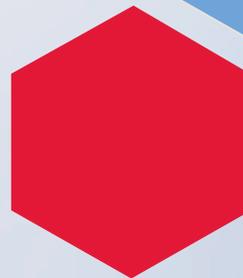
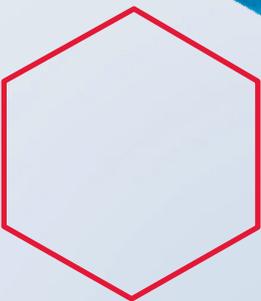
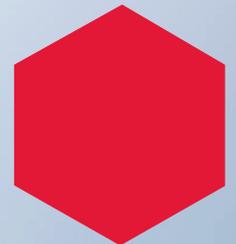




Dr Raymond Ngo  
Programme Director



# NUHS OTOLARYNGOLOGY RESIDENCY PROGRAMME

The NUHS Otolaryngology (ENT) Residency started in 2011 and is now in the 7th year. Two intake of residents have completed their training and are working as associate consultants in the NUHS cluster. Continuity in leadership of the programme and the clinical learning environment has led to a strong platform for residency education. We currently have 20 full time faculty staff with expertise in head and neck surgery, rhinology, otology, skull base surgery and paediatric otolaryngology.

The emphasis in the programme is to train our residents to be excellent clinicians and be future leaders in research and education. All residents participate in scholarly activities that include clinical research, quality improvement and medical education. Residents have opportunities to take up appointments with the NUS medical undergraduate school to conduct teaching and undergo faculty development in medical education.

Within the NUHS cluster are National University Hospital and Ng Teng Fong General Hospital. All residents rotate to these two training sites. In addition, there is a three-month cross-cluster rotations with Tan Tock Seng Hospital (TTSH) or Khoo Teck Puat Hospital (KTPH).

## Outstanding Features

### Education

1. Structured teaching that adapts to the educational needs of the residents
2. Programme teaching tutorials in both NUH and NTFGH
3. National ENT lectures done conjoint with NHG and SingHealth
4. In-house cadaveric training courses for residents in temporal bone, paediatric airway, endoscopic sinus surgery and head & neck

### Clinical

1. High surgical and outpatient volume for training
2. Adult and paediatric patients
3. Conducive and nurturing learning environment
4. Entrusting residents to professional activities
5. Appropriate supervision during operative and clinical duties

## Research

1. Mentorship for research projects
2. Faculty lead in allergy and head & neck oncology research
3. Collaborations with other NUS faculties for research and projects

## Programme Structure

Year 1: The first year of training emphasises on core general surgery principles. The aim is to acquire basic surgical skills and general medical knowledge required by an otolaryngologist. This includes a six-month rotation to general surgery, one month to emergency medicine, one month to ICU and one month to anaesthesia.

Year 2: Residents now acquire basic ENT knowledge and become competent in basic ENT clinical and operative procedures. Residents get exposure to all core subspecialties of otology, rhinology and head & neck.

Year 3: Residents have a dedicated two-month research block to undertake or complete their research projects. There is also a three-month facial plastics rotation to the Department of Plastic Surgery, NUH.

Year 4: Residents now advance their clinical and surgical skills in the core subspecialties. In addition, Residents spend three months doing a cross-cluster rotation. This can be in TTSH or KTPH. The cross-cluster rotation is to increase their exposure to how other clinicians in different hospitals manage patients differently.

Year 5: Residents take the Chief Resident (CR) role in the administration of daily work by junior staff and plan the programme educational activities. The final year of training has two exams which residents need to pass for exiting residency programme.



## Block Rotation

Resident Year	Block Rotation			
R1	General Surgery		Anaesthesia / EMD	Head & Neck NUH
R2	Otology NUH	Rhinology NUH	ENT NTFGH	
R3	Paediatric NUH	Research	Rhinology NUH	Facial Plastics NUH
R4	TTSH ENT	Otology NUH	Head & Neck NUH	Paediatric NUH
R5	ENT NTFGH		Head & Neck NUH	Paediatric NUH

Applicants to the programme should have a good academic track record, be a team player with good interpersonal skills, demonstrate resilience and be willing to dedicate time for training.