



Singapore National Eye Centre

11 Third Hospital Avenue Singapore 168751
Tel: (65) 6227 7255 Fax: (65) 6227 7290
www.snec.com.sg
Reg No 198900840W

SNEC ADVANCED SURGICAL TRAINING PROGRAMME - GLAUCOMA ROTATION

The following is a training guidelines in Glaucoma subspecialty for advanced trainees and will be carried out with participation of members of the Glaucoma services, SNEC and other affiliated units.

PURPOSE AND OBJECTIVES

- a) Ensure high quality of care for patients with Glaucoma diseases.
- b) Establish criteria for subspecialty training that will provide for the continued all round training for the advanced trainee.
- c) To develop a formal training program with requirements that can be met by both the advanced trainee and the institution.

PROGRAMME OUTLINE

- a) The duration of the attachment is 6 months. The trainee should spend at least 40% of his/her time in the specialty. Please see Annex A for the weekly schedule.
- b) Clinical Teaching – patient care, examination, investigation, treatment and discussion. Trainees will be closely supervised during the period of training and should not make independent decisions.
- c) The trainee should be present all allocated Glaucoma OT sessions and assist and observe in surgery. They should make it a point to review the cases prior to surgery wherever possible and to prepare the patient for surgery.
- d) Grand rounds and daily ward reviews. Trainees will follow-up on all glaucoma cases admitted to the ward and review them in concert with Fellow and Consultants and problems and make suggestions for continued care and to present them at the Grand rounds.
- e) Resident/medical student teaching. Case presentations, clinical conferences and journal club. These will be in areas of glaucoma diseases and management and will be attended by supervisors and members of the service.
- f) Participate in ongoing clinical research and quality assurance audit programmes of the service.

SUBJECT AREA

The fellow will be exposed to a broad variety of retinal glaucoma disorders. The experience should include primary open angle glaucoma, primary angle closure glaucoma, secondary glaucoma and development glaucoma.

a) Visual field reading

The fellow should be competent in the reading of both Goldman and Humphrey visual field.

b) Ultrasound biomicroscopy

The fellow will learn to operate and evaluate the UBM

TRAINING IN GLAUCOMA SURGERY / LASER

The training will include hands-on training in Glaucoma surgery in the following categories:

a) Trabeculectomy

The fellow should assist in trabeculectomy and trabeculectomy with antimetabolites like 5FU and MMC. A minimum of 30 cases is recommended. They will be asked to perform specific steps during the surgery. If competent, they may be given chance to complete the surgery. We will try to provide about 5 cases for training during the rotation.

b) Combined trabeculectomy with cataract surgery

The fellow should assist in either combined trabeculectomy with ECCE or combined trabeculectomy with phacoemulsification. A minimum of 30 cases is recommended. They will again asked to perform specific steps during the procedures or asked to complete the whole procedure under supervision. Trainees should strive to achieve this an attempt 3 to 5 cases during the rotation.

c) Glaucoma drainage important surgery

d) Cyclodestructive procedures.

e) Difficult cataract surgery in glaucoma patients.

The trainee should also assist these procedures whenever the opportunity arises.

a) Glaucoma laser procedures

The fellow will be attended to a laser session on alternate Wednesday afternoon. He should observe the glaucoma related laser procedures such as laser iridotomy, laser iridoplasty, laser trabeculectomy and trans scleral cyclophotocoagulation.

DOCUMENTATION AND VERIFICATION

- a) The trainee will keep a log of all laser and surgical procedures performed during the period of training. This will be reviewed at the end of the posting.
- b) All non clinical activities eq case presentation, conferences, journal club during the term should be recorded.
- c) The trainee will be assessed and a report given by the Glaucoma service Head and one other supervisor.

PROGRAM SUPERVISOR

Director : Dr Steve Seah
Advisor : Prof Arthur Lim
Supervisor : Prof Paul Chew
Dr Francis Oen
Dr Daniel Sim

ANNEX A

Weekly Schedule

SESSION/ DAY	MON	TUES	WED	THURS	FRI
AM	L Clinic/ Glaucoma Dr F Oen		Glaucoma Clinic A/Prof P Chew or L Clinic Dr S Seah		Glaucoma Clinic Dr F Oen
PM			CME	Glaucoma OT Dr S Seah	Glaucoma Clinic