



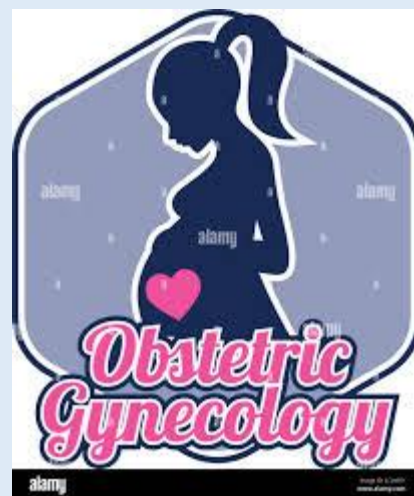
IRAQI BOARD FOR
MEDICAL SPECIALIZATIONS
SCIENTIFIC COUNCIL OF OBSTETRICS & GYNECOLOGY



OBSTETRICS & GYNECOLOGY

SCIENTEFIC CURRICULUM

The Academic Curriculum for the Board Study (Fellow-Degree) in Obstetrics & Gynecology Specialty “FIBMS/OBGYN”



2024-2025

www.iraqibord.edu.iq

Five Year Residency Training Program

ACADEMIC CURRICULUM FOR OBSTETRICS & GYNECOLOGY JOINT PROGRAM 2024-2025

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OF Obstetrics & Gynecology Specialty
Iraqi Board



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Introduction

An Obstetrics & Gynecology (OBGYN) fellowship provides advanced training in specialized areas of women's healthcare, building upon the foundation established during residency. These fellowships offer opportunities to develop expertise in areas like gynecologic oncology, reproductive endocrinology, minimally invasive surgery, and global women's health. Fellows gain in-depth clinical experience, conduct research, and contribute to education, preparing them for leadership roles in academic and clinical settings

Vision:

The vision of the Obstetrics and Gynecology Board is to ensure that board students are scientifically and practically qualified to deal with all aspects of gynecology and pregnancy complications, in addition to preparing them for emergency and critical cases in this field.

Mission:

The mission of the program is to prepare distinguished specialist doctors in the field of obstetrics and gynecology, in line with global scientific developments. They hold the highest professional certification in their field of specialization in Iraq. These specialists will contribute to the community in the areas of education and research as well providing excellent clinical care.

Council Objectives:

The Scientific Council for Obstetrics and Gynecology aims to graduate competent doctors capable of practicing the profession in a manner appropriate to the requirements of scientific and societal development, and in a safe manner based on the ethics of the medical profession with patients and colleagues, and in accordance with the following areas of obstetrics and gynecology specialization:

1.in the Obstetrics field : Providing primary care to women starting from the period before pregnancy, during pregnancy, childbirth, and after childbirth, in terms of assessing risk factors and diagnosing potential problems during pregnancy and childbirth through clinical training. How to deal with these problems under the supervision of supervising professors and trainers, as the

graduate must be able to supervise natural births for all cases with different degrees of risk and perform simple and complex caesarean sections.

2. in the Gynecology field: Clinical training on how to deal with various gynecological diseases, which include all age stages of women from birth until after menopause in terms of diagnosis, treatment, and training on performing various gynecological operations for all cases, whether cases Critical, emergency or cold cases and all surgeries, whether open or laparoscopic.

3. Infertility field: The Scientific Council students are trained on how to deal with infertility cases of all types, primarily in terms of diagnosis, prescribing appropriate treatments, and performing initial therapeutic interventions.

4. Oncology and Cancer: Council students are trained to diagnose and evaluate various gynecological tumors and assess cases to determine the degree of severity and differentiate between benign and malignant tumors that require complex therapeutic interventions.

5. Field of Scientific Research: Students are trained in the basics of scientific research and research writing to serve the community and raise the level and reputation of the Scientific Council.

6. Community Service Field: Providing various community services, including primary health care, family planning services, and therapeutic services in the advisory clinics of hospitals and centers affiliated with the Scientific Council.

