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香港中文大學醫學院
Faculty of Medicine
The Chinese University of Hong Kong

Course Name:

Basic Phacoemulsification Course

Course Objectives:

1. Pre-operative assessment
2. Principles of IOL calculation
3. Principles and surgical steps
4. Common complications and principles of their management
5. Post-operative management

Course coordinator:

Dr Vanessa Chow

Consultant, Hong Kong Eye Hospital

Clinical Associate Professor (Honorary), Department of Ophthalmology and Visual Sciences (CUHK)

Target participants:

2nd and 3rd year Ophthalmology Resident Trainees of the Hong Kong Hospital Authority who have not participated or completed the requirements of previous Basic Phacoemulsification Workshop

Registration Policies:

- 1) Practical seats per session limited (In adherence to trainee to trainer ratio should not exceed 3 to 1). For details and bad weather arrangement, please refer to the following link: <https://www.ovs.cuhk.edu.hk/training-and-education/omtp/about-our-training-programme/our-training-courses/#registration-policy>
- 2) Please refer to notes and appendix on page 3 and onwards.

Course Fee:

Free of Charge for Ophthalmology Resident Trainees of the Hong Kong Hospital Authority



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Course Programme:

Date & Time	Location	Topic	Instructor(s)
7 NOV 2023 (Tue) 19:00-20:00	Online via Zoom	<u>Lectures</u> (1) Wound construction and chop techniques (1 hr)	Dr Lawrence IU
15 NOV 2023 (Wed) 19:00-20:00		(2) Complications of Phacoemulsification & management (1 hr)	Dr Simon SZETO
15 NOV 2023 (Wed) 20:00-21:00		(3) Preoperative assessment/Phacodynamics (30 mins) (4) Various IOL types (30 mins)	Dr Shaheeda MOHAMED Dr Shaheeda MOHAMED
22 NOV 2023 (WED) 19:00-22:00	3/F OMTC, HKEH	<u>Practical (Small group sessions)</u> 1) Phaco and IOL insertion practical in model eyes (at least 1 hr) 2) Eyesi virtual reality simulation (no time limit)	Dr Bonnie CHOY Dr Lawrence IU Dr Andrew KUK Dr Shaheeda MOHAMED Dr Sophia SO Dr Leonard YUEN
		<u>Practice sessions</u>	Note: Self-practice online booking instructions will be provided in the confirmation email after registration.

Online Registration:

[Registration for CUHK OMTC Basic Phacoemulsification Course 2023](#)

For enquiries: please contact Ms Ruby Yao (Programme Manager) at (852) 3943 5850 or

omtp@cuhk.edu.hk



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Notes:

Both online lecture and practical content adhere to COHK guideline (see Appendix I)

Online lectures

1. Trainee attendance will be taken by CUHK OMTC Admin Staff who is hosting the online video conference platform. Over 75% time of attendance on each lecture is required.
2. Please use your login name (same as your registration Full name) in order to capture attendance.
3. Please switch on video to show face during the lecture.
4. Online lectures will be recorded. In case a trainee is on urgent leave, he/she may request for the recording. Please note that the recording will only be given to the trainee subject to the consent of respective course instructor.

Practical Assessment

1. In case a pre-registered trainee is absent, he/she will be arranged to attend the next available practical session (if any) provided that a written notice of absence is given to CUHK OMTC Admin Staff by email. Otherwise, the absentee should be responsible for inviting a trainer for a make-up session. CUHK OMTC will only offer venue and equipment for the make-up session.
2. Upon your arrival, an assessment form (Appendix II) will be handed to the trainee. The trainee is responsible to hand-in the assessment form to the trainer for fill and sign. Immediate feedback and debriefing from the trainer are encouraged.
3. Before leaving the practical, CUHK OMTC Admin Staff will collect from the trainee 1) assessment form filled and signed by trainer and 2) course evaluation form. We encourage the trainee to take a photo or photocopy the filled and signed assessment form for their own record.
4. CUHK OMTC Admin Staff will return your assessment form to COHK within 14 days. If trainee did not return the filled and signed assessment form to CUHK OMTC before leaving the practical, he/she will be responsible to communicate with COHK.
5. In case a trainee was recommended "Need to repeat practical session," a repeat practical session will be arranged. A new assessment form will be issued to the trainee again during the repeat practical session, and the trainee shall hand-in the assessment form to the trainer to fill and sign on site as per points #2 - #4 above.



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Appendix I.

Guidelines for Simulated Surgical Training: Cataract Extraction

1. Trainees should have completed a COHK-approved microsurgical skills training course before attending this course.
2. This course should have 2 modules:
 - I. Extracapsular extraction of cataract [ECCE] and
 - II. Phacoemulsification [Phaco]The 2 modules may be taught at the same time or separately (in any order)
3. Both modules should be completed during basic surgical training.
4. It is strongly recommended that trainees should have completed the relevant module before performing the corresponding procedure on patients under supervision.
5. The course should consist of two parts, lecture and practical.
6. The lecturer(s)/ trainer(s) must be registered trainers of the College of Ophthalmologists of Hong Kong.

Lecture: Duration must be 30 minutes or more (for each module) and should cover the following topics (for both ECCE & phaco)

1. Pre-operative assessment
2. Principles of IOL calculation
3. Principles and surgical steps
4. Common complications and principles of their management
5. Post-operative management

Post-operative management Practical: the session should cover the following topics:

- a. Use of ophthalmic operating microscope
 - b. Practise cataract extraction surgical skills (ECCE or phaco) using one or more of the following:
 - i. Animal eyes
 - ii. Artificial eyes
 - iii. Computer simulation
- Each trainee should have at least 1 hour of supervised practise time
 - The overall trainee to trainer ratio should not exceed 3 to 1
7. Training centre should apply for approval of the course at least 1 month before the proposed course date, retrospective application will not be accepted.



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8. Each approval will be valid for two years, after which the training centre concerned need to apply for approval again.
9. The training centre concerned need to return the assessment forms within 14 days after the course.



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Appendix II.

COHK Simulated Surgical Training: Cataract Extraction
Trainee Assessment Form

Date and Time of Lecture:	
Venue of Lecture:	
Date and Time of Practical:	
Venue of Practical:	
Covered Modules:	ECCE <input type="checkbox"/> Phaco <input type="checkbox"/> Both <input type="checkbox"/>

Trainee Name:

Recommendation from Trainer:

Please tick one of the following:

1. Can proceed to surgery on patients under supervision
2. Need to repeat practical session

Comments from trainer/ suggested areas for improvement (if any):

Trainer name:

Signed:

Date:

Please return this form to COHK within 14 days after the course