

Course Title	Traineeship IV (Maternal/Child health III)				
Course Code	MD615				
Course Type	Compulsory				
Level	1 st Cycle (MD)				
Year / Semester	6 th Year / 11 th -12 th Semester				
Teacher's Name	TBA				
ECTS	9	Lectures / week	0 / 32 weeks	Laboratories / week	7 / 32 weeks
Course Purpose and Objectives	<p>The objective of this course is to provide safe and effective care to gynecological patients and pregnant women according to the knowledge obtained from previous year.</p> <p>Acquire responsibility for the patients under the care of the Consultant to whose firm you are attached at the time, and for the patients when undertaking emergency cover with the other resident doctors that are on duty. You will refer to the Consultant(s) when problems arise which are beyond your authority and/or experience, and advise the resident doctors.</p> <ul style="list-style-type: none"> -In-Door & Out-Door Patients clinical examination -Applying specialist knowledge and skills across a range of impairments, procedures and practices gained through practical experience, underpinned by theoretical knowledge in the field of Obstetrics & Gynecology. -Have a continuing responsibility for the care of patients and the functioning of the department of Obstetrics & Gynecology. -Providing diagnosis and treatment for all categories of patient in the department of Obstetrics & Gynecology. -To participate in staff meetings, forums and development programmes in order to support development of service and maintenance of high quality care in the field of Obstetrics & Gynecology. <p>a) Perform a complete history, physical examination, establish and confirm gestational age and identify risk factors during an initial antenatal assessment.</p> <p>b) Identify health issues and counsel patients with respect to nutrition, activity and exercise, sexual activity, smoking and drug use in pregnancy.</p> <p>c) Discuss the importance of routine prenatal laboratory investigations, prenatal diagnostic options (Amniocentesis, CVS) and ultrasound assessment of fetal morphology.</p>				
	d) Participate in ongoing antenatal care and investigations (GDM screening, Rh prophylaxis, GBS screening, term cervical				

	<p>assessment) to ensure maternal health and normal fetal growth and wellbeing.</p> <p>a) Perform a sensitive, organized history (including menstrual, contraceptive, sexual and gynaecologic history) in ambulatory patients presenting with gynaecologic problems.</p> <p>b) Perform a complete physical examination with an emphasis on the gynaecologic examination (abdominal exam, bimanual pelvic exam, speculum exam and pap smear) in ambulatory patients presenting with gynaecologic problems.</p> <p>c) Develop a differential diagnosis and management plan for common gynaecologic problems (dysmenorrhea, dysfunctional uterine bleeding, contraception, infertility, pelvic mass, menopausal symptoms, post menopausal bleeding, pelvic relaxation and urinary incontinence).</p> <p>d) Understand the importance of screening for cervical cancer and current screening programs. Discuss the results of an abnormal pap smear and outline appropriate investigations and follow up.</p> <p>e) Conduct patient-centered interviews that explore the patient's feelings, ideas, impact on function, and expectations.</p> <p>f) Develop relationships with patients characterized by compassion, empathy, respect, and genuineness, demonstrating a willingness to collaborate with the patient about management.</p> <p>g) Perform a physical examination without causing the patient embarrassment.</p> <p>h) Adapt treatment plans to the individual with consideration for the patient's age, general health, special needs, expectations, cultural background, progress, or changes in condition.</p> <p>i) Demonstrate skill in communication of information with clear, concise explanations that are</p> <ol style="list-style-type: none"> 1. The differential diagnosis and management; the normal healthy state, the natural course of pediatric problems, variations in and departure from the normal in the following pediatric topics.
	<ol style="list-style-type: none"> 2. The adequate experience in both in-hospital services and the ambulatory facilities of a children's hospital or of the pediatric department of a general hospital 3. The appropriate experience in community based child health services 4. The clinical pediatric presentation of well-documented assessments and recommendations in written and/or verbal form 5. The ability to effectively and appropriately prioritize professional duties when faced with multiple pediatric patients and problems 6. The skills to work collaboratively with and to provide consultation to other medical and health disciplines dealing with infants and children, especially with Psychiatry, Surgery and Obstetrics 7. The rapport, trust, and ethical therapeutic relationships with pediatric patients and families 8. The maintaining of professional pediatric activities through ongoing learning

	<p>9. The contribution to the development, dissemination, and translation of new knowledge and pediatric best practices</p> <p>The overall scope of this rotation is for students to familiarize with the responsibilities of physicians, including obtaining history, performing physical examination, delivery, proposing investigation and management plans, following patients' daily progress, completing medical charts and discharging.</p>
<p>Learning Outcomes</p>	<p>Upon successful completion of this course, students will be able to:</p> <ul style="list-style-type: none"> • Demonstrate competence in patient assessment, assigning priorities to new problems presented and weighing the relevance of the information obtained. • Present a succinct history in verbal and/or written form. • Develop a differential diagnosis from history and physical examination. • Be comfortable with and competent to perform bi-manual examination, pap smear and vaginal swab. • Develop an optimum plan for further investigation and treatment of patient problems based on the patient's individual needs, an evidence-based approach and a consideration of resource availability. • Be aware of the nature and principles of management of tertiary problems within the specialty of obstetrics and gynaecology.
	<ul style="list-style-type: none"> • Have a satisfactory understanding of the nature of the practice of obstetrics and gynaecology and the lifestyle of the obstetrician/gynaecologist. • Be capable of making a well-informed decision regarding the selection of this specialty as a vocation. • Ability to act as part of a team • Ability to cope with a varying work load • The students have the opportunity to take responsibility for their own learning. Every ward round, clinic or theatre session is an opportunity to learn. • Recall the morphological and functional characteristics of the newly-born, the child and the adolescent. • Describe the normal process of growth of the child and the adolescent. • Explain the cognitive, emotional and psychosocial development in childhood and adolescence. • Discuss the fundamentals of nutrition in the child. • Demonstrate that they know the characteristics of the premature new-born and their comprehensive care. • Discuss the fundamentals of diagnosis and genetic counselling. • Identify the most frequently encountered pediatric pathologies. • Diagnose the most frequently encountered pediatric pathologies by obtaining a past clinical history of the child, physical examination of the newly-born, infant, child and adolescent,

	<p>indications and interpretation of the principal complementary studies used in paediatrics.</p> <ul style="list-style-type: none"> • Manage the medical-surgical treatment of the most frequently encountered pediatric pathologies. 		
Prerequisites	None	Co-requisites	None
Course Content	<p>In Maternal Health:</p> <ul style="list-style-type: none"> -Exposure to a wide variety of obstetrical and gynecologic problems in both in-patient and out-patient settings. -Elective experience in keeping with the day-to-day practice pattern of members of the department of obstetrics and gynecology -Opportunity to assess this career path. - Develop expertise in the delivery of routine care to the antenatal patient through all stages of pregnancy, including intrapartum and postpartum care. - Participate to surgical operations and acquire surgical skills <p>In Child Health:</p> <ul style="list-style-type: none"> • Normal growth and development of the newly-born, infant, child and adolescent. • Cognitive, emotional and psychosocial development in childhood and adolescence 		
	<ul style="list-style-type: none"> • Fundamentals of child nutrition. • Premature newly-born and its comprehensive care and neonatal care. • Childhood immunizations, prevention of disease and health promotion • Most frequently encountered paediatric pathologies. <ul style="list-style-type: none"> ○ Immune system and infections ○ Disorders of the metabolic, respiratory, circulatory, hematological, digestive, nephro-urological, endocrine, nervous, dermatological & musculoskeletal systems and of the eye and ear; ○ Hematological and solid malignancies; • Methods of diagnosis (history, physical examination and laboratory tests) of the above described diseases and conditions • Medical and surgical treatment and prevention of the above described diseases and conditions 		
Teaching Methodology	<p>Attend hospitals and departments according to the schedule agreed with the supervisor, including ward rounds, operations timetable, outpatient clinics.</p> <p>Students shadow residents and consultants in various departments (including outpatient offices and clinics and special units). They are assigned to patients, whom they follow from admission to discharge and act as attending physicians, under the supervision of their clinical instructors.</p>		

Bibliography	<p>-Oxford Handbook of Obstetrics & Gynecology, by Sally Collins, Sabaratnam Arulkumaran, Kevin Hayes, Simon Jackson, Lawrence Impey</p> <p>- Williams Gynecology, Kindle Edition by Barbara L. Hoffman (Author), John O Schorge (Author), Karen D Bradshaw (Author), Lisa M. Halvorson (Author), Joseph I. Schaffer (Author), Marlene M. Corton (Author)</p> <p>- Current Diagnosis & Treatment Obstetrics & Gynecology, (LANGE CURRENT Series) Alan H. DeCherney (Author), Lauren Nathan (Author), T. Murphy Goodwin (Author), Neri Laufer (Author), Ashley S. Roman (Author)</p> <p>- Williams Obstetrics by Jodi S. Dashe (Author), Steven L. Bloom (Author), Catherine Y. Spong (Author), Barbara L. Hoffman (Author)</p> <p>Nelson Textbook of Pediatrics; Richard Behrman / Kliegman, Robert M.; 978-1437707557; Saunders; Paediatrics and Child Health; Rudolf, M. / Levene, M.; 3rd; 978-1405194747; Wiley-Blackwell;</p> <p>Harriet Lane Handbook of Pediatrics; 9780323473705</p> <p>Red Book®; Committee on Infectious Diseases; American Academy of Pediatrics; David W. Kimberlin, MD, FAAP; Michael T. Brady, MD, FAAP; Mary Anne Jackson, MD, FAAP; Sarah S. Long, MD, FAAP</p>
	<p>Current Diagnosis and Treatment Pediatrics; Hay W.M., Levin M.J., Sondheimer J.; 978-0071779708; Lange Current Series;</p> <p>European Academy of Pediatrics http://eapaediatrics.eu/</p> <p>American Academy of Pediatrics https://www.aap.org/en-us/Pages/Default.aspx</p> <p>National Institute of Health care and excellence (NICE) in pediatrics https://www.nice.org.uk/guidance/population-groups/children-and-young-people</p> <p>European Medicines Agency (EMA) pediatric guidelines https://www.ema.europa.eu/en/human-regulatory/research-development/paediatric-medicines/scientific-guidelines-paediatrics</p> <p>IDSA guidelines: https://www.idsociety.org/practiceguidelines/#/score/DESC/0/+/</p>
Assessment	<p>Examinations: 70%</p> <p>Assignment/Lab/Logbook 20%</p> <p>Class Participation: 10%</p>
Language	English