

HONG KONG COLLEGE OF EMERGENCY MEDICINE 香港急症科醫學院	Document No.	EC-T-001
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<u>Subject</u> Mandatory Training in Emergency Medicine - Evidence Based Medicine	Review Date	30 Jun 2020
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Hong Kong College of Emergency Medicine

Mandatory Training on Evidence Based Medicine (EBM)

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Mandatory Training on Evidence Based Medicine (EBM) for HKCEM Applicable to all candidates sitting for Exit Examination in Emergency Medicine (EEM) from 2018 onwards

1. HKCEM requirement concerning EBM Training:

From 2018 onwards, fulfillment of mandatory EBM Training is a prerequisite for each EM trainee to sit for the EEM. Each trainee can fulfill this requirement by satisfactory completion of the Literature Appraisal Workshop (LAW) organized by the EBM Subcommittee of the College and passing the LAW assessment. An alternative is to complete an EBM workshop, which is similar or equivalent to LAW, and then to pass a separate LAW assessment organized by EBM Subcommittee. Examples of EBM workshops similar to LAW are:

- (1). Asia Pacific Evidence Based Medicine & Nursing Workshop and Conference in Singapore.
- (2). Evidence Based Clinical Practice Workshop of McMaster University of Canada (website: <http://ebm.mcmaster.ca/index.htm>).
- (3). Critical Appraisal Workshop in Birmingham or London, United Kingdom (website: <http://www.criticalappraisal.com/workshop/agenda>).

The application of recognition of other EBM courses not listed above is subjected to the review and recommendation of the EBM Subcommittee, Scientific Affair Committee, and the endorsement of the Education Committee.

Literature Appraisal Workshop (LAW)

2. LAW Attendance:

For EM trainees to fulfill the EBM training requirement, 100% attendance in LAW is required. It is the responsibility of the trainee to arrange their duty so as to attend LAW. Participant coming late more than 1 hour is considered as an absentee on that day.

*A participant is not allowed to proceed to the assessment if attendance <100%.

3. LAW assessment:

EM trainees will pass through the process of LAW assessment, after the last session of LAW, which consists of (1) CAT presentation and (2) Multiple choice questions (MCQ) examination.

(1) EM trainees are required to construct a Critically Appraisal Topic (CAT) according to one selected article (RCT or diagnosis) to be presented at the last session of LAW. The articles will be provided to them within 2 weeks of their presentation.

These CAT presentations will be assessed by EBM Subcommittee team members (tutors of LAW); if they are below standard, the trainees are not allowed to go through the second stage of assessment.

(2) The LAW MCQ examination will be held after the last session of LAW. There are 25 MCQs, to be answered within 1 hour, each with one option out of 4. For trainees with completion of an EBM workshop similar or equivalent to LAW (see part 1), they will be required to sit for a separate MCQ examination with format similar to the LAW MCQ examination.

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4. Remedial, failure & re-attempt of the MCQ examination:

- MCQ Passing mark = 21, i.e., 21 correct answers out of 25.
- The assessment is deemed failure if the score < 19 (straight failure).
- Remedial is to be done on the same day if the score ≥ 19 and < 21. Remedial is to examine on those MCQs with wrong answers. After remedial, total mark is recalculated & if still < 21, the assessment is considered as a failure.
- Failed candidates need to retake the same set of MCQs after 1 month.

To satisfy EBM training requirement, an EM trainee needs to re-take the next LAW if:

- ✧ Attendance < 100%
- ✧ Fail in CAT assessment
- ✧ Fail MCQ assessment after retake.

5. Dates of LAW:

The dates of LAW should be fixed in December of the preceding year and be put on the HKCEM calendar to facilitate trainees' planning.

6. Transition Arrangement:

For trainees who have attended those EBM courses listed in point 1 above, **on or before 1 July 2017**, they are considered to have satisfied the College mandatory EBM training requirement, provided that they can supply evidence of satisfactory completion of the course.