

**NEAR EAST UNIVERSITY**

**FACULTY OF MEDICINE**

 **PHASE IV**

 **COURSE CATALOGUE**

 **2022 – 2023**

**COORDINATOR**

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**AIM AND LEARNING OBJECTIVES OF PHASE IV**

***AIMs***

To convey the major branches of clinical medical science

To know the major mechanisms of the diseases

To enable clinical diagnosis

To interpret clinical laboratory test results

To plan the medical and surgical treatments

To learn how to prevent and to control diseases

***LEARNING OBJECTIVES***

At the end of Phase I, students should be able to:

**KNOWLEDGE:**

1.0 Define the major diseases in medicine.

2.0 Explain pathophysiology of the major diseases.

3.0 Define major signs and symptoms of the major diseases.

4.0 Inform and educate the patient about his /her disease.

**SKILLS:**

1.0 Apply basic methods of history taking according to the major clinical branches.

2.0 Apply the diagnostic procedures for the major diseases.

3.0 Plan understand and apply rational prescribing rules and apply treatment methods.

4.0 Follow up clinical outcomes.

5.0 Plan and apply preventive procedures against major diseases.

**ATTITUDES:**

1.0 Explain and discuss ethical problems of the major diseases by interactive methods.

**PHASE IV COURSE OBJECTIVES AND CONTENTS**

**CLERKSHIPS**

**Internal Medicine (course type: compulsory; course code: MED 401)**

**Duration:** 9 weeks

**Course objective**: Students are expected to acquire and apply competencies composed of knowledge, skills and attitudes in the area of Internal Medicine.

**Course content:** Lectures, Clinical tutorials (small group discussions), bedside education and other practical sessions on how to evaluate the adult patient as a whole, obtain medical history, perform a physical examination, formulate preliminary/differential diagnoses, order and evaluate tests with regard to their cost-effectiveness, performance and contribution to the work-up of the disease, manage acute medical problems, manage chronic diseases, and apply preventive care measures.

**Paediatrics (course type: compulsory; course code: MED 402)**

**Duration:** 9 weeks

**Course objective**: Students are expected to learn how to evaluate and interpret growth, age specific growth, mental and motor developmental steps, age-specific nutrition, immunization status and practices, neonatal physiological characteristics and pathological conditions, newborn care and resuscitation, normal pubertal development, and how to manage and counsel for common inherited diseases in the population. They shall be able to diagnose, treat and follow patients with common childhood diseases, take history, perform physical examination and evaluate signs and symptoms,evaluate growth, mental and motor developmental milestones, nutrition and perform immunizations,diagnose and treat common childhood diseases,diagnose and manage emergency situations and decide in what situations the patient should be referred to a pediatrician and/or to experienced medical institutions.

**Course content**: Lectures, clinical tutorials (small group discussions), bedside education and other practical sessions on how to evaluate the pediatric patient, obtain medical history, perform a physical examination, formulate preliminary/differential diagnoses, manage acute and chronic medical problems, and apply preventive care measures.

**General Surgery (course type: compulsory; course code: MED 403)**

**Duration:** 9 weeks

**Course objective**: At the end of this course the student is expected to define frequent surgical diseases, treatment methods, taking history from surgical patients, perform accurate physical examinations, define appropriate diagnostic procedures, gain basic surgical skills.

**Course content**: Basic treatment approaches to a trauma patient or a patient with shock, and will classiffication of burn wounds and wound healing steps, differential diagnosis in a patient with acute abdomen, differential diagnosis for frequently encountered surgical diseases, take history and perform physical examination in a surgical patient, performing basic surgical procedures (glowing, dressing change).

**Obstetrics & Gynaecology (course type: compulsory; course code: MED 404)**

**Duration:** 9 weeks

**Course objective**: The students are expected to define the basic knowledge and gain skılls and competences about obstetrics and gynecology.

**Course content:** Lectures, bedside education, hands-on training and other practical sessions evaluating basic obstetric and gynecological concepts, pregnancy follow up and obstetric complications, normal and operative delivery, normal reproendocrinologic cycle, reproendocrinopathies and contraception, benign and malignant gynecological pathologies, gynecological and endocrinological problems in adolescent and menopausal women, infectious diseases in gynecology, formulate preliminary/differential diagnoses and preventive care measures.

