

In the Name of God

Islamic Republic of Iran Ministry of Health and Medical Education Deputy for Education

Neurology Degree: Specialty

Program Description (Introduction)

Nowadays, neurologic science is an important part of medical sciences. Neurology Science Specificities and its related diseases diversity had separated this science from internal medicine and psychiatry and it has gone through enormous development in recent years.

Multiple diversity and high prevalence of neurologic diseases in different societies are the main causes of this field scientific development as well as provision of multiple subspecialties and fellowship programs. In addition, multiplicity of therapeutic approaches and new diagnostic and pharmacological approaches made the program curriculum revision a necessity.

Definition and Duration of the Program:

In this program graduates will be trained to prevent, diagnose, manage and render care of central and peripheral nervous systems diseases and muscular diseases and are capable of using their knowledge and expertise in the society.

Program duration: 4 years

Admission Requirements

- Holding an MD degree
- Having passed the National Entrance Exam

Expected Competencies at the End of the Program General Competencies* Specific Competencies and Skills

EMG-NCS	Single fiber EMG
TCD (Transcranial Doppler)	TCCD/Carotid Duplex
EEG	Polysomnograph
Evoked -potentials	Long-term monitoring (LTM)
Transcranial magnetic stimulation (TMS) *, RTMS	Lumbar puncture
Cerebral Angiography	Intervention (Neuro)
Deep brain stimulation (DBS)	Nerve -Biopsy
Muscle Biopsy	Botulinum Toxin Injection
Tensilon Test	Neuro- muscular m sonography

Educational Strategies, Methods and Techniques*

Student Assessment (Methods and Types)

Assessment Methods:

Written Exams(MCQ , descriptive)
MINI CEX

Assessment Periods:

AT the End of each ward
Annually

OSCE
Log Book
DOPS

AT the end of the program

Ethical Considerations*

*Note: The related document(s) can be found at <http://hcmep.behdasht.gov.ir/>.

The overall structure of the course:

Out-Patient Clinic	Patient visits, admission, follow-up, consultation, performing Procedures, training colleagues	2days in a week
Ward	Patient Visit and care, vital signs monitoring, Preparation for operation,...	every day
Procedure Room	Participation in Procedures as Observer, aid or independent	During the Program
Neurosurgery Ward	Participation in related activities	1 month
General ICU	Participation in related activities especially an introduction to mechanical ventilation bases and other related procedures	1 month
Psychiatry Ward	Participation in related activities	2 months
Radiology	Introduction to Neuroradiology graphics and Interventions	1 month
Pediatrics Neurology	Participation in related activities	1 month
Internal Medicine Ward	Participation in related activities	2months
Elective Ward	Based on Ward Schedule	1 month

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