of Central South University achieved excellent results, which reflected the initial results of our teaching reform.

In order to attract and train more students to participate in the physiology competition, we set up the optional course of "Exploring Physiological Problems", which uses the original English physiology textbooks to guide students to learn and analyze the key and difficult problems of physiology. A total of 32 classes 2 classes per week, 1-16 weeks, every Thursday evening.

Our department has undertaken the specific work of team selection, professional English strengthening, teaching and training, and leading the team to participate in the competition. With hard work, our school's performance has steadily increased every time we participate in the competition, and gain the same or even better performance as the international top universities. In the 17th IMSPQ 2019, we got the second place in the written test, the best result in history of our university. Among the more than 500 outstanding students in the world, two of our students in the written test ranked in the top 10. In the 2021 year's "International Physiology Competition China Division" competition held in Xuzhou, we won the group first place and the grand prize.

Keywords: Inter-Medical School Physiology Quiz; Physiology Teaching; Teaching Reforming