Assessment of Students

The student assessment is done through the following:

1- Continues Assessment (Mandatory for the entrance of part I, Mid, and part II Exams):

- a) Log book: The students are required to keep a logbook where she/or he will record all procedures and activities. The activities must be dated and categorized to the rotation of the training and whether it was performed or observed by the resident. Participation and attendance in seminars and CME activities are also included. Each activity registered in the logbook must be countersigned by the Trainer.
- b) Active participation in group discussion and seminar presentation
- c) Assignment

2- **Part I (Primary) exam:** 100 MCQs exam at the beginning of the second year. The minimum passing mark for **Part I (Primary) exam** is 70%.

Blueprint for part I Exam (Year I): basic signs in obstetrics& gynecology

Topics	Credits %	No. of Exam MCQs
Anatomy	14	14
Biochemistry	12	12
Embryology, cells,	8	8
Genetics.	4	4
Microbiology.	12	12
Pathology and histology	12	12
Physiology	12	12
Endocrinology	12	12
Pharmacology	10	10
Medical statistic	4	4
TOTAL	100 %	100

3- Mid written exam (Year IV, mandatory to enter part II Exam): consist of six essay questions in general obstetrics& gynecology with 60% passing score

4- Discussion of dissertation (Year IV, mandatory to enter part II Exam)

5- Part II Exam: at the end of fifth year consists of the following:

a) Theory Exam (100%):

-Paper 1: 100 single best -choice questions in obstetrics (MCQs)

-Paper 2: 100 single best -choice questions in gynecology (MCQs)

Blueprint for part II Exam (Year V): Comprehensive written exam in obstetrics (paper 1)		
Topics	Credits %	No. of Exam MCQs
1. Maternal Physiology	2 %	2
2. Pre-conception Counselling	3 %	3
3. Antenatal Care	3 %	3
4. Hypertensive Disorders	3 %	3
5. Heart Disease in Pregnancy	3 %	3
6. Diabetes in Pregnancy	3 %	3
7. Renal Disease	3 %	3
8. Liver and Endocrine Diseases in Pregnancy	3 %	3
9. Maternal Infection During Pregnancy	3 %	3
10. Psychiatric Problems in Pregnancy and Post partum	2 %	2
11. Autoimmune Rheumatic Diseases and Other Medical Disorders in Pregnancy	2 %	2
12. Third Trimester Fetal Assessment	3 %	3
13. Normal Mechanisms in Labour	2 %	2
14. APH	3 %	3
15. Shoulder dystocia	3 %	3
16. Uterine inversion	3 %	3
17. Surgical procedure (Episiotomy, CS, Rupture uterus)	3 %	3

18. Stillbirth	3 %	3
19. Puerperium and Lactation	3 %	3
20. First Trimester Antenatal Screening	2 %	2
21. Haematological Problems in Pregnancy	3 %	3
22. Obesity and Pregnancy	3 %	3
23. Fetal Growth Restriction	3 %	3
24. Fetal Anomalies	3 %	3
25. Post-term Pregnancy 307	3 %	3
26. Induction and Augmentation of Labour	3 %	3
27. Malpresentation, Malposition,	3 %	3
28. Cephalopelvic Disproportion	3 %	3
29. Multiple Pregnancy	3 %	3
30. Fetal Monitoring During Labour	3 %	3
31. PPH	3 %	3
32. Preterm Labour.	3 %	3
33. Forcepse & Ventous delivery	3 %	3
34. Analgesia, Anaesthesia and Resuscitation	2 %	2
35. Neonatal Care	2 %	2
36. Epidemiology and Statistics	2 %	2
Total	100 %	100

Blueprint for part II Exam (Year V): Comprehensive written exam in gynecology (paper II)

Topics	Credits %	No. of Exam MCQs
1. The Menstrual Cycle	2 %	2
2. Polycystic Ovary Syndrome	3 %	3
3. Secondary Amenorrhoea	2 %	2
4. Heavy Menstrual Bleeding.	3 %	3
5. Role of imaging in gynaecology	3 %	3
6. Ambulatory gynaecology, hysteroscopy and laparoscopy	3 %	3
7. Gynaecological disorders of childhood and adolescence	2 %	2
8. Puberty and its disorders.	2 %	2
9. Spontaneous miscarriage.	3 %	3

