

NEUROSURGERY

The Objective of the programme is to prepare the trainee to function as a neurosurgeon at the high level of performance expected of a junior consultant.

Neurosurgical Training Committee

Training will be organised and supervised by a Neurosurgical Training Committee comprising of not less than three persons, one of whom should be a specialist in a field other than neurosurgery, e.g. neurology, neuropathology or neuroradiology. It should also include representatives from the other training centres.

Entry Requirements

- i) A recognised postgraduate qualification in General Surgery i.e Sarjana Surgeri from the local Universities or FRCS or equivalent.
- ii) Has 4 years of supervised training in General Surgery and has spent at least 6 months in the discipline after the post graduate qualification

Duration

At least 4 years of training in Neurosurgery in recognised centres of which 1 year may be spent overseas. A candidate who completed a recognised training programme overseas eg. FRACS (Neurosurgery), FRCS (Neurosurgery), Diplomate in Neurosurgery (Belgium) need to undergo a probationary period of a minimum of 6 months before he could be certified as a neurosurgeon.

Content

The Committee will formulate a programme for each of the 4 years. The greater part of the training will be undertaken in a Neurosurgical Department. However, time may be spent in other departments such as in neurology, radiology or spinal injuries. It is also recommended that the final year be spent in an overseas centre or in research

Year 1	Clinical Neurosurgery with 3 months Neurology
Year 2	Clinical Neurosurgery with 3 months Neuropathology & 3months Neuroradiology
Year 3	Clinical Neurosurgery
Year 4	Elective year spent overseas or in research

Training Centres

1. The Committee shall accredit training centres based on the following criteria:
 - a) There must be at least 2 neurosurgeons serving the centre
 - b) The centre should perform at least 300 major procedures per annum.
 - c) The centre should be hospital based with other related disciplines and should have dedicated neurosurgical beds
 - d) Radiological services such as CT scan, MRI and angiogram must be available

- e) The trainee should have access to intensive care units / high dependency unit for neurosurgical patients
 - f) Have fully equipped operation theatres with microsurgical facilities
 - g) Access to well stocked library
 - h) Facilities for neurophysiological diagnostic equipment such as EEG, EMG, evoked potential and ICP monitoring
 - i) Regular CME activities
2. A neurosurgeon must have a minimum of 2 years working experience in the field to be accredited as a trainer.

Assessment

Trainee will have to show:

- Evidence of good supervised experience
- Log book duly certified by the supervisor
- Favourable reports from each supervisor for each year of training
- Minimum of 3 publications during the 4 year training period

Certification

A trainee is eligible to be certified after having satisfactorily completed the 4 years training.