

NUHS

National University
Health System

NUHS NEUROLOGY SENIOR RESIDENCY PROGRAMME

The NUHS Neurology Senior Residency Programme aims to provide our **senior** residents with the experience and necessary skills to become excellent and independent clinical neurologists. Concurrently, our ambition is to produce future leaders in aspects of patient care, neuroscience research and medical education.

We have a large, enthusiastic faculty with diverse subspecialty and research interests. We share a passion for teaching and mentorship, and a commitment to diversity. One of our greatest strengths is the camaraderie and friendly working environment.

Our programme provides a rich and diverse clinical experience in many facets of neurology including a busy inpatient service, general and subspecialty outpatient clinics, consults and neuro-diagnostic techniques.

Outstanding Features

The Division of Neurology at NUH provides tertiary level care to inpatients, ambulatory settings, and also as a specialty referral service. We have an enthusiastic faculty with a variety of subspecialty representation in stroke, epilepsy, headache, neuromuscular disease, movement disorders, neuroimmunology and neuroinflammatory disorders.

To facilitate the development of subspecialty management, there are two teams that work concurrently, vascular neurology and general neurology:

1. The vascular neurology team provides a round-the-clock thrombolysis service for acute ischaemic stroke patients. There is an active neurosonography unit that is responsible for diagnostics.
2. The general neurology team deals with a wide range of acute neurological illnesses that lie outside the vascular domain. These include the management of neurological emergencies such as myasthenic crises, Guillain-Barré Syndrome and status epilepticus.

Our programme offers extensive and dedicated training in a wide range of neuro-diagnostic techniques. We pride ourselves in adopting a 'hands-on' approach to enhance the learning experience.



Dr Rahul Rathakrishnan
Programme Director



Senior residents in the programme will be expected to perform and interpret tests under supervision with the aim of being proficient and independent by the end of their training. These include surface nerve conduction studies, electromyography, electroencephalography, evoked potentials and autonomic testing. In addition, trainees will be encouraged to develop hands-on experience using other modalities such as carotid ultrasonography, transcranial Doppler and peripheral nerve ultrasound.

Further elective postings in paediatric neurology, neuro-ophthalmology, neuropsychology are also arranged during the training period.

Senior residents are actively encouraged to participate in various research activities within the division. Several neurologists hold institutional and national grants to undertake basic scientific and clinical research. Results from various research projects have been presented by our trainees at regional and international scientific meetings and has led to numerous publications.

Programme Structure

Senior Residency Year	Posting Details
1	Inpatient service (Stroke), Inpatient service (General Neurology), Consults, Neurodiagnostic lab
2	Inpatient service (Stroke), Inpatient service (General Neurology), Consults, Neurodiagnostic lab
3	Inpatient service (Stroke), Inpatient service (General Neurology), Consults, Neurodiagnostic lab *3 months elective