10.Ectopic.	3 %	3
11.Acute pelvic inflammatory disease	3 %	3
12.PMS.	2 %	2
13.Chronic pelvic pain.	3 %	3
14.Benign disease of the uterus.	3 %	3
15.Ovarian cancer.	3 %	3
16.Endometrial cancer.	3 %	3
17.Contraception	3 %	3
18.Menopause & PMB.	3 %	3
19.Subfertility.	3 %	3
20.ART.	3 %	3
21.STD	2 %	2
22.Endometriosis.	3 %	3
23.Utero vaginal .prolapse	3 %	3
24.Urinary incontinence.	3 %	3
25.Benign disease of the vulva.	2 %	2
26.Cancer of the vulva.	2 %	2
27.CIN	3 %	3
28.Cancer of the cervix.	3 %	3
TOTAL	100 %	100

b) Clinical Exam (100%):

- ☐ ☐ Objective Structured Clinical Examination (OSCE) 10 stations (100%)
- ☐ ☐ 20 clinical based slides Exam (OSPE) (100%)

Blue print for the OSCE exam		
Topics	Credits %	Marks for the station
1.Medical problems during pregnancy	10 %	10
2.APH or PPH	10 %	10
3.Obstetric emergency(cord prolapse, shoulder dystocia, uterine inversion, ruptured uterus----	10 %	10
4.Surgical procedure in obstetrics	10 %	10
5.Abnormal labour (Malpresentation, CPD---	10 %	10
6.Family planning method	10 %	10
7.Gynecological procedure	10 %	10
8.Gynecological malignancy	10 %	10
9.Gynecological emergency(miscarriage ,heavy menstrual bleeding---	10 %	10
10.Counselling station	10 %	10
Total	100%	100

Blue print for the slide exam (OSPE)		
Topics	Credit %	marks
Slides in gynecology	50%	50 marks
1.Gynecological surgery (2 slides)	10 %	10
2.Gynecological malignancy (2 slides)	10 %	10
3.Ultrasound image for gynecological problems (2 slides)	10 %	10
4.Contraception method one slide	5 %	5
5.Photo for woman with certain gynecological disease (2 slides)	10 %	10
6. Histopathology image of certain gynecological problem (one slide)	5%	5
Slide in obstetric	50 %	50 marks

7.Image for the fetus with mal-presentation (2 slides)	10 %	10
8.Image for one of the obstetric procedures (2 slides)	10 %	10
9. Interpretation of CTG	5%	5
10.Interpretation of partograph	5%	5
11.image for obstetric complications(genital fistula, perineal tear--)	5 %	5
12.Image for drugs used in obstetric condition	5%	5
13.Image of pregnant woman with medical, or obstetric complications (2 slides)	10 %	10
Total for the OSPE exam	100 %	100

NOTES

It is required to advance to the final exam.

1. The trainee must pass the primary and mid exams.
2. Completing the full training period of five training years in one or more hospitals recognized by the council according to the recognition conditions.
3. The trainee must be a resident for the entire duration of the training and progress in responsibility according to the years of residency.
4. Her/or his research has been discussed and accepted.
5. Submission of a certified document from the professors or trainers at the center or centers where he worked, proving his participation in various departmental activities.
6. The minimum passing mark for written or clinical exam is 70%.
7. Each student is given four attempts to pass either the Part I or Part II exam. Failure to do so will result in their dismissal from the academic program
8. The examinations are conducted in April and October of each year .

The curriculum schedule

- The duration of the training is five years, during which the trainee serves as a resident in one of the hospitals recognized by the Scientific Council of Obstetrics and Gynecology in the Iraqi Board for Medical Specializations.

Training curriculum

First year: 12 months as a senior resident in obstetrics and gynecology.

- Second year: 12 months as a senior resident in obstetrics and gynecology.
- Third year: 12 months as a senior resident in obstetrics and gynecology.
- Fourth year: 12 months as a senior resident in obstetrics and gynecology.
- Fifth year: 10 months as a senior resident in obstetrics and gynecology
One month senior resident in the general surgery department
One month senior resident in the urology surgery department

Training and academic resume

The study of the obstetrics and gynecology specialty is divided into theoretical and clinical sections.

