

E-learning Platform in Surgery

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E-learning, an innovative way allowing students learning anywhere and anytime, has gained growing popularity in medical schools and educational institutions. Through the online learning platform, medical students and surgical trainees can observe and study related skills in a more realistic scenario.

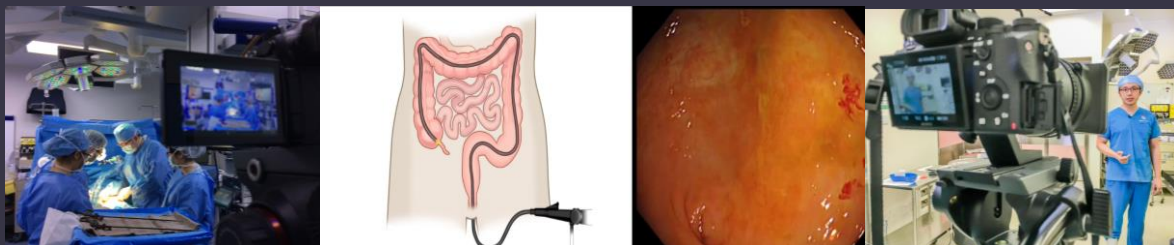
Department of Surgery in The University of Hong Kong established an e-learning platform in 2015.

Demonstration videos are the most important teaching materials in e-learning platform. In the past year, plenty of novel ways were used to deliver high quality of videos.

A full-blown green-screen studio was set up in Queen Mary Hospital. The background of videos can be designed to fit different demonstrating purposes, wherever in a clinic or a skills training center.



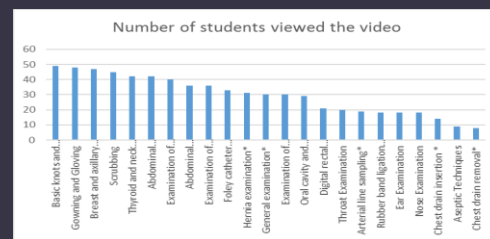
The demonstration has been shooting in various venues from operation theaters to endoscopy rooms in order to let students understand the procedures in clinical practice. Voice over recording and animation are utilized to clarify the procedures more clearly.



Students' learning can be traced by quizzes. The online statistics tools will be applied to analyze learning performance.



45 students watched the video Scrubbing, 18 students finished the quiz and their performance can be traced.



Most welcomed video has been viewed nearly 50 time just after the platform been introduced to the students.

The demonstration videos are now accessible for MBBS students and tutors in the Clinical Skills Platform. The up-to-date videos are warmly welcomed. More contents for surgical trainees are also ready to be launched.

E-learning platform provides learners a great supplement for rehearsal and refresher. Feedback from medical students and surgical trainees will promote further development of the platform. The experience from establishing this platform forms a foundation for developing technology-enhanced learning and teaching materials in the future.