

Course Title	<b>Obstetrics and Gynaecology</b>						
Course Code	<b>MED-509</b>						
Course Type	Required						
Level	Undergraduate						
Year / Semester	Year 5 / Semester 10 (Spring)						
Teacher's Name	Prof Vasilios Tanos						
ECTS	8	Lectures /Week	4	Laboratories / week	0	Clinical Practice	36
Course Purpose and Objectives	<p>The main objectives of the last two years of the six-year medical programme are to provide students with extensive experience in the clinical environment, mainly in hospitals but also in the community, so that they can utilise their learning over the previous four years to practise their clinical, communication, diagnostic and reasoning skills on real patients, and to learn about the management of patients, from a medical, therapeutic, surgical, psychosocial and caring perspective.</p> <p>In this course, students will spend four weeks working primarily with patients with gastrointestinal disorders, including liver and pancreas. They will develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical and/or surgical as appropriate) and management plan for common gastrointestinal disorders.</p> <p>The students will learn how to take detailed histories from, carry out systematic clinical examination of, and interpret laboratory and imaging data on patients with disorders of the respiratory system and breast. The students will gain a basic understanding of the application and type of information to be obtained from different methods for investigating the gastrointestinal tract. They will also spend time in theatre observing gastrointestinal surgery.</p>						
Learning Outcomes	<p>After completion of the course students are expected to be able to:</p> <ol style="list-style-type: none"> <li>1. Take a general obstetric history, and identify case-specific obstetric risk factors, from women with normal and abnormal pregnancies, in a sensitive and caring manner</li> <li>2. Describe, in detail, normal pregnancy, labour, delivery and the puerperium and its management.</li> <li>3. Take a gynaecological history from women with abnormal gynaecological presentations</li> <li>4. Carry out obstetric examinations, including what is required for a routine antenatal check.</li> </ol>						

	<ol style="list-style-type: none"> <li>5. Carry out an abdominal examination, with particular relevance to common gynaecological conditions.</li> <li>6. Perform intimate examinations where appropriate, including vaginal and speculum examinations on both gynaecological and obstetric patients.</li> <li>7. Develop competence at taking cervical smears and where relevant vaginal and cervical swabs.</li> <li>8. Select appropriate investigations for Obstetrics &amp; Gynaecology patients, interpret the results accurately and come up with a differential diagnosis for the presenting complaint.</li> <li>9. Prepare a treatment management plan for the patient to present to the responsible clinician to include medical, pharmacological, surgical options as appropriate.</li> <li>10. Communicate effectively with women and colleagues about general health and problems related to their reproductive system.</li> <li>11. Work effectively as a key team member in the management of health and illness issues for women.</li> <li>12. Observe, and where appropriate carry out or assist with, the following procedures: pelvic examination, forceps, vacuum &amp; Caesarean delivery, manual removal of the placenta, foetal blood sampling, epidural and spinal anaesthetic delivery, episiotomy, family planning, termination of pregnancy (TOP), obstetric scanning, fertility planning, colposcopy, uterine curettage and evacuation, hysteroscopy, hysterectomy, salpingo-oophorectomy, anterior and posterior vaginal repair, colposuspension, Caesarean section and other surgical procedures, planned and opportunistic.</li> </ol>		
Prerequisites	None	Required	None
Course Content	<ul style="list-style-type: none"> <li>• Antenatal care</li> <li>• Intrapartum Care</li> <li>• The puerperium</li> <li>• Prepubertal and congenital gynaecological disorders</li> <li>• Ambiguous genitalia</li> <li>• Pubertal disorders</li> <li>• Menstruation and menstrual disorders</li> <li>• Amenorrhoea, oligomenorrhoea, menorrhagia, dysmenorrhoea</li> <li>• Dysfunctional uterine bleeding (DUB)</li> <li>• Intermenstrual (IMB) and post coital bleeding (PCB)</li> <li>• HRT</li> <li>• Pelvic Pain and Dyspareunia</li> <li>• Fertility Control</li> <li>• Genital Tract Infection</li> <li>• Sexually transmitted infections</li> <li>• Fertility and sub-fertility, IVF</li> <li>• Polycystic Ovarian Syndrome (PCOS) and hirsutism</li> <li>• Climacteric and Menopause disorders</li> <li>• Postmenopausal disorders</li> <li>• Pelvic organ prolapse</li> <li>• Urinary incontinence</li> </ul>		

	<ul style="list-style-type: none"> <li>• Gynaecological Oncology and screening</li> <li>• Gynaecological surgery</li> <li>• Gestational diabetes</li> <li>• Pre-eclampsia</li> <li>• Intrauterine pregnancy</li> <li>• Hyperemesis gravidarum</li> <li>• Miscarriage</li> <li>• Ectopic pregnancy</li> <li>• Hydatidiform mole &amp; choriocarcinoma</li> <li>• Postpartum haemorrhage</li> <li>• Cord prolapse</li> <li>• Shoulder dystocia.</li> <li>• Respiratory distress syndrome of the new-born</li> <li>• Lactation</li> <li>• Mother-child bonding</li> <li>• Healthcare professionals involved in O&amp;G patient care</li> </ul>																				
Teaching Methodology	The course is delivered by clinical placements, lectures, tutorials, case studies and group discussions.																				
Bibliography	<p><b>Required Textbooks / Reading:</b></p> <table border="1"> <thead> <tr> <th>Title</th> <th>Author(s)</th> <th>Publisher</th> <th>Year</th> <th>ISBN</th> </tr> </thead> <tbody> <tr> <td>Hanretty, K</td> <td>Obstetrics Illustrated, 7<sup>th</sup> ed.</td> <td>Churchill Livingstone</td> <td>2010</td> <td>9780702030666</td> </tr> <tr> <td>Symonds, I.M. &amp; Arulkumaran, S</td> <td>Essential Obstetrics and Gynaecology, 6<sup>th</sup> ed.</td> <td>Churchill Livingstone</td> <td>2020</td> <td>9780702076381</td> </tr> <tr> <td>Sally Collins, Kevin Hayes, Sabaratnam Arulkumaran, Kirana Arambage, Lawrence Impey</td> <td>Oxford handbook of Obstetrics and Gynaecology, 4th ed.</td> <td>Oxford</td> <td>2023</td> <td>9780198838678</td> </tr> </tbody> </table>	Title	Author(s)	Publisher	Year	ISBN	Hanretty, K	Obstetrics Illustrated, 7 <sup>th</sup> ed.	Churchill Livingstone	2010	9780702030666	Symonds, I.M. & Arulkumaran, S	Essential Obstetrics and Gynaecology, 6 <sup>th</sup> ed.	Churchill Livingstone	2020	9780702076381	Sally Collins, Kevin Hayes, Sabaratnam Arulkumaran, Kirana Arambage, Lawrence Impey	Oxford handbook of Obstetrics and Gynaecology, 4th ed.	Oxford	2023	9780198838678
Title	Author(s)	Publisher	Year	ISBN																	
Hanretty, K	Obstetrics Illustrated, 7 <sup>th</sup> ed.	Churchill Livingstone	2010	9780702030666																	
Symonds, I.M. & Arulkumaran, S	Essential Obstetrics and Gynaecology, 6 <sup>th</sup> ed.	Churchill Livingstone	2020	9780702076381																	
Sally Collins, Kevin Hayes, Sabaratnam Arulkumaran, Kirana Arambage, Lawrence Impey	Oxford handbook of Obstetrics and Gynaecology, 4th ed.	Oxford	2023	9780198838678																	
Assessment	Final year exam and final year OSCE																				
Language	English																				