

In the Name of God

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

Interventional Radiology Degree: Fellowship

Program Description

This course was designed as a subset of radiology, in which the graduates, under the direction of medical imaging, perform less invasive modern diagnostic and therapeutic measures. At the moment, this course, itself, has acquired numerous subsets.

Course duration is 12 months.

AIMS:

1. To train knowledgeable, efficient, productive specialists who compassionately help diagnose and manage patients who require interventional radiologic measures.
2. To enhance this discipline scientifically to reach developed countries.

Admission Requirements:

Board of Radiology Specialty

Expected Competencies at the End of the Program

General Competencies*

Specific Competencies and Skills

(Basic & Advance) CPR

Types of angiography

Types of venography

Types of lymphography

Angioplasty

Embolization

Arterial stenting, including: carotid, abdominal aortic aneurysm, etc.

Inferior vena cava filter placement

Local chemotherapy through arterial injection.

Laser therapy, such as percutaneous discectomy, treatments of varicose veins

Using radio waves to treat tumors

Percutaneous gastrostomy

Percutaneous transhepatic cholangiography (PTC)

Percutaneous biliary drainage

Image-guided abscess and fluid drainage

Cavernosography in the treatment of impotency

Image-guided biopsy of renal, liver, pulmonary, bone, and mediastinal masses and vertebrae

Educational Strategies, Methods and Techniques*

Student Assessment (Methods and Types)

I. Assessment Methods:

The fellows are required to deliver their logbooks for assessment. At the end of the course, a theoretical exam will be given. Practical exam includes OSCE, and investigating the cases the fellows have assessed.

II. Periods of assessment:


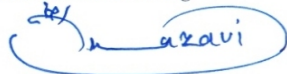

Twice (mid-term and final)

Ethical Considerations*

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

The overall structure of the course:

Ward, unit, or educational setting	Syllabus	Duration (month)
Skill-lab - anesthesia ward	CPR	15 days
Classroom	Theoretical subjects	During the course - case study
Practical room	Observing different types of relevant surgeries	1 month
ICU	Presence - observation under the supervision of the head of the ward	15 days
Radiology ward		10 months
Relevant wards	Follow-up of intervened patients	During the course
Interventional radiology clinic	Visiting and selecting patients, follow-up of previous patients	At least one day a week

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