

**MED 4010 - Clerkship II**

Course Name	Code	Semester	Type of Course	Theory (hours)	Group Work (hours)	ECTS
Clerkship II	MED 4010	VIII	Mandatory	0	80	4
Faculty, the educational program and education level	Faculty of Medicine, one-cycle Educational Program "Medicine"					
Author (s)	<p><b>Jumber Ungiadze</b> – invited teacher Mob.tel.: 577 407435 e-mail: <a href="mailto:jungiadze@mail.ru">jungiadze@mail.ru</a></p> <p><b>Maia Makalatia</b> – Assistant Professor Mob.tel.: 577 407435 e-mail: <a href="mailto:maiamakalatia@yahoo.com">maiamakalatia@yahoo.com</a></p> <p><b>Tunc Fishgin</b> –invited teacher Mob.tel.: 0541 417 45 55; e-mail: <a href="mailto:tunc.fisgin@bahcesehir.edu.tr">tunc.fisgin@bahcesehir.edu.tr</a> Consultation day - individually</p>					
Educational course format	Group work					
Educational course Loading	<p><b>Total:</b> 120 acad. hours <b>Contact hours:</b> - 84 h</p> <ol style="list-style-type: none"> <li>1. Group work - 80 h</li> <li>2. Mid-term Exam- 2 h</li> <li>3. Final exam -2 h</li> </ol> <p><b>Independent work</b> – 36 h</p>					
Prerequisites	MED 4003 - Gynecology and Obstetrics					
The purpose (s) of tutorial course/modules	<p><b>The aim of the learning course</b> is to elaborate for the student the practical skills on the base of gynecologic and obstetrics department : diagnostics methods, instrumentation, diagnostic and treatment procedures, patients monitoring and management, assistance of delivery process, ability of communication with the patient, his/her family members and other relatives, give the patient correct information, discuss with the colleagues about the clinical case and to discuss on the disease, to make logical conclusions and proper decision, the ability of correct forming of medical documentation, the experience of group work, the protection of subordination principle.</p>					
Teaching and learning methods	<p><b>Practical skills-</b> on the gynecology and obstetrics department of clinic base: patient's examination, objective research, the discussion and interpretation of the results of clinical-laboratory and instrumental investigations, the attendance on the operations (gynecological and obstetrical – cesarean section) , normal delivery process and various manipulations; patient monitoring; patient management, patient care( before and after delivery);</p> <p><b>Clinical duty</b> in the gynecology and obstetrics department.</p>					

<p><b>Assessment criteria</b></p>	<p><b>Maximum score- 100:</b></p> <p><b>1. Midterm assessment -60:</b></p> <p>1.1. Activity – <b>40 scores:</b></p> <p>1.1.1. Duty in clinics- <b>20 scores</b> (2 duty X 10 scores)</p> <p>1.1.2. Practical skills (on the base of gynecology-obstetrics departments) -max. <b>20 scores;</b></p> <p>1.2. <b>Midterm exam -20 scores</b></p> <p><b>Clinical skills Assessment – 20 scores max.</b></p> <ul style="list-style-type: none"> <li>• Accordance of theoretical knowledge and clinical skills -2 scores;</li> <li>• Manipulation exact consequence – 2 scores;</li> <li>• Clinical results interpretation skills - 2 scores;</li> <li>• Patients and doctors safety – 2 scores;</li> <li>• Communication skills with patients – 2 scores;</li> <li>• Ethical and deontology principles – 2 score;</li> <li>• Analytical thinking about diagnose – 2 score;</li> <li>• Proper orientation it terms of time-limit – 2 scores;</li> <li>• Emergency situation manage skills – 2 scores;</li> <li>• Patients' agreement signing and preparation for procedure – 2 scores</li> </ul> <p><b>Midterm Exam – 20 scores (combined form)</b></p> <p>Written test -20 close multiple-choice questions 0,5 score for each -max. 10 score and 1 clinical case analyses – 10 score; total: 20score)</p> <p><b>Minimal scores of midterm assessment (for final exam) – is 11.</b></p> <p><b>2. Final Exam -40 scores</b></p> <p>Will be held on the base of “Clinical Skills Development Center”</p> <p>The final exam would accounted as passed in case of maximum 70% or more (<math>40 \times 70 / 100 = 28</math> scores).</p> <p>Credit will be given to the student if he has collected at minimum 51 scores out of 100.</p> <p>Student's assessment has to be done in the following way:</p> <p>Positive rate:</p> <ul style="list-style-type: none"> <li>• (A) Excellent- 91 or more scores;</li> <li>• (B) Very Good- 81-90 scores;</li> <li>• (C) Good- 71-80 scores;</li> <li>• (D) Satisfactory- 61-70 scores;</li> <li>• (E) Enough- 51-60 scores;</li> </ul> <p>Negative rate:</p> <ul style="list-style-type: none"> <li>• (FX) Failure - 41-50 scores, which means that a student needs to work more and an independent and considerable further work is required to pass the exam once again to be re-awarded;</li> <li>• (F) Fail – 40 scores or less, which means that the student's diligence is not sufficient and student has to learn the subject all over again.</li> </ul> <p>Student can pass the additional exam during the same semester.</p> <p>The time interval between the final and the additional exams should be not less than 10 days.</p>
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<b>The basic literature</b>	<ol style="list-style-type: none"> <li>1. F. Garry Cunningham <b>Williams Obstetrics</b>, XXIII, 2009;</li> <li>2. John O. Schorge, <b>Williams Gynaecology</b>, IV, 2008</li> <li>3. Edited by: Joseph J. Apuzzio, Anthony M. Vitzileos, Leslie Iffy <b>Operative Obstetrics</b>, Taylor&amp;Francis Group, 2006</li> <li>4. Eric J. Bieber, Joseph S. Sanfilippo, Ira R. Horowitz <b>Clinical Gynecology</b> Churchill Livingstone Elsevier, 2012</li> </ol>
<b>The auxiliary literature</b>	<ol style="list-style-type: none"> <li>1. Hedwic Hricak <b>Diagnostic Imaging Gynecology</b>, Amirsys, 2007;</li> <li>2. Eric J. Bieber, Norman Jeffcoat, Edited by: Pratap Kumar, Narendra Malhotra Jeffcoate's <b>Principles of Gynaecology</b>; Churchill Livingstone Elsevier, 2012</li> </ol>

