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Analysis of learning status of medical statistics for postgraduate based on Moodle platform

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The modular object-oriented dynamic learning environment (Moodle) is applied to the teaching of medical statistics and the learning situation of medical statistics is investigated by self-designed questionnaires at the beginning and end of the course. The students were divided into the high frequency group and the low frequency group according to the frequency of the course visits. The results of the final examination of the two groups and the learning status of medical statistics were compared by analysis of variance. The average score of the high frequency group was 76.22 points, which was higher than that of the low frequency group (70.22 points) and the difference was statistically significant ($P < 0.01$). The final survey and baseline survey showed that students' knowledge was improved significantly and the knowledge score of the high frequency group was higher than that of the low frequency group ($P < 0.01$). The improvement of students' understanding for medical statistics is reflected in the deepening of interest in learning, the extension of extracurricular learning time and the improvement of notes taking in class. The Moodle platform can effectively help the study of medical statistics, not only increase the students' knowledge of medical statistics, but also make a positive change to the attitude and behavior for learning medical statistics.

Biography

Cannan Wang has completed her MD from Chinese Medical University, China. She is the Teacher of School of Public Health, Southeast University. She has published more than 30 papers in English and Chinese.

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