Theoretical study

The trainee must attend lectures, theoretical lessons, and scientific councils such as journal clubs, discussions, seminars, case studies, and other activities that take place in the department where they are training or in other departments where the department deems their attendance necessary. These activities should be recorded in the annual training record booklet.

Organizing periodic lectures for specialty students in each training hospital, presented by professors and trainers according to the trainee's academic year.

Emphasizing the importance of the logbook and the documentation contained within it is sent periodically by the training supervisor.

The training includes shifts in the delivery room, the obstetrics and gynecology ward, the operating room, the outpatient clinics for obstetrics and gynecology, the infertility clinic, the family planning clinic, and the emergency department.

Each trainee prepares one scientific research paper during the third year on a topic chosen by either the trainee or the supervising professor.

The trainee will not be accepted in the final exam unless they submit a copy of the theoretical research they prepared during the training period.

Clinical training

1. Each trainee follows up with a number of patients at the center where they are training, according to the capabilities of that center, under the supervision of the trainee who precedes them or under the supervision of the instructor.
2. The trainee examines the patients upon their admission to the delivery room or the obstetrics and gynecology ward, records their observations in the admission log, and requests all necessary tests to establish a diagnosis. During the morning and evening rounds, they present a summary of the patient's condition to the senior resident in the training hierarchy or the training supervisor, and then oversee the treatment according to the plan set for each case.
Responsible for examining and preparing surgical patients and monitoring them post-surgery.
3. The trainees participate in the morning and evening visits to the patients.
The trainee examines the patients in the outpatient clinics under the supervision of the trainer.
4. The trainee is required to attend the morning report, which is held daily and reviews all emergency and cold cases that were admitted the previous day to the obstetrics and gynecology department, and discusses some clinical cases.
5. The trainee demands to attend the Grand Tour, which takes place once or twice a month.

First year:

12 months as a senior resident in obstetrics and gynecology

clinical works

1. Direct supervision – normal vaginal delivery for low-risk pregnant women.
2. Suturing and repairing the perineum.
3. Direct supervision of labor induction.
4. Direct supervision of patients in the wards and emergency department.
5. The shift with the supervising professor in the outpatient clinic for obstetrics and gynecology and the emergency department.

Theoretical lectures for the first year residence

Obstetric	Lecture title
1	Mechanism & stages of labour, Lecture& video show
2.	Active management of labour
3.	Drugs in obstetrics (oxytocic , analgesic, antibiotics,
4.formative exam	Partogram how write & interpret.

	With formative exam
5.formative exam	CTG
6.	Episiotomy lecture & video show
7.	Analgesia during labour
8. Chart placed in the labor room how to estimate blood loss.	IV fluid& transfusion of blood& Blood product
9.	Caesarean section Preoperative assessment Post-operative care.
10.	Reduced fetal movement Green top guide line
11.	Preoperative assessment of gynecological cases
12.	D&C its instrument Endometrial sampling Lecture & video show
13.formative exam	Ectopic pregnancy clinical features basic investigations
14.	Pap smear lecture & video show

Second year

12 months senior resident in obstetrics and gynecology

At the beginning of the second year, the trainee takes the initial written exam.

Clinical works for the second year residence :

1. She or he is training on ultrasound examination for obstetric diseases only for one month in the ultrasound clinic at the consulting clinic.
- 2.Continuing work in the delivery room
- 3.Continuing work in the women's and obstetrics ward
- 4.The shift with the supervising professor in the outpatient clinic for obstetrics and gynecology, infertility clinic, family planning clinic.
5. First Assistant in Cesarean Deliveries and Simple Gynecological Procedures
- 6.Performing a manual vacuum aspiration for incomplete miscarriage cases

