

NUHS GENERAL SURGERY RESIDENCY PROGRAMME

The University Surgical Cluster (USC) at NUHS comprises of 14 specialties including Breast Surgery, Colorectal Surgery, Endocrine Surgery, Hepatobiliary and Pancreatic Surgery, Neurosurgery, Plastic Reconstructive and Aesthetic Surgery, Trauma Surgery, Upper Gastrointestinal Surgery, Urology, Paediatric Surgery, Cardiac Surgery, Thoracic Surgery, Vascular Surgery and Multi Organ Transplant Surgery.

The availability of comprehensive services ensures that the residents will receive broad-based training that ensures competency in several subspecialty areas in Surgery. Through this broad-based training in the common trunk General Surgery Programme, residents will be well prepared to specialise in other programmes such as Cardiothoracic and Vascular Surgery, Hand Surgery, Neurosurgery, Paediatric Surgery, and Urology, all of which are available at NUHS.

Every specialty in Surgery has leaders in their respective fields who are accessible, approachable and are outstanding teachers.

The USC has established a comprehensive infrastructure and unique initiatives to train, to teach and to develop state of the art care for patients including Advanced Surgery Training Centre, Initiative for Research and Innovations in Surgery (I.R.I.S.), Medical Engineering Research & Commercialization Initiative (MERCi), Basic science laboratories and Comprehensive databases.

The programme in General Surgery is designed to provide a combination of clinical experience, didactic teaching and ample opportunities for research. Several residents get opportunity to pursue Masters programme (MPH/MCI) during the residency training.

Our goal is to train future academic surgeons of the highest professional, ethical and academic standard.

Outstanding Features

Core Strengths

- University educational award-winning clinical teachers
- Structured didactic and organised teaching integrated into clinical practice
- Fully functional Simulation Training Facility for advanced and evolving surgical technologies
- Opportunity to perform research with leading clinician-scholars and clinician-scientists
- Specialised tertiary surgical programmes including transplantation and robotic surgery



Programme Structure

Duration and Content of the Training Programme:

1. Total duration of the categorical General Surgery (GS) Residency training is 5 clinical years (60months).
2. The initial 3 years are to be focused towards the development of a broad-based surgical foundation with acquisition of general medical and critical care competency along with basic surgical and laparoscopic skills.
3. The R1 period will be a minimum of 12 months in duration and will begin from the time of graduation/acceptance into the residency programme and continue until the 30th June of the academic year that they complete R1.
4. R1 comprises 3 months of General Medicine and at least 9 months of surgical postings, of which at least 5 months is in the clinical practice of a core General Surgery discipline.
5. From R2 onwards, rotations through services will be on a 2 to 3-monthly institutional schedule with the flexibility for smaller blocks of the rotation to maximise exposure to valuable non-core rotations.
6. The last two years of residency (senior years) will allow chief resident level responsibility on core general surgical rotations and the opportunity to have elective rotations to develop a subspecialty interest.
7. Of the 60 months from R1 to 5, a minimum of 42 months must be within General Surgery core content rotations. No more than a total of 12 months of the junior years (R1-3) can be spent in any one surgical specialty other than General Surgery and at least 6 months of each year should be spent in a core General Surgery rotation (for a minimum of 18 months from R1 to R3).
8. Core General Surgery rotations from R1 to R3 are: General Surgery (Alimentary Tract, Upper Gastrointestinal Surgery, Colorectal and Hepato-pancreato-biliary Surgery, Skin, Soft Tissues and Breast), Endocrine Surgery, Head and Neck Surgery, Vascular Surgery, Trauma Surgery, Thoracic Surgery, and Surgical Oncology.
9. Non-core surgical postings are Othopaedics, Paediatric Surgery, Cardiovascular Surgery, Surgical Critical Care, Ear Nose Throat, Urology, Transplant, Hand, Plastics and Burns.
10. Throughout the residency there will be increasing clinical and operative responsibilities appropriate to the level of training.



Block Rotation

R1 / R2	2 Mth	2 Mth	2 Mth	2 Mth	2 Mth	1 Mth	1 Mth
	NTFGH GS	HPB / Transplant	UGI	CRS	Vascular	Thoracic	Elective
	2 Mth	2 Mth	2 Mth	2 Mth	3 Mth		1 Mth
	Anes / ICU	Paeds Surgery	Endo / MIS	BT	NTFGH ESU / Float		SHD
R3/4/5 4 Mth Postings	4 Mth		4 Mth		4 Mth		
	NTFGH		NTFGH / AH		BT		
	4 Mth		4 Mth		4 Mth		
	CRS		Endo / MIS		UGI		
	4 Mth		4 Mth		4 Mth		
	Elective (R4/5 only / any site)		HPB		Vascular		

