

6 - Formal Effectiveness Assessment of a Mechanical Ventilation Micro-module for Final Year Medical Students

Tools / Services	Pedagogical Uses
<ol style="list-style-type: none"> 1) Moodle as the platform for disseminating e-learning 2) Mechanical ventilator simulator was provided by Hamilton Medical for educational purposes 3) Technology technician to: <ol style="list-style-type: none"> a. Set up data collection program for phone application b. Creation of versions of the phone application that can be utilized in different phone platforms c. Maintenance and troubleshooting of e-learning and phone application d. Update of e-learning and phone application 4) Critical care educators to: <ol style="list-style-type: none"> a. Write MCQ assessment b. Run skills assessments 	<p>The courseware consisted of an e-chapter (written to introduce basic MV settings and physiology); online interactive cases and practice tests with a MV simulator (created to facilitate scenario-based practice. The simulator was provided by Hamilton Medical) on Moodle; question and answer forum on Moodle; a one-hour FTF tutorial (1 teacher to 6 students); and a smartphone application (for quick reference).</p>