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**Course Name:**

HA KCC Posterior Segment Laser Course 2023

**Course Objectives:**

- 1) Understand the principles, indications, techniques, and complications of panretinal photocoagulation (PRP), focal/grid laser and laser retinopexy.
- 2) To practice laser procedures on model eyes.

**Course coordinator:**

Prof Carmen Chan  
Chief of Service, Hong Kong Eye Hospital

Dr Shaheeda Mohamed  
Consultant, Hong Kong Eye Hospital

**Target participants:**

First Year Ophthalmology Resident Trainees of the Hong Kong Hospital Authority

**Dates:**

Lecture: 2023 Aug 30 (Wed) 14:00 – 15:00  
Practical: 2023 Aug 30 (Wed) 15:00 – 18:00

**Venue:**

Lecture: Telemedicine Centre, 4/F Hong Kong Eye Hospital or Conducted by Zoom  
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)
Aug 30 (Wednesday) 14:00-15:00	Telemedicine Centre, 4/F Hong Kong Eye Hospital or Conducted by Zoom	<b><u>Lecture</u></b> Panretinal photocoagulation (PRP), focal laser and laser retinopexy (30 mins)	<b>Dr Tsang Chi Wai</b>
Aug 30 (Wednesday) 15:00 – 18:00	OMTC, 3/F, Hong Kong Eye Hospital	<b><u>Practical</u></b> Demonstration of laser procedures in model eye & practical sessions	

**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](mailto: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.

### COHK Guidelines for Simulated Surgical Training: Laser

1. This course should have 3 modules:
  - I. Anterior segment laser
  - II. Posterior segment laser
  - III. Glaucoma laser

The 3 modules may be taught at the same time or separately (in any order).

2. All 3 modules should be completed during basic surgical training.
3. It is strongly recommended that trainees should have completed the relevant module(s) before performing the corresponding procedures on patients under supervision.
4. The course should consist of two parts, lecture and practical.
5. The lecturer(s)/ trainer(s) must be registered trainers of the College of Ophthalmologists of Hong Kong

#### Lecture:

Modules	Content	Min duration
Anterior segment	YAG capsulotomy	20 mins
Posterior segment	Pan-retinal photocoagulation Macular laser Laser barrier	30 mins
Glaucoma	Peripheral iridotomy Peripheral iridoplasty Trabeculoplasty (ALT/ SLT/ MLT) Laser suturelysis	30 mins
3 Modules together		1 hour

The following aspects should be covered:

1. Principle of ophthalmic laser and laser safety (**mandatory**)
2. Clinical indications
3. Informed consent
4. Common complications and principles of their management
5. Post-laser management, including medication and follow-up

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**Practical:**

- Each trainee should have at least 30 minutes of supervised practice time per module(90 minutes for 3 modules)
  - The overall trainee to trainer ratio should not exceed 3 to 1
6. Training centres should apply for approval of the course at least 1 month before the proposed course date, retrospective application will not be accepted.
  7. Each approval will be valid for two years, after which the training centre concerned need to apply for approval again.
  8. 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: Laser**

Trainee Assessment Form

<b>Date and Time of Lecture:</b>	
<b>Venue of Lecture:</b>	
<b>Date and Time of Practical:</b>	
<b>Venue of Practical:</b>	
<b>Covered Modules:</b>	<input type="checkbox"/> Anterior segment <input type="checkbox"/> Posterior segment <input type="checkbox"/> Glaucoma

Trainee Name:

**Recommendation from Trainer:**

Please tick one of the following:

1. Can proceed to perform laser 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.*