

## **Stroke Fellowship Program of Mashhad University of Medical Sciences**

This is a 18 months clinical fellowship focusing on hyperacute stroke management and intervention as well as on secondary stroke prevention. Fellows will attend Acute Stroke Unit including 9 beds, Stroke ICU with 15 beds and Cerebrovascular Disease Ward with 30 beds. The Goal of this fellowship is to train a neurologist skillful in decision making on hyperacute stroke management including intravenous thrombolysis and interventional thrombectomy. Clinical stroke fellows will be directly involved in intravenous thrombolysis and interventional thrombectomy. Fellows will actively attend stroke prevention clinic and provide consultations on complex cerebrovascular patients. We emphasis and support the delivery of evidence-based practice in stroke treatment and prevention based on the American and European Stroke Associations guidelines. Fellows obtain a through clinical knowledge on cerebrovascular disease and are responsible on performing Weekly journal club based on latest issues of Stroke journal of ASA. The clinical fellows will actively participate to be on duty in hospital 15 days a month. The fellows will be expected to attend and actively participate in weekly stroke rounds, weekly thrombolysis and thrombectomy case reports, and weekly guideline review. Weekly stroke lectures will be represented by staff educational teams about stroke pathophysiology, stroke classification, interventional therapies, Neurosonology, Carotid endarterectomy, Cerebrovascular surgery. Each fellow is responsible on recording clinical data of his/her treated hyperacute stroke 724 patients in Ghaem Hyperacute Stroke Data Bank. This data bank is core of registry and will be served for research activities of fellows during their fellowship course. Research activities is not purpose of clinical fellowship course in our curriculum, however all of the clinical fellows should represent at least 3 posters or lectures focusing on research data driven of their patients and useful on decision making in stroke care. These clinical research activities should be represented in Annual Iranian stroke congress or international stroke conferences. There is no special rotational course for fellows, however each fellow should complete observation of some cases on Carotid endarterectomy, Cerebrovascular surgery, Decompressive craniotomy, Angioplasty and stenting and coiling based on the designed logbook.

Neurologists are eligible for entrance examination which would be performed once each year. The exam is annuanced and conducted by Ministry of Health and Medical Education of Iran.

The exam will be directed with 4 selection tests from cerebrovascular chapters of Adams and Merritts text books of neurology and cerebrovascular case exam,. The application of foreign neurologists as observational fellow with very limited contact to the patient focusing on Neurosonology will be considered. Clinical fellows will be deemed eligible to receive a certificate of training upon successful completion of all requirements of the training program and approved by the program director. For more information contact with stroke fellowship program director

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