

SINGAPORE MEDICAL COUNCIL**ACCREDITATION OF UPPER GASTROINTESTINAL, BARIATRIC SURGERY AND ENDOSCOPY ADVANCED FELLOWSHIP**

Institution: National University Hospital

Period of Training: 12 months

Department: Department of Surgery

Training Program: Upper Gastrointestinal, Bariatric Surgery and Endoscopy Advanced Fellowship

PROGRAM DIRECTOR

Prof Jimmy So Bok Yan

Senior Consultant

Division of Upper Gastrointestinal Surgery

Department of Surgery, National University Hospital

TRAINING DURATION AND LOCATION

The duration of the fellowship training is 12 months. The training location will be at Department of Surgery, Ng Teng Fong Hospital, Alexandra Hospital and National University Hospital.

NO. OF FELLOWS PER YEAR: 1**ENTRY REQUIREMENTS**

MRCS and FRCS or equivalent, subject to SMC and MOM approval

OBJECTIVES OF THE TRAINING PROGRAMME

The Advanced Upper Gastrointestinal (UGI) Surgery Fellowship is a post-residency programme conducted by the Department of Surgery, National University Hospital, National University Health System, Singapore. Educational activities will only take place in the clinical research facilities of the National University of Singapore, Yong Loo Lin School of Medicine and NUHS (i.e., National University Hospital, Ng Teng Fong Hospital & Alexandra Hospital & upcoming Tengah Hospital) only).

- The Trainee (Clinical Fellow) will only practice in Department of Surgery, NUHS (i.e., National University Hospital, Ng Teng Fong Hospital & Alexandra Hospital & upcoming Tengah Hospital only).
- The Trainee (Supervisee) would be supervised at all times by a SMC-approved Supervisor from Department of Surgery, National University Hospital, Ng Teng Fong Hospital & Alexandra Hospital & upcoming Tengah Hospital only.
- The Trainee (Clinical Fellow) will be performing night duties as it is for training purposes and not as a service need as some specialty work is done on call.

The Fellowship is designed to provide post-residency advanced clinical and research training in the evaluation and treatment of diseases in UGI surgery- namely of the esophagus, stomach and duodenum; and Bariatric Surgery. The Trainee will be exposed to different clinical activities from clinical practice to operative surgery, from research programme to educational programme, from day surgery to clinical ward. He/She will be involved in a multidisciplinary team-based approach. In addition, the Trainee will also be exposed to both diagnostic and therapeutic endoscopy. The Fellowship offers a variety of open and laparoscopic procedures such as D2 radical gastrectomy, radical esophagectomy, laparoscopic fundoplication, Peroral endoscopic myotomy, endoscopic mucosal resection, laparoscopic gastrectomy for cancer and various bariatric surgical procedures such as laparoscopic sleeve gastrectomy and gastric bypass.

PERCENTAGE OF TIME SPENT IN CLINICAL ACTIVITY: 70%
PERCENTAGE OF TIME SPENT IN RESEARCH ACTIVITY: 30%

TEACHING

ASTC (Advanced Surgery Training Centre): 3 virtual laparoscopic surgery simulators; wet lab with 10 laparoscopic system, dry lab with 10 lap system for basic and advanced training; digital library; multimedia facility.

FACILITIES:**SALARY:**

No (honorary fellowship) or Yes (paid fellowship)

COMPONENTS OF TRAINING

The fellow will attend the various department teachings and meetings. He/She is expected to attend the daily ward rounds and will be assigned some patient responsibilities. He/She will also be expected to attend clinics, endoscopy, surgery and research activities within the UGI & General Surgery Service, which will be allocated at the discretion of the programme director.

CALL RESPONSIBILITIES:

Yes, for training purposes and not as a service need as some specialty work is done on call.