**Clinical Pharmacology (course type: compulsory; course code: MED 405)**

**Duration:** 1 weeks

**Course objective**: At the end of this committee the student is expected to write a complete and correct prescription by using personal drug list.

**Course content**: Lectures include the required theoretical content for P-drug list concept and good prescription writing and making a treatment plan by using this content.

**Clerkship Evaluation Session**

***Aim of the Session:***

At the end of the courses, evaluation sessions will be held in to evaluate the pros and cons for all the rounds following each course examination.

**Objectives**

1.0 The exam questions will be discussed.

2.0 The students and the tutors are expected to prepare and share mutual clerkship evaluation in oral and in written.

3.0 The students and the tutors are expected to attend the Clerkship Evaluation Session

**INDEPENDENT LEARNING**

**Description:**

Independent learning is also described as ‘personalised learning’, ‘student-centred learning’ and ‘ownership’ of learning and enables shifting of responsibility for the learning process from the teacher to the student. Independent learning has a vital role for continuing development of a system of school education that promotes high quality and lifelong learning and social equity and cohesion.

Independent learning hours are scheduled after 3.0 p.m. in working days.

**Benefits of independent learning for students**

Indepent learning aims to achieve the following objectives:

* improved academic performance
* increased motivation and confidence
* greater student awareness of their limitations and their ability to manage them
* enabling teachers to provide differentiated tasks for students
* fostering social inclusion by countering alienation

**What a student should do for learning independently?**

|  |  |  |
| --- | --- | --- |
|  | **Strategies to Enable Independent**  **Learning (Crawford)**   | **Activities to Structured Learning (Keste**  |
| **S**  | Select and focus topic and information needs.  | Diagnose Need  |
| **U**  | Uncover potential sources of information. Learn how to access them.  | Identify Learning Resources  |
| **C**  | Collect, examine, and select suitable resources.  | Identify Learning Resources  |
| **C**  | Compile relevant information from selected sources.  | Use Resources  |
| **E**  | Evaluate, interpret, analyze, and synthesize the information.  | Use Resources  |
| **E**  | Establish and prepare an appropriate format and present the information.  | Use Resources  |
| **D**  | Determine the effectiveness of the whole process.  | Assess learning  |

**References for further reading:**

1. http://www.leeds.ac.uk/educol/documents/193305.pdf
2. http://www.curee.co.uk/files/publication/%5Bsitetimestamp%5D/Whatisindependentlearningandwhatarethebenefits.pdf
3. https://westpoint.edu/sites/default/files/inlineimages/centers\_research/center\_for\_teching\_excellence/PDFs/mtp\_project\_papers/D eLongS\_09.pdf

**ASSESSMENT PROCEDURE – PHASE IV & V**

Attendance is mandatory in clerkships during (Theoretical courses, discussion sessions, seminars, field, clinical etc) Phase IV rotations. Should the student not complete 20% of internships within the same year without excuse, they cannot be included in the examination and they receive the NA (absent) grade. If the excuse of the student is accepted by the administrative board, they still must fulfil the time they were absent in order to take the examination. Should the department desire, the student can take the examination without fulfilling this time.

An examination is held at the end of the 4th and 5th terms. This examination is held in **theoretical** (written or oral or both written and oral) or **practical** (written or oral or both written and oral) format. The format of these exams are determined by the departments. The respective term coordinators are responsible for inspecting the exams. The theoretical and practical exams of this internship are assessed together. A theoretical exam is mandatory. The theoretical exams of respective departments belonging to students who had not attended the practical exam are not evaluated. The questions in the roatation exam are asked based on the intensity of the theoretical and practical content of the respective departments/fields. The duration and the success during the rotation is taken into account while the student is being graded grading.

