

REQUIREMENTS

Semmelweis University, Faculty of General Medicine – single, long-cycle medical training programme

Name of the host institution (and any contributing institutions):

Department of Obstetrics and Gynecology

Name of the subject: Szülészeti-nőgyógyászat (V. évfolyam)

in English: Obstetrics and Gynecology (5th year)

in German: Geburtshilfe und Gynäkologie (5-ten Jahrgang)

Credit value:6

Semester: 9th, 10th

(as defined in the curriculum)

Total number of classes per week: 28	lectures (per semester): 28	practical lessons (per semester): 56	seminars:
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Type of subject: compulsory optional elective

Academic year: 2023/24

Language of instruction, for optional or elective subjects: English

Course code: AOKNO1755_SA

Course coordinator: Prof. Dr. Ács Nándor

Place of work, phone number: Department of Obstetrics and Gynaecology (1082 Budapest, Üllői út 78/A.) 06-1-2100290

Position: professor, clinic director

Date and number of habilitation: 245/2007.05.30

Objectives of the course and its place in the medical curriculum:

The main goal of the obstetrics and gynecology block in the fifth year is to show the clinical signs and symptoms of the most common diseases in obstetrics and gynecology, and to teach the mentality and everyday routine of the subject.

Place of instruction (address of lecture hall or seminar room etc.):

Semmelweis University, Department of Obstetrics and Gynecology. Mailing address: 26 Üllői út, Budapest, 1085, Hungary

Competencies acquired through the completion of the course:

Obstetrics and gynecology studies start in the fifth year and – throughout the whole curricula – finishes at the end of the sixth year as part of the clinical education. During this period, our goal is to set the knowledge of obstetrics and gynecology together with the knowledge of other theoretical and clinical subjects of medicine. Our goal is to have graduated doctors with up-to-date theoretical knowledge and practical skills, who are able to build correct human relationships with patients, relatives and colleagues, and are able to work in medicine independently.

Prerequisites for course registration and completion: Finishing 4th year studies.

Conditions for concurrent course registration and permission thereof in the case of a multi-semester subject:

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Student headcount conditions for starting the course (minimum, maximum) and method of student selection:

Student selection method in case of oversubscription:

Based on registration in the NEPTUN system.

Detailed course description:

Associate professor, leading tutor : Gyula Richárd Nagy MD, PhD, med.habil

Practices

The education of the subject is based on a block system. During the two weeks block, students are visiting the Department for 8 days for the theoretical and practical courses and for the exams. Exams closing the block system are on the last week. As there are different topics during the block, students are educated rotating weekly, so at the same time, fewer students are studying a subspeciality. These students are further divided into smaller groups for practices next to the patient bed and for practices at the gynecological and obstetrical outpatient wards and delivery room.

Practice themes

Prenatal care
Ultrasonography
Neonatal intensive care
Neonatal resuscitation
Pathological pregnancy
Delivery room
Skill lab
Family planning
Outpatient clinic
Colposcopy
Amniocentesis
Gynecology
Oncology
Assisted reproduction
Preparation for labor

Lectures and Lecturers

Periconceptional period - Gyula Richárd Nagy MD, PhD, med.habil
Maternal changes during pregnancy - Gyula Richárd Nagy MD, PhD, med.habil; Ákos Csaba MD PhD
Prenatal care - Artúr Beke MD, PhD, med.habil
Ultrasonography, Fetal monitoring- -Gábor Szabó MD, PhD
Labor and delivery - Ákos Csaba MD PhD
Pathological delivery - Ákos Csaba MD PhD
Operative delivery - Ákos Csaba MD PhD
Puerperium . - Sára Balogh MD
Pregnancy pathology I-III. - Gyula Richárd Nagy MD, PhD, med.habil
Twin gestation – Ervin Hruby MD, PhD
Neonatology - Gyula Richárd Nagy MD, PhD, med.habil
Genetics I-II. - Gyula Richárd Nagy MD, PhD, med.habil
Gynecological endocrinology –Prof. János Urbancsek MD, PhD
Inflammatory diseases in OB&GYN- Sára Balogh MD, András Mihály Géczi MD
Infertility problems- Prof. János Urbancsek MD, PhD
Endometriosis- -Attila Bokor MD, PhD
Major gynecological benign diseases - Gyula Richárd Nagy MD, PhD, med.habil

Gynecological oncology I-III. - Gyula Richárd Nagy MD, PhD, med.habil
Contraception - Gyula Richárd Nagy MD, PhD, med.habil
Menopause - Attila Bokor MD, PhD

Related subjects due to interdisciplinary fields (both compulsory and elective) and potential overlaps between subjects:

Acute diseases – surgery, urology, intensive care
Mature and premature newborn care – pediatrics
Tumors – pathology, oncology
Transfusion – 2 weeks transfusion course for 6th year students
Sepsis, hemorrhagic problems – intensive care

Attendance requirements; conditions under which students can make up for absences and the method of absence justification:

According to the study and examination rules, participation on 75% of the courses is mandatory.

Form of assessment in the study period:

(including the number, topics and scheduling of oral and written tests, their share in the overall evaluation, make-up tests and improvement tests)

As the education course is short, no interim exams will take place during the study period. Interactive practices and visits will allow checking the knowledge of the students.

Number and type of assignments for individual work and the deadline for submission:

No such

Requirements to obtain the teacher's signature:

At least 75% participation on the course

Type of assessment (*comprehensive examination, end-term examination, term-grade, term-grade on a three-grade rating scale, no examination*):

Oral – colloquium

Examination requirements:

(*list of examination topics, subject areas of tests / examinations, lists of mandatory parameters, figures, concepts and calculations, practical skills*)

Oral questions:

check the list of questions on the homepage of the Department

List of examination topics:

OBSTETRICS

1. Obstetric and gynecologic evaluation
2. Physiologic changes in pregnancy (cardiovascular-, respiratory system)
3. Physiologic changes in pregnancy (renal system, hormonal changes)
4. Hypertensive disorders in pregnancy. Eclampsia. HELLP-syndrome
5. Signs and symptoms of pregnancy
6. Pregnancy care, pregnancy counseling
7. Pregnancy and cardiovascular diseases
8. Pregnancy and diabetes mellitus. Gestational diabetes
9. Pregnancy and kidney diseases. Urinary tract infections
10. Pregnancy and gastrointestinal disorders
11. Pregnancy and hematologic disorders
12. Spontaneous abortion
13. Preterm labor and delivery
14. Intrauterine growth retardation (IUGR)
15. Uterine activity during labor. Characteristics of contractions, their anomalies. Treatment

16. Dystocia caused by abnormal presentation and position of the fetus
17. Dystocia caused by abnormalities of fetal structure or maternal pelvic alterations
18. Stages of delivery. Management of the first and second stage
19. Stages of delivery. Management of the third and fourth stage
20. Preparation for delivery. Obstetric anesthesia
21. Induction and augmentation of labor
22. Cephalopelvic disproportion and its consequences
23. Breech presentation
24. Malpresentations
25. Anomalies of rupture of membranes
26. Placenta previa. Other placental abnormalities
27. Multiple gestation
28. Placental abruption
29. Amniotic fluid and its disorders. Polyhydramnios and oligohydramnios
30. Postpartum hemorrhage
31. Lesions of the birth canal. Uterine rupture
32. Infectious diseases in pregnancy. Bacterial and parasite infections
33. Infectious diseases in pregnancy. Viral infections
34. Intrauterine fetal death. Postterm pregnancy
35. Detection of fetal jeopardy during pregnancy
36. Cardiotocography
37. Genetic counseling – Teratology
38. Licit and illicit drug use in pregnancy
39. Obstetrical examinations
40. Ultrasound diagnosis during gestation
41. Physiologic puerperium
42. Pathologic puerperium. Puerperal sepsis
43. Management of the newborn after delivery
44. Main forms of congenital malformations
45. Obstetric operations. Cesarean section (indications)
46. Obstetric statistics
47. Breast feeding
48. Pregnancy complicated by surgical diseases (appendicitis, ileus, cholelithiasis)
49. Advices during pregnancy

GYNECOLOGY

1. Primary amenorrhea
2. Secondary amenorrhea
3. Stein-Leventhal syndrome (PCOS)
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5. Signs and symptoms of pregnancy
6. Pregnancy care, pregnancy counseling
7. Pregnancy and cardiovascular diseases
8. Pregnancy and diabetes mellitus. Gestational diabetes
9. Pregnancy and kidney diseases. Urinary tract infections
10. Pregnancy and gastrointestinal disorders
11. Pregnancy and hematologic disorders
12. Spontaneous abortion
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40. Ultrasound diagnosis during gestation

Method and type of grading:

(Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results of the end-of-term assessment. Possibilities of and conditions for offered grades.)

Activity during the block practice (10%) + oral exam (90%)

90-100% excellent, 80-89% good, 70-79% average, 60-69% satisfactory, 0-59% failed

List of course books, textbooks, study aids and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids:

Essentials of Obstetrics and Gynecology N.F. Hacker and J.G. Moore 5th Edition

Obstetrics by Ten Teachers 20th Edition

Gynecology by Ten Teachers 20th Edition

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

28th April 2023