TEACHING RESPONSIBILITIES: Yes**COURSE/ ACADEMIC PRESENTATION:** Yes

WEBSITE: <http://nuh.com.sg>

CONTACT INFORMATION: Delcie Cheong , surdcls@nus.edu.sg Chin Yee Yan, yeeyan@nus.edu.sg

FELLOWSHIP PROGRAMME STAFF:

Programme Director:

Jimmy So Bok Yan, MBChB, FRCSEd, FRCS (Glasg), MPH, FAMS

Senior Consultant:

- Asim Shabbir, MBBS (PAK.), MMed (S'pore), FRCS (Edin.)
- Davide Lomanto, MD, PhD, FAMS

Consultant:

- Sri Ganeshamurthy Thrumurthy, MBChB (Hons), MBA, LL.M., FRCS (Gen Surg), FRCP (London), FHEA, FAcadMed
- Daryl Chia Kai Ann, MBBS (S'pore), MRCS (Ire), MCI (NUS), MMed (Surgery), FRCS (Edin)

METHOD OF TRAINING

Regular supervision and guidance through the above mentioned program, with the following weekly schedule:

	Monday		Tuesday		Wednesday		Thursday		Friday	
AM	Ward Rounds		Department M&M		Ward Rounds		Ward Rounds		Ward Rounds	
			Ward Rounds							
	Private Clinic (USC)	OT	OT	Private Clinic (USC)	Endo Center	Endo Center/ Clinic @ AH	Sub Clinic (SSC)	COMS Clinic (USC)	Sub (SSC)	Clinic
	Lunch						Department UGI Meeting		Lunch	
PM	Endo Center	OT	OT	COMS Clinic	Private Clinic		Private Clinic (USC)		COMS Clinic (USC)	Endo Center
					UGI Multidisciplinary Tumour Board Meeting					

ROTATIONS TO OTHER DIVISIONS OR SERVICES

The fellow will spend most of his training time with the Upper Gastrointestinal Service during his/her period of training. However, the fellow may be requested to rotate as to other Divisions or Services in Department of Surgery which is related to Neurosurgery:

- Division of General Surgery
- Division of Plastic Surgery

This rotation will only be a minor component of the overall training and will be subject to the approval from the relevant department. The fellow will be practicing at Department of Surgery, Ng Teng Fong Hospital, Alexandra Hospital and National University Hospital only.

Name of Institution	Percentage of Time	Department / Division(s)
National University Hospital	60-100%	Surgery / General Surgery & Upper Gastrointestinal Surgery
Alexandra Hospital	Maximum 20%	Surgery / General Surgery & Upper Gastrointestinal Surgery
Ng Teng Fong Hospital	Maximum 20%	Surgery / General Surgery & Upper Gastrointestinal Surgery

SUPERVISION

1. A supervising consultant will be assigned to oversee and co-ordinate learning and clinical activities of the fellow for the 12 months of training. He/ she will not be assigned to supervise more than 2 fellows or more depending on the eligibility of the supervision under the guidelines of SMC.
2. He/she will be responsible for the evaluation of fellow's progress and will give feedback to the fellow regarding areas of concern.
3. All clinical work that the fellow is responsible for will be supervised by the senior consultants or consultants within the team.
4. The fellow would be supervised by a SMC-approved supervisor from the Department of Surgery, Ng Teng Fong Hospital, Alexandra Hospital and National University Hospital only, at all times.

OUTCOME ASSESSMENT:

There will be both a mid-fellowship and an end-of-fellowship assessment and feedback session with the Programme Director. Fellows are expected to maintain their own logbook, which will be reviewed by the Programme Director during these assessments.

RESEARCH

1. All fellows would be encouraged to take part in division related audits and research projects.
2. Fellows will be actively engaged in research implementation, design and execution.
3. All research will be in accordance to the department protocol and DSRB.

TERMINATION CLAUSE:

Termination of the appointment will take place if the candidate is deemed unsafe, unreceptive to teaching, unethical or is found to be abusive to the patients.

FEEDBACK MECHANISM FOR TRAINEES

Fellow is encouraged to provide direct feedback to the Program Director during the quarterly review and written feedback at 6 months' interval. Fellow will approach the Head of the division or department for issue related to the Program Director.