**Grading Scheme and Grades:**

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| --- | --- | --- |
| **PERCENTAGE**  | **COURSE GRADE**  | **GRADE POINTS**  |
| 90-100  | AA  | 4,00  | (Excellent)  |
| 80-89  | BA  | 3,50 – 3,95  | (Excellent)  |
| 70-79  | BB  | 3,00 – 3,45  | (Very Good)  |
| 60-69  | CB  | 2,50 – 2,95  | (Very Good)  |
| 50-59  | CC  | 2,00 – 2,45  | (Good)  |
| 45-49  | DC  | 1,50 – 1,90  | (Failed)  |
| 40-44  | DD  | 1,00 – 1,40  | (Failed)  |
| 35-39  | FD  | 0,50 – 0,90  | (Failed)  |
| 0-34  | FF  | 0,00  | (Failed)  |

**EXAM RULES**

* When entering all the exams, students are required to bring their student ID cards with them to the exam room. Students are also required to bring their fee payment slips showing that they have paid their tuition fees. These are checked by the university’s security and students are not allowed to sit for their exams if they do not have their payment slips or their student ID cards.
* The goal is to conduct valid and reliable exams. The formal exams should cover the learning outcomes.
* During exams, use of electronic devices (mobiles, intelligent wrist watches etc) are prohibited.
* Cheating in the exams cannot be tolerated. If a student is caught cheating, his paper will be signed by the invigilating instructor at the end of the exam. If the case is taken to the Disciplinary Committee of the Faculty, the student automatically fails the course.
* During the examination you should not talk, look around, attempt to signal or exchange objects of any kind without permission. If you attempt to cheat you will be recorded as having failed and disciplinary action will be taken against you.
* Once a student hands his or her examination papers and leaves the hall he or she may not return to the examination hall for any reason.
* You are not allowed to leave the examination room within the first 30 and last 15 minutes of the examination.
* Even if you think there are some erroneously printed questions you may not ask the examiners on duty anything about the questions.

**TEXTBOOKS FOR FURTHER READING**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NO**  | **DEPARTMENT**  | **TEXTBOOK**  | **AUTHOR**  | **PUBLISHER**  |
| **1**  | **Medical** **Pharmacology**  | Lippincott's Illustrated Review of Pharmacology. 6th ed.,  | Harvey, Richard A.  | Wolters Kluwer Health, 2015. ISBN-13: 978-1-4698-8756-2; ISBN-10: 1-4698-8756-8  |
| Katzung's Basic & Clinical Pharmacology. 13th Edition.  | Katzung, Bertram G., Masters, Susan B., Trevor Anthony J. | McGraw Hill Companies, 2015. ISBN-13: 9780071825054 ISBN-10: 0071825053 |
| Goodman&Gilman’s The Pharmacological Basis of Therapeutics. Editors: 12th Edition.  | Brunton, Laurence, Chabner, Bruce, Knollman, Bjorn. | McGraw Hill Companies, 2011. ISBN-13: 978-0071624428 |
| **2**  | **Obstetrics and Gynecology**  | Williams Gynecology, 2016, 3rd ed. | Barbara L. Hoffman, John O. Schorge, Joseph I. Schaffer, Lisa M. Halvorson, Karen D. Bradshaw, F. Gary Cunningham | McGraw Hill Companies |
|  |  | Williams Obstetrics, 25th ed. | Gary Cunningham, Kenneth J. Leveno, Steven L. Bloom, Catherine Y. Spong, Jodi S. Dashe, Barbara L. Hoffman, Brian M. Casey, Jeanne S. Sheffield | McGraw Hill Companies |
| **3**  | **General Surgery**  | Sabiston Textbook of Surgery | Courtney Townsend R. Daniel Beauchamp B. Mark Evers Kenneth Mattox  | Elsevier, 20th edition, 2016 |
|  |  | Schwartz’s Principles of Surgery | F. Charles Brunicardi, Dana K. Andersen, Timothy R. Billiar, David L. Dunn, Lillian S. Kao, John G. Hunter, Jeffrey B. Matthews, Raphael E. Pollock | Professional Publishing, 11th edition, 2019 |
| **4**  | **Cardiology**  | Hurst’s the Heart, 14th Edition: two volume set  |  Valentine Fuster, Robert A. Harrington, Jagat Narula, Zubin J. Eapen   | McGraw-Hill Education / Medical; 14 edition (April 11, 2017) ISBN-13: 978-0071843249 ISBN-10: 0071843248   |
|  |  | Swanton’s cardiology: A concise guide to clinical pratice (6th edition)  | R. Howard Swanton, Shrilla Banerjee  | Wiley-Blackwell; 6th edition (29 Feb. 2008) ISBN-10: 1405178191 ISBN-13: 978-1405178198  |
| **5**  | **Internal Medicine**  | Harrison's Principles of Internal Medicine, 20e  | J. Larry Jameson, Anthony S. Fauci, Dennis L. Kasper, Stephen L. Hauser, Dan L. Longo, Joseph Loscalzo  | McGraw-Hill Education ISBN 978-1-259-64403-0; MHID 1-259-64403-0 |