Theoretical lectures for the second year

Obstetrics	Lecture title
1.	Induction of labor lecture Green top guideline slide show (methods)
2.	Management of delivery in twin pregnancy
3.	Assessment of fetal wellbeing. lecture & Case scenario
4.	Perineal tear lecture & video show
5.	Breech presentation lecture & video show
6.	APH
7.	PPH
8.formative exam	Hypertensive disorder in pregnancy Green top guide line Stress on the management of eclamptic fit (Flow chart in the labour room)
9.formative exam	DM Green top guideline
10.	Anemia in pregnancy
11.	UTI in pregnancy Green top guideline
12.	CS 1. Operative steps 2. how to write operative note how to manage postoperative complications
Gynecology	
13.	Management of missed miscarriage & IUFD
14.	Ectopic pregnancy case scenario
15.	skill lab : demonstration on the mannequin 1.how to do speculum ex 2. How to do vaginal swab.

Third year

12 months senior resident in obstetrics and gynecology

He prepares to conduct a scientific research study selected by him or the supervising professor and presents it to the scientific committee in the Obstetrics and Gynecology Council to obtain approval for the research protocol before starting it.

Clinical work

1. Normal childbirth in multiple pregnancies
2. Breech birth in newborns
3. Normal childbirth in high-risk pregnancies
4. Performing cesarean sections for low-risk pregnant women directly
5. Performing the surgical intervention for an ectopic pregnancy with a fourth or fifth-year trainee.
6. Performing surgical intervention for simple ovarian cysts
7. First Assistant in Abdominal Hysterectomy Operations
8. First Assistant in the vaginal hysterectomy operations

Theoretical lectures

Obstetric	Lecture title
1.	Abnormal labour
2.	Vaginal birth after C/S (VBAC) & TOLACS. Green top guide line
3.	CS for second stage
4.	Cs for placenta previa accrete. Green top guide line
5.	Uterine inversion
6.	Rupture uterus
7.	IUGR Green top guide line
8.	Renal disease Management of patient with kidney transplant
9.	Heart disease
10.	Thrombo -embolic disease (TED) Green top guideline
11.	Instrument in gynecology & obstetric
12.	Instrumental delivery (2 sessions) lecture & video show

	Skill lab demonstration on the mannequin.
13. Formative ex.	Management of abnormal pap smear
14.	Colposcopy lecture & video show.
15. Formative exam	AUB lecture and case scenario.
16.	H. mole
17.	Myomectomy given in 2 lectures indications, complications, operative procedure.
18.	Abdominal hysterectomy lecture indications, complication, pros& cons (total versus subtotal ,with& without oophorectomy) operative steps
19.	Skill lab: 1.How to insert ring pessary, demonstration on the mannequin, how to care & managed complications 2.How to examine for utero vaginal prolapse & how to assess degree of prolapse
20.	Skill lab : How to examine for urinary incontinence Demonstration on the mannequin
21	Us in obstetric
22.	How to write a thesis.

Fourth Year

12 months Senior Resident in Obstetrics and Gynecology

The trainee's research is discussed

Participates in the performance of the mid written exam

Clinical work

1. Continuing the training as stated in the third year, in addition to the following:
Continuation of training as stated in the third year in addition to the following:
2. Performing cesarean sections in complex cases.

3. Performing an Exploratory laparotomy
4. Performing a hysterectomy through the abdomen under the supervision of the supervising professor.
5. Performing a hysterectomy through the vagina under the supervision of the supervising professor.
6. Excision of fibrous nodules in simple cases
7. Vaginal wall descent surgeries

Theoretical lectures

	Lecture title
Oncology	
Basic information	Ovarian tumor given in 2 lecture
3.	Endometrial hyperplasia Green top guideline
4.	Endometrial ca
5.	Cervical cancer
6.	Chorio- carcinoma
7.	Ca breast in pregnancy Green top guideline
Family planning	
8.	IUCD Skill lab demonstration on the mannequin
9.	Marina Lecture & video show
10.	Nexiplanon lecture & video show
11. infertility	Basic informations & Investigations Green top guideline.
12.	Vaginal hysterectomy lecture & operative steps
13. Utero-vaginal prolapse	Utero-vaginal prolapse given in 2 lecture
14. Urinary incontinence (UI)	Urinary incontinence given in 2 lectures Video show TVT& TOT

The fifth year

One month of rotation in general surgery department

One month rotation in urology department

10 months as a senior resident in obstetrics and gynecology, during which he performs the following tasks:

Clinical works

1. Continuing training and granting the doctor greater responsibilities, which are an extension of the fourth year.
2. Performing cesarean sections in difficult cases with the supervising professor, such as placenta previa and placenta accreta.
3. Deepening practical skills, especially in laparoscopic surgery, fertility and assisted reproductive technologies (ART), gynecological oncology, general surgery, and urology.
4. At the end of the fifth year, the trainee participates in the final exam, which includes both written and practical components.

