

## In the Name of God

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

## Infectious Diseases and Tropical Medicine Degree: Specialty

### Introduction:

Due to continuous changes in the distribution pattern of infectious diseases in Islamic republic of Iran and throughout the world, eradication of some infectious diseases, emerging and re-emerging of diseases in the world, discovery of new organisms with specific biological characteristics, technological changes, discovery of new drugs and antibiotics, bioterrorism and biological defense, alternative treatments among people etc., the infectious diseases and tropical medicine specialty curriculum is revised.

### Definition and Duration of the Training program:

Infectious diseases and tropical medicine is a clinical specialty program that deals with prevention, diagnosis, and treatment of diseases caused by pathogenic organisms such as different types of bacteria, viruses, parasites, fungi, and prions in different groups.

This training program plays an essential role in controlling epidemic contagious diseases and nosocomial infections as well as eradicating contagious diseases.

Program Duration: 4 years

### Aims:

- 1-We will become one of the top countries in region in next 10 years.
- 2-To train liable ,skillful specialists for service provision, education and science production.

### 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

Pleural effusion puncture	Ascetic fluid puncture
Articular fluid puncture	Bone marrow puncture
Pleural biopsy	Bone marrow biopsy
Liver biopsy	Aspiration and drainage of superficial abscess
Performing and analyzing arterial blood gases (ABG)	Lumbar puncture (LP)

### Educational Strategies, Methods and Techniques\*

### Student Assessment (Methods and Types)


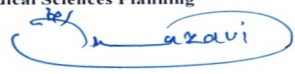
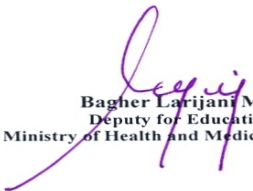
MINICEX	<b>Periods Of Assessment :</b>
Oral exams	At the end of each rotation
DOPS	Annually
Computerized assessment	At the End of the 4 <sup>th</sup> year (PreBoard &Board)
logbook evaluation	
OSCE	
MCQ	
Descriptive Exams	

### Ethical Considerations\*

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

### The overall structure of the course:

Residency year	Ward/unit (Place of training)	Training content	Duration
First year	General internal medicine department*	Exactly the same as that provided during the first year of the internal medicine residency	12 months
Second year	School of medicine Epidemiology or community medicine department	Health management, epidemiology and statistics, research methodology, health economics, etc. **	2 months
	School of medicine or pathology department	Relevant laboratory courses	1 month
	Infectious diseases and tropical medicine department	Clinical training	9 months
Third year	Infectious diseases and tropical medicine department	Clinical training	12 months
Fourth year	Transplantation ward, hematology and oncology ward, high-risk environments such as ICU	Clinical training of special cases Various transplants: kidney, brain, bone, liver, and heart	2 months
	Pediatric infection ward	Clinical training in pediatric infectious diseases	1 month
	Radiology ward	radiology training	1 month
	Infectious diseases and tropical medicine department	Clinical training	8 months

<p>Seyed-Hassan Emami-Razavi MD Secretariat of the Council for Graduate Medical Education</p> 	<p>Seyed Mansour Razavi MD Secretary of the Supreme Council for Medical Sciences Planning</p> 
<p> Bagher Larijani MD Deputy for Education Ministry of Health and Medical Education</p>	