The Era of "New Normal": Mobile Learning Platform “Classroom” Paving the Way for Specialty Training of Millennial Staff in Neurosurgical Unit

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Problem-based Peers Learning Program was a systematic specialty training program to junior nurses, which was firstly organized in general neurosurgical unit of QEH since 2018 Dec.

The tutorial classes and workshop were all held face-to-face. During the outbreak of COVID-19, majority of staff training activities were suspended, including our tutorial sessions. Yet, our junior staff learning, and teaching were sustained through mobile apps “Classroom”, which is a mobile learning platform.
Methodology

Application of Mobile Learning Platform “Classroom”

- Online self-directed learning
- Online problem-based scenario discussion
- Sharing of learning materials
- Online competency test and program evaluation
The pre- and post-test score was 31.25 and 85.625 respectively, which was increased by 174%. While competency level was increased by 23.25%. Knowledge level was 44% better; while competence level was 52% better after introduction of classroom apps.
DISCUSSION

Accessibility and flexibility: Users can access the e-platform anywhere and anytime, which allows greater flexibility.

Time saving: Mentors and mentees can participate in discussion through their phones or tablets anytime.

Communication: Built-in tools in Classroom allow real-time feedback on students' performance. Program information, including class announcements and assignments due dates, will be communicated using the platform.

Paperless: Scenarios, assessments, and survey uploaded to Classroom were also saved to Drive. Students can access missed work due to absences and locate other resources they may need.
Mobile learning platform “Classroom” enhanced the efficacy of specialty training and sustained self-directed learning among junior nurses in neurosurgical units in the era of “New Normal”