Theoretical lectures.

	Lecture title
1.	Hysteroscopy Instruments Video show
2.	laparoscopy Instruments Video show
3 .Infertility Formative exam	How to interpreted investigations Case scenario
4.Prolapse Formative exam	Utero-vaginal prolapse case scenario
5.Ultrasound (2 lectures)	Doppler ultrasound in: Obstetric Doppler ultrasound in gynecology
6.MRI& CT	Slide show
7. Urinary incontinence Formative exam	Urinary incontinence case scenario
8. Family planning	Family planning in special situations Green top guideline
9.Oncology	update in diagnosis treatment

7.How to attend slide exam to be given by the most senior supervisor in the training center	Slide in obstetric
8.How to attend slide exam to be given by the most senior supervisor in the training center	Slide in gynecology

Recommended books for part I exam

1.	Revision Notes for the MRCOG Part 1 (Oxford Specialty Training: Revision Texts)
2.	SBA for the MRCOG Part 1 exam
3.	SBA for the MRCOG Part 1 by Ankush Raut
4.	SBA for the MRCOG Part 1 by Richa Saxena.
5.	MCQs for MRCOG Part 1A self-assessment Guide.
6.	SBAs for the Part 1 MRCOG by Andrew Sizer, Neil Chapman
7.	Text book for MRCOG part 1. Basic Sciences for Obstetrics and Gynecology (Richa Saxena)
8.	Pass MRCOG (comprehensive SBA collection for PART 1 MRCOG EXAM
9.	Get through MRCOG part 1 MCQs& EMQs.
10.	MRCOG part 1 Success Manual
11.	PASS TEST .How to prepare for MRCOG part 1
12.	MRCOG part 1 550 SBAs and MCQs.
13.	LANGE Q&A Obstetrics& Gynecology
Recommended Books for mid & final examination <u>Text books:</u> (last version)	
1.Dewhurst's Textbook of Obstetrics & Gynaecology	
2. Williams Obstetrics	
3. Williams Gynecology	
4. Gynecology by Ten Teachers	

5. Obstetrics by Ten Teachers
6. Management of High-Risk Pregnancy
7. Essential Obstetrics and Gynecology
8. Shaw's Textbook of Operative Gynecology
9. Green Top Guide Lines.

Recommended SBA BOOKS for Part 2 examination

1. Get through DRCOG SBAs, EMQs and MCQs
2. Get through MRCOG Part 2 SBAs
3. Self-Assessment in obstetrics and gynaecology
4. SBAs for the MRCOG Part 2
5. SBAs AND EMQs FOR THE MRCOG PART 2.
6. Part 2 MRCOG by Andrew Sizer.
7. PART 2 MRCOG 500 EMQs and SBAs by Andrew Sizer.
8. MRCOG Part 2: 500 SBAs and EMQs
9. SBAs and EMQs for MRCOG II by Janesh Gupta .
10.SBA Questions for Part 2 MRCOG by Amanda Jones.
11.Mastering Single Best Answers Questions for the Part 2 MRCOG Examination.
12.Practice Single Best Answers Questions MRCOG Part II by Seema sharma
13.SUCCEEDING IN MRCOG PART 2 .
14.COMPLETE REVISION GUIDE FOR MRCOG PART 2
15.Master pass SBAs and EMQ in obstetrics and Gynaecology by Neel Sharma
16.Pass MRCOG
17.MRCOG Part 2 Single Best Answer Questions Extensive Revision Source
18.DR.FATH MRCOG