

In the Name of God

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

Infertility
Degree: Fellowship

Introduction:

Based on Estimates done, There is 15 % prevalence of infertility in IRI. Since the population is over 70 million, and young people comprise a high percentage of this population, this issue becomes very important. In addition to the emotional and psychological impact, it incurs huge costs to the country and health system.

After Islamic Revolution , infertility centers were established in Iran and their scientific promotion ensued in order to train fellows in infertility field. Subsequently, in 2009, the Secretary of the Council of Graduate Medical Education decided to develop curricula for fellowship Program.

Definition and Duration of the training course:

Infertility fellowship program is a subset of obstetrics and gynecology field. This program is characterized with managing, screening and investigating of the causes of infertility. After diagnosis, the appropriate treatment approach, such as medical, surgical, (assisted reproductive techniques) will be selected and applied.

Duration is 18 Months .

Aims:

1-Training of knowledgeable, competent and committed people in the field of infertility. These people provide the community with their knowledge and expertise in the areas of prevention, diagnosis and treatment, education and research.

Admission Requirements

- Holding an MD degree
- Having specialty in Obstetrics and Gynecology
- Having passed the Entrance Exam

Expected Competencies at the End of the Program

General Competencies*

Specific Competencies and Skills

At the end of the program learners will be competent in the following skills:

Procedure
Ultrasound of uterus and ovaries
Outpatient Infertility management
Ultrasound monitoring of follicle
Patient preparation for IVF,ICSI,GIFT,ZIFT
Puncture
Embryo transfer
ZIFT
Pelvic traina ;aparoscopy on a model
Diagnostic laparoscopy
Laparoscopy level I (treatment of EP, ovarian cysts, and adhesion)
Diagnostic hysteroscopy
Operative hysteroscopy (septum-polyp-fibrom-Asherman)

Educational Strategies, Methods and Techniques*

Student Assessment (Methods and Types)

A. Assessment Methods

Log book, DOPS

B. Periods of Assessment

- Continuous
- At the end of each ward
- Every two months, at department's discretion

Ethical Considerations*

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

The overall structure of the course:

	Ward/Unit/Educational Field	Content-measures	Time duration (months)
1	Infertility clinic	Familiarity with infertile patients, history taking and evaluating the infertile couples- requesting the necessary tests- interpreting the examinations- X-rays and follow-up	3 months
2	Infertility operating room (1) + clinic	As an observer along with a professor in the field of Oocyte Pick up, laparoscopy and diagnostic hysteroscopy and vaginal ultrasound	2 months
3	Infertility operating room (2) + clinic	Performing section 2 surgeries <u>by the fellow</u>	8 months
4	advanced laparoscopic operation room	Performing operative laparoscopy and hysteroscopy	3 months
5	Andrology laboratory	Sperm counting, sperm processing and oocyte collecting	1 month
6	Optional	Familiarity with other genetics and fertility centers in the world- hormone laboratory- imaging	1 month

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