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## Application of Sojump in the teaching of nosocomial infection and occupational prevention

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**Background:** Along with the deepening of the educational reform, innovative teaching strategies have replaced traditional teaching method and technology classroom teaching has become increasing popular.

**Objective:** To promote student-centered teaching strategies, increase students' enthusiasm, make classroom teaching and teaching evaluation more seamless and impel nursing students to truly master the knowledge and skills of infection control.

**Methods:** The online testing service of Sojump.com was used to give in-class testing and case-based facilitated discussions for 77 nursing students in West China Medical School in the spring semester in 2017. The students participated the testing and discussion through scanning two-dimensional code by mobile phones.

**Results:** The nursing students' participation rate of online tests and discussions was 100%. Compared with the spring semester in 2016, the rate of student attendance in the spring semester in 2017 increased from 95% to 98% and the average score of teacher evaluation increased from 83.53 to 93.06.

**Conclusion:** The application of Sojump.com enabled students to explore multiple cases from multiple perspectives, develop students' problem-solving skills and critical thinking and be more active in classroom learning. And it achieved the function of timely feedback of teaching evaluation, enhanced teaching quality and promoted educators to continuously explore much more mature model of teaching.

### Biography

Hui Zhang is a full-time Infection Control Nurse in West China Hospital of Sichuan University in China. She has won prize of Top 100 Excellent Paper award of Medical Education Management in China and inquiry small class teaching excellent course award of West China Medical School. She serves as the Youth Committee Member of Nosocomial Infection Control Commission, Sichuan Preventive Medicine Association and the Youth Editor Board Member of Chinese Journal of Infection Control. She has published 14 papers in SCI and Chinese journals, participated in 5 national and provincial research projects and 9 books.

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