**NEU FACULTY OF MEDICINE**

**DEPARTMENT OF INTERNAL MEDICINE**

**PHASE IV**

**INTERNAL MEDICINE CLERKSHIP**

**PROGRAMME (MED401)**

**(9 WEEKS)**

**Internal Medicine Clerkship Responsibles:**

**Assoc.Prof.Dr. Mehtap Tınazlı**

**Assist.Prof.Dr. Deniz Granit Simavi**

**WEEK 1**

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| **Monday**  | **09.30-10.20** Introduction to internal medicine clerkship **10.20-10.40**  History taking – I **10.50-1200**  Ward rounds  |  |
|  | **13.30-14.15**  History taking – II |  |
|  | **14.30-16.00**  | History taking- Practice  |  |
|  | **16.00-17.00**  | Ward rounds  |  |
|  |   |  |  |
| **Tuesday**  | **9.00-9.45** **9.55-10.40** **10.50-1200**  | General appearance I General appearance II Ward rounds  |  |
|  | **14.00-15.30**  | General appearance – Practice  |  |
|  | **15.30-17.00**  | Ward rounds  |  |
|  |  |   |  |
| **Wednesday**  | **9.00-9.45** **9.45-10.30** **10.50-12.00**  | Physical examination of the abdomen – I Physical examination of the abdomen – II Ward rounds  |  |
|  | **14.00-15.30**  | Physical examination of the abdomen –Practice  |  |
|  | **15.30-17.00**  | Ward rounds  |  |
|  |   |  |  |
| **Thursday**  | **9.00-10.30** **10.50-1200** **14.00-15.30**  | Signs and symptoms of heart diseases Ward rounds Physical examination of the extremities  |  |
|  | **15.30-17.00**  | Ward rounds  |  |
|  |  |   |  |
| **Friday**  | **9.00-9.45** **9.55-10.40** **10.50-12.00**  | Examination of the head and neck – I Examination of the head and neck – II Ward rounds  |  |
|  | **14.00-15.30**  | Examination of the head and neck - Practice  |  |
|  | **15.15-17.00**  | Ward rounds  |  |
|  |  | **WEEK 2** |  |

