



The Chinese University of Hong Kong
Ophthalmic Microsurgical
Training Centre (OMTC)

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Course Name:

Basic Ophthalmic Microsurgical Course

Course Objectives:

- 1) Demonstrate ability to drive operating microscope
- 2) Demonstrate ability to place suture under operating microscope
- 3) Intraocular micro-forceps handling and bimanual training in virtual reality simulation platform

Course coordinator:

Dr Danny Ng
Associate Professor, Department of Ophthalmology and Visual Sciences,
The Chinese University of Hong Kong

Target participants:

First Year Ophthalmology Resident Trainees of the Hong Kong Hospital Authority

Dates:

Lecture 1: 2022 Jul 12 (Tue) 20:30-21:00
Lecture 2: 2022 Jul 5 (Tue) 20:00-20:30
Lecture 3: 2022 Jul 5 (Tue) 20:30-21:00
Practical: 2022 Jul 22 (Fri) 19:00-22:00

Venue:

Lecture: The lectures will be conducted online.
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)
July 12 (Tue) 20:30-21:00	The lectures will be conducted online through ZOOM	<u>Lecture (1)</u> Surgical microscope and basic setup (30 mins)	Dr Michelle Fan
Jul 5 (Tue) 20:00-20:30		<u>Lecture (2)</u> Suture materials (30 mins)	Dr Fanny Yip
Jul 5 (Tue) 20:30-21:00		<u>Lecture (3)</u> Basic suturing of conjunctiva, sclera and cornea (30 mins)	Dr Fanny Yip
Jul 22 (Fri) 19:00-22:00	3/F, OMTC, HKEH	<u>Practical</u> Use of microscope and suturing skills board* Intraocular maneuvers in Eyesi virtual reality simulator *Pig eyes would also be provided for hands-on practice.	Dr Alvin Au Dr Sunny Au (Instructor's helper) Dr Stephanie Cheung (Instructor's helper) Dr Thomas Lam (Instructor's helper) Dr Joy Leung Dr Raymond Wong

Practice session

Online booking for practice on Eyesi virtual reality simulator.

Registration

<https://forms.gle/FQ4kV6aHR5PYMRK88>

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.

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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: Basic Surgical Skills course

1. The course should consist of two parts, lecture and practical
2. The lecture should cover the following topics
 1. Set up of ophthalmic surgical theatre
 2. Ophthalmic microscope: usage and care
 3. Basic ophthalmic surgical instruments
 4. Common ophthalmic sutures
 5. Aseptic technique in ophthalmology
 6. Local anaesthetics techniques in ophthalmology
 7. Basic surgical techniques in ophthalmology: cutting and suturing
3. The duration of the lecture sessions must be 30 mins or more
4. The lecturer must be a registered trainer of the College of Ophthalmologist of Hong Kong
5. The practical session should cover the following topics
 1. Use of ophthalmic operating microscope
 2. Practise basic ophthalmic surgical skills
 - i. Cutting of material with scissors and scalpels
 - ii. Suturing of materials
6. Each trainee should have at least 30 minutes of supervised practice time
7. The trainer in the practical session must be registered trainer of the College of Ophthalmologists of Hong Kong
8. The overall trainee trainer ratio of the practical session should not exceed 3 to 1
9. Training centre should make application for approval of the course first, retrospective application will not be accepted.
10. Each approval will be valid for two years, after which the training centre concerned need to make application for approval again.
11. The training centre concerned need to return the assessment form within 14 days after the course.



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Appendix II.

COHK Simulated surgical training: Basic Surgical Skills
Trainee assessment form

Date and time of Lecture:	
Venue of Lecture:	
Date and Time of Practical:	
Venue of Practical:	

Trainee Name:

Recommendation from Trainer:

Please tick one of the following:

1. Can proceed to simulated surgical training: cataract Extraction

2. Need to repeat practical session

Trainer name:

Signed:

Date:

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