

In the Name of God

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

Endoscopic Gynecology

Degree: Fellowship

Introduction:

During the past three decades, we have witnessed the rapid progress and improvement of technology in Laparoscopy field. Furthermore, techniques and indications of surgery with endoscopy are evolving. The use of lightweight high-resolution cameras for gynecology laparoscopies has enhanced the ability to observe pelvis during complex surgical procedures. As endoscopic surgeries have increased during the past few years, it is essential to train specialists and set purposeful policies to train them in this field. After confirming the necessity of this course in the fellowship policy-making committee on September 8th, 2010, a committee was formed to develop the fellowship curriculum. This committee developed the present curriculum and after passing legal procedures, it was delivered to the universities. We are looking forward to receive suggestions of experts and will use them in reviewing the next version of this curriculum.

Definition and Duration of the Training Course:

Endoscopic Gynecology surgery fellowship, including hysteroscopy and laparoscopy, is a clinical course which is derived from the specialized field of obstetrics and gynecology. Graduates of this course are expert in diagnostic and therapeutic endoscopic surgeries in gynecology, and provide better services and treatments for those suffering gynecologic diseases. The duration of this course is 18 months with the aim of training professional and efficient work force to provide laparoscopic and hysteroscopic procedures.

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	Observation	Assistance in performing	Performing independently	Total
Hysteroscopy Level 1	15	15	20	50
Hysteroscopy	10	10	10	30

Level 2				
Hysteroscopy Level 3	10	5	5	20
Laparoscopy Level 1	15	15	20	50
Laparoscopy Level 2	15	15	20	50
Laparoscopy Level 3	15	15	10	40
Laparoscopy Level 4	5	5	-	10

- Hysteroscopy level 1 includes diagnostic hysteroscopy, biopsy, removing the IUD and removing mild adhesions.
- Hysteroscopy level 2 includes removing polyps, removing pedunculated myomas, endometrial resection, removing uterine septum and tubal cannulation.
- Hysteroscopy level 3 includes myomectomy type 1 and 2, removing intrauterine adhesions (Asherman's syndrome) and endometrial ablation.
- Laparoscopy level 1 includes simple ovarian cyst aspiration, tubal ligation, diagnostic laparoscopy, biopsy and ovarian cautery
- Laparoscopy level 2 includes salpingectomy for ectopic pregnancy, salpingectomy, cystectomy, removing mild to moderate adhesions of endometriosis, pedunculated subserous myoma, salpingo-ophorectomy and LAVH.
- Laparoscopy level 3 includes hysterectomy, myomectomy (subserosal, intramural), removing intestinal adhesions, simple restoration of bowel and bladder, and fimbrioplasty.

Laparoscopy level 4 includes restoration of connective tissue of pelvic floor defects, lymphadenectomy, endometriosis stage 4, microsurgery and anastomosis of the tube, pre-sacral neurectomy and restoration of the mullerian ducts anomalies

Educational Strategies, Methods and Techniques*

Student Assessment (Methods and Types)

A. Assessment Methods:

- DOPS
- Portfolio assessment includes logbook assessment, test results, articles, reports of educational activities, rewards and punishments

B. Periods of Assessment

- Evaluation at the end of each rotation, conducted by the relevant departments
- Continuous assessment every three months
- Final assessment at the end of the course

Ethical Considerations*

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

The overall structure of the course:

Department, unit or education setting	Content-measures	Duration (months)
Classrooms and teamwork rooms	Needed workshop and theory training	During the course
Clinic	Outpatient visits, triage, filling medical records and hospitalizing patients, following up professional consultation for patients, performing outpatient procedures, educating lower classes, providing the required professional consultation and other measures in accordance with regulatory programs of the department	During the course, one to two days a week
In-patient	Inpatient Visits, patient care, stabilizing the hospitalized patients in the department, performing bedside diagnostic and therapeutic procedures, educating other colleagues and other measures in accordance with regulatory programs of the department	Every day during the course
Operating room	Participating in surgeries as an observer, or an assistant or doing the surgery independently, in accordance with regulatory programs of the department	During the course at least 2 days a week
Procedure room	Participating in procedures as an observer, or an assistant or doing it independently, in accordance with regulatory programs of the department	During the course two days a week or just in case
Urology department	Related Issues	1 month
General surgery ward	Related Issues	1 month
Selective department	Related Issues	1 month
Skill lab- animal lab	Practicing endoscopic surgeries on animals or models.	1 month and during the course

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