Management of critically sick, general surgical patients can be challenging. Doctors must assess the patient in a timely manner to decide on the most likely diagnosis to offer them prompt treatment to save lives. Initial choice of treatment can be crucial in the management of critically ill patients.

There are a wide range of investigations available to help doctors reach the correct diagnosis, however there are pros and cons and risks with each test offered and it can be difficult to decide on which investigation is the best one for your patient at that time.

The project objective was to produce an interactive learning platform to allow students to manage a critically sick e-patient to enhance student’s deeper learning and promote higher order learning.

Three important classical emergency surgical scenarios: acutely painful leg, acute abdominal pain and gastrointestinal bleed were chosen. The interactive micromodules have been developed and accessed by final year medical students via CU Blackboard, to allow students to access this 24/7.

Relevant clinical images and video are imbedded into the micro-modules to improve medical students’ understanding of different special investigations available.

Formative assessment on both case diagnosis and management plan are used in each case to test student’s decision making.

Informative feedback provided for each choices of decision are welcomed by the students.

E-management of critically sick general surgical patients allows students to learn important elements of managing critically sick surgical patients but also allows them to appreciate the consequence of their decision without harming real patients.

FLYER EXPO 2019/20
Faculty of Medicine, The Chinese University of Hong Kong

Prof. Kaori Futaba; Department of Surgery, Faculty of Medicine, The Chinese University of Hong Kong

Method
Exposure to the variety of emergency surgical conditions during General Surgical attachment of medical student is unpredictable and may be limited depending on the case mix availability.

Summary
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Discussion
Decision making is an important skill to master.

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Background
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