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Course Name:

HA KCC& NTEC Extracapsular Cataract Extraction (ECCE) Course 2023

Course Objectives:

Lecture: To allow trainees to acquire the knowledge of the following topics:

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

Practical: To allow trainees to acquire the skills of the following topics:

- a. Use of ophthalmic operating microscope
- b. Practice cataract extraction surgical skills using one or more of the following:
 - i. Animal eyes
 - ii. Artificial eyes
 - iii. Computer simulation

Course coordinators:

Prof Carmen Chan
Chief of Service, Hong Kong Eye Hospital

Dr Shaheeda Mohamed
Consultant, Hong Kong Eye Hospital

Dr Aziz Kam
Associate Consultant, Prince of Wales Hospital

Target participants:

First Year Ophthalmology Resident Trainees of the Hong Kong Hospital Authority

Date:

Lecture : 7 Aug 2023 (Mon) 14:00-15:00

*Practical 1: 7 Aug 2023 (Mon) 15:00-18:00

*Practical 2: 10 Aug 2023 (Thur) 14:00-18:00

*Practical 3: 11 Sept 2023 (Mon) 14:00-18:00

* Participants are required to attend one practical session only.



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Venue:

Lecture: Telemedicine Centre, Rooms 428-429, 4/F, Hong Kong Eye Hospital

Practical : 3/F Ophthalmic Microsurgical Training Centre (OMTC),
Hong Kong Eye Hospital, 147K Argyle Street, Kowloon

Course Fee:

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

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Course Programme:

Time	Location	Topic	Instructor(s)
7 Aug (Mon) 14:00-15:00	Rooms 428-429, 4/F, Hong Kong Eye Hospital	<u>Lecture (1)</u> Pre-operative assessment	Prof LAM Nai Man
		<u>Lecture (2)</u> Principles of IOL calculation	
		<u>Lecture (3)</u> Principles and surgical steps	
		<u>Lecture (4)</u> Common complications and principles of their management	
		<u>Lecture (5)</u> Post-operative management	
7 Aug (Mon) 15:00-18:00	3/F,OMTC, HKEH	<u>Practical</u> Use of ophthalmic operating microscope Practise cataract extraction surgical skills using: (a) animal eyes, (b) artificial eyes and (c) <i>computer simulation*</i>	Prof LAM Nai Man
10 Aug (Thur) 14:00-18:00		<i>*Computer simulation is covered in the practical session of Basic Ophthalmic Microsurgical Course – Intraocular maneuvers in Eyesi virtual reality simulator.</i>	
11 Sept (Mon) 14:00-18:00		Participants are required to attend one practical session only.	

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After Sept 11		Practice session	Self-practice online booking instructions will be provided in the confirmation email after registration.
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Registration

<https://forms.gle/4rCRcHjNe9tL3d6o8>

Practical: Registration details of practical sessions will be released later. Registration for hands-on practice is filled on a first-come first-served basis and early online registration is encouraged.

For enquiries: please contact us at (852) 3943 5850 or 3943 0702 or omtp@cuhk.edu.hk

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

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- 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

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):
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Trainer name:

Signed:

Date:

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