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| **Monday**  | **9.00-9.45** **9.55-10.30** **10.30-12.00**  |  Free time  Free time  Physical examination of the extremities – Practice  |
|  | **14.00-15.30**  | Free time  |  |
|  |  |   |  |
|  |  |   |  |
| **Tuesday**  | **9.00-10.30**  **10.40-12.00** **14.00-15.30**  | Cardiopulmonary resuscitation course  Cardiopulmonary resuscitation course Cardiopulmonary resuscitation course  |  |
|  |  |   |  |
|  |  |   |  |
| **Wednesday**  | **9.00-9.45** **9.45-12.00** **14.00-14.45**  | Cardiopulmonary resuscitation course Cardiopulmonary resuscitation course Physical examination of the heart  |  |
|  | **14.45-15.30**  | Physical examination of the heart- Practice  |  |
|  | **15.30-17.00**  | Blood pressure and pulse  |  |
|  |  |   |  |
| **Thursday**  | **9.00-9.45** **9.55-10.40** **10.50-12.00**  | Cardiopulmonary resuscitation course Cardiopulmonary resuscitation course Cardiopulmonary resuscitation course  |  |
|  |  |   |  |
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| **Friday**  | **9.00-10.30** **10.50-12.00**  | Physical examination of the chest Word rounds  |  |
|  | **14.00-15.30**  | Physical examination of the chest - Practice  |  |
|  |  | **WEEK 3** |  |
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|  |  |   |  |
| **Monday**  | **9.00-10.30** **10.40-12.10** **14.00-14.45**  | Bedside education Ward rounds Clinical electrocardiography  |  |
|  | **15.00-15.45**  | Arrhythmias –I  |  |
|  | **15.45-16.30**  | Arrhythmias –II  |  |
|  |  |  |  |
| **Tuesday**  | **9.00-10.30** **10.40-12.10** **14.00-14.45**  | Outpatient clinic Ward rounds Approach to patients with hyperkalemia and hypokalemia.  |  |
|  | **14.45-15.30**  | Approach to patient with diabetic nephropathy  |  |
|  |  |   |  |
| **Wednesday**  | **9.00-10.30** **10.40-12.10** **14.00-14.30**  | Outpatient clinic Ward rounds Rhinitis  |  |
|  | **14.30-15.15**  | Provocation tests  |  |
|  | **15.30-16.15**  | Bronchoscopy  |  |
|  |  |  |  |
| **Thursday**  | **9.00-10.30** **10.40-12.10** **14.00-14.45** **14.45-15.30**  | Bedside education Ward rounds Basic principles of cancer biologyCancer diagnosis  |  |
|  | **15.30-16.15**  | Approach to the hypertensive patient  |  |
|  | **16.15-17.00**  | Approach to the patient with hematuria and proteinuria  |  |
|  |  |  |  |
| **Friday**  | **9.00-10.30** **10.40-11.30** **14.00-14.45**  | Outpatient clinic Ward rounds Paraneoplastic syndromes and oncologic emergencies  |  |
|  | **15.00-15.45**  | Multidisciplinary management of cancer  |  |

 **WEEK 4**

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| **Monday**  | **9.00-10.30** **10.40-12.10** **14.00-14.45**  |  | Bedside education Ward rounds Signs of pulmonary disease  |  |
|  | **14.45-15.30**  |  | Pulmonary function tests  |  |
|  |  |  |  |  |
| **Tuesday**  | **9.00-10.30** **10.40-12.10** **14.00-14.45**  |  | Outpatient clinic Ward rounds Approach to the patient with polyarthritis  |  |
|  | **14.45-15.30**  |  | Approach to the patient with back pain  |  |
|  | **15.30-16.15**  |  | Approach to patient with glomerular disease  |  |
|  |  |  |  |  |
| **Wednesday**  | **9.00-10.30** **10.40-12.10** **14.00-14.45**  |  | Outpatient clinic Ward rounds Evaluation of cardiovascular risk  |  |
|  | **15.00-15.45**  |  | Lung function diffusion  |  |
|  | **15.45-16.30**  |  | Bronchial asthma  |  |
|  |  |  |  |  |
| **Thursday**  | **9.00-10.30** **10.40-12.00** **14.00-14.45**  | Bedside education Ward rounds  Approach to patient with anemia - I  |  |
|  | **14.45-15.30**  | Approach to patient with anemia - II  |  |
|  |  |   |  |
|  |  |  |  |
| **Friday**  | **9.00-10.20** **10.40-12.00**  | Outpatient clinic Ward rounds  |  |
| **14.00-14.45**  Approach to patient with thrombosis -I  |
|  | **14.45-15.30**  Approach to patient with thrombosis -II  |  |
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|  |  | **WEEK 5**  |  |
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| **Monday**  | **9.00-10.30** **10.40-11.25** **11.25-12.10** **14.00-14.45**  | Bedside education Approach to the patient with abnormal CBC - I Approach to the patient with abnormal CBC - II Skin prick test  |  |
|  | **14.45-15.30**  | COPD and emphysema  |  |
|  | **15.30-16.15**  | Other connective tissue diseases  |  |
|  | **16.15-17.00**  | Crystal arthritis  |  |
|  |  |  |  |
| **Tuesday**  | **9.00-10.30** **10.40-11.25** **11.25-12.10** **14.00-14.45**  | Outpatient clinic Transfusion medicine – I Transfusion medicine – II Approach to acid-base disorders - I  |  |
|  | **14.45-15.30**  | Approach to acid-base disorders - II  |  |
|  | **15.30-16.45**  | Spondyloarthritides  |  |
|  |  |   |  |
|  |  |  |  |
| **Wednesday**  | **9.00-10.30** **10.40-11.25** **11.25-12.10** **14.00-14.45**  | Outpatient clinic Bleeding abnormalities -I Bleeding abnormalities -II Bronchiectasis  |  |
|  | **14.45-15.30**  | Pulmonary thromboemboli  |  |
|  | **15.45-16.30**  | FMF and other periodic fever syndromes  |  |
|  |  |  |  |
| **Thursday**  | **9.00-10.30** **10.40-12.10** **14.00-14.45**  | Bedside education Principles of medical treatment of cancer Supportive care of cancer patients  |  |
|  | **15.00-15.45**  | Disorders of sodium and water homeostasis - I  |  |
|  | **15.45-16.30**  | Disorders of sodium and water homeostasis - II  |  |
|  |  |  |  |
| **Friday**  | **9.00-10.30** **10.40-12.10** **14.00-14.45** **14.45-15.30**  | Outpatient clinic Ward rounds Diagnosis and management of heart failure Hypertensive emergencies (pulmonary edema,aortic dissection)  |  |
|  | **15.30-16.15**  | Rheumatoid arthritis  |  |
|  | **16.15-17.00**  | Vasculitides- I (small vessel vasculitides)  |  |