#### The tutorial/training course content

Nº	Subjects	Work in group (hour)
1	Gynecologic practice in ambulatory. General gynecologic practice (colposcopy, hysteroscopy, smear taking). Gynecologic Infections and Inflammatory Diseases' diagnostics. Urogenecology. Pediatric and Adolescent Gynecology.	18
2	Minimally Invasive Surgery (extirpation). Reproductive Endocrinology and Infertility. Spontaneous and indicated abortions. Clinical pelvimetry. Pregnant patients management in according of semesters. First trimester embriofetoscopia. Chronic villus sampling. Amniocentesis	14
	<b>Mid-term Exam</b>	2
3	Fetal transfusion. Fetal endoscopic surgery and lazer coagulation therapy. Management of fetal formation. Physiological delivery. Management of different periods of pregnancy hemorrhage. Delivery of twins and higher-order multiples.	12
3	Postpartum failures (Wound treatment, suture, drainage, preventive measures against infection). Anesthesia procedures in Obstetrics.	18
5	Birth injuries. Wound healing, sutures, knots, needles, drains and instruments. Cesarean section. Prevention of surgical site infections. Anesthetic procedures in obstetrics. Trauma in pregnancy. Surgery during pregnancy. Patient safety.	18
	Final Exam	2

#### Learning Outcomes

Criteria	Competences
Applying knowledge	<p>After the completion of the learning course the student will know and be able to:</p> <ul style="list-style-type: none"> <li>• Urogenital system's diseases examination, diagnostics and treatment;</li> </ul>

	<ul style="list-style-type: none"> <li>• Diagnosing the gynecologic diseases: manual, laboratory and instrumental;</li> <li>• Colposcopy instrumentation and Procedures;</li> <li>• Urogynecologic workup and testing, diagnosing and treatment;</li> <li>• Laparoscopic Instrumentation and Procedures;</li> <li>• Hysteroscopy Instrumentation and Procedures;</li> <li>• Diagnosing and treatment of carcinoma ( vulvar, vaginal, cervical, endometrial, uterine, fallopian tube, ovarian);</li> <li>• Diagnosing and treatment amenorrhea, infertility, menopause;</li> <li>• Contraception administering and manage;</li> <li>• Pregnancy monitoring by trimesters;</li> <li>• Normal delivery manage: cutting of the cord, delivery of placenta;</li> <li>• Episiotomy technics;</li> <li>• Cesarean section technics;</li> <li>• Postoperative care of Gynaecologic patients;</li> <li>• Patient Care before and after delivery</li> </ul>
Making Judgment (Analysis and Synthesis)	<p>Student is able to collect and interpret properly the anamnesis data of patients and make the valid conclusions.</p> <p>On the base of the theoretical and practical knowledge the scientific thinking and logical reasoning skills has to be formed to allow the student working out the appropriate strategy in the concrete academic and clinical situation.</p>
Communication Skills	<p>The student has elaborated the ability of communication with the patient and his/her relatives, will be able to give explanations about the disease, to discuss the plan of treatment, to talk about complications, to confirm the necessity of the participation in disease management, to protect the rights of patient.</p> <p>He/she will be able to talk with the colleagues, to show his/her ideas and to define his/her position. In the process of work at the clinic the student will keep the principles of subordination, will have the experience of group work, will be able to allocate time, to define the priorities in his/her activities, will be responsible for the performed and to estimate it objectively and critically. Student can working in group, has watching, listening, summarizing, asking and answering questions abilities, is able to participate in the discussion. During the education process the professional and friendly relationship has to be formed with the older (professors / teachers) and younger (this and other groups students) colleagues, communication with any person regardless of their social, cultural, religious or ethnic affiliation.</p>
Learning Skills	<p>Student can manage the different form of academic and scientific information from different sources (classic and electronic library, the Internet) to work fast and look for the relevant information effectively. These found materials has to be planned, processed, analyzed, and to make the best use for the report with the proper conclusions as in in writing, as well as in verbal form.</p> <p>The student will be aware of the update of his/her knowledge during the professional activities.</p>
Valuable	Responsibility for the work has been done, its objective evaluation and critical view.