

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	<b>Course Lead:</b> 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 4 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 five weeks working primarily with women of all ages, and, particularly during pregnancy, labour and birth, with their families. They will develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical, pharmacological and surgical) and management plan for straightforward and abnormal obstetric and gynaecological conditions.</p> <p>The course introduces the students to key processes in human procreation and development. They will follow normal and abnormal pregnancies, from conception to delivery and will encounter, and learn how to deal with, common obstetric problems, including emergencies. Students will also acquire an understanding of all aspects of health and illness relating to women from childhood to old age and will</p> <p>Identify common problems related to the female reproductive system and describe their management.</p>						
Learning Outcomes	<p>After the completion of the course the students should 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, fetal 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> </ul>		

	<ul style="list-style-type: none"> <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> <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 newborn</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, theatre attendance and visits to the community.																									
Bibliography	<p style="text-align: center;"><b>Required Textbooks/Reading:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Authors</th> <th style="width: 30%;">Title</th> <th style="width: 20%;">Publisher</th> <th style="width: 10%;">Year</th> <th style="width: 15%;">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</td> <td>Churchill Livingstone</td> <td>2004</td> <td>0443071470</td> </tr> </tbody> </table> <p style="text-align: center;"><b>Recommended Textbooks/Reading:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Authors</th> <th style="width: 30%;">Title</th> <th style="width: 20%;">Publisher</th> <th style="width: 10%;">Year</th> <th style="width: 15%;">ISBN</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Authors	Title	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	Churchill Livingstone	2004	0443071470	Authors	Title	Publisher	Year	ISBN					
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	Impey L et al. (eds.)	Oxford handbook of Obstetrics and Gynaecology. (3 <sup>rd</sup> ed.)	Oxford	2013	9780199698400
Assessment	Final year exam and final year OSCE.				
Language	English				