**WEEK 6**

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| **Monday**  | **9.00-10.30** **10.40-11.25** **11.25-12.10** **14.00-14.45**  | Bedside education Metabolic bone diseases – I Metabolic bone diseases – II Paget’s disease  |  |
|  | **14.45-15.30**  | Metabolic syndrome  |  |
|  | **15.30-16.15**  | Approach to the patient with hypercalcemia  |  |
|  | **16.15-17.00**  | Approach to the patient with hypocalcemia  |  |
|  |  |  |  |
| **Tuesday**  | **9.00-10.30** **10.40-11.25** **11.25-12.10** **14.00-14.45**  | Outpatient clinic Management of diabetes mellitus – I Management of diabetes mellitus – II Endocrine system and pregnancy – I  |  |
|  | **14.45-15.30**  | Endocrine system and pregnancy – II  |  |
|  | **15.30-16.15**  |  Pituitary disorders - I  |  |
|  | **16.15-17.00**  |  Pituitary disorders - II  |  |
|  |  |  |  |
| **Wednesday**  | **9.00-10.30** **10.40-11.25** **11.25-12.10** **14.00-14.45**  | Outpatient clinic Endocrine emergencies – I Endocrine emergencies – II Approach to a patient with lipid abnormalities  |  |
|  | **14.45-15.30**  | Treatment of thyroid disorders - I  |  |
|  | **15.30-16.15**  | Treatment of thyroid disorders - II  |  |
|  |  |  |  |
| **Thursday**  | **9.00-10.30** **10.40-12.00** **14.00-14.45**  | Bedside education Ward rounds  Physıcal examınatıon /evaluatıon ın GI – Hepatology  |  |
|  | **14.45-15.30**  | Lab tests and other diagnostic methods ın Hepathology/ GI  |  |
|  |  |  |  |
| **Friday**  | **9.00-10.30** **10.40-12.10** **14.00-14.45**  | Outpatient clinic Ward rounds Approach to nausea +vomıtıng  |  |
|  | **14.45-15.30**  | Approach to dyspepsıa  |  |
|  |  | **WEEK 7**  |  |
|  |  |   |  |
| **Monday**  | **9.00-10.30** **10.40-12.00** **14.00-14.45**  |  Bedside education  Ward rounds  Cancer screening and early detection  |  |
|  | **14.45-15.30**  |  Approach to abdominal pain  |  |
|  | **15.30-16.15**  |  Approach to jaundice  |  |
|  |  |  |  |  |
| **Tuesday**  | **9.00-10.30** **10.40-12.00** **14.00-14.45**  |  | Outpatient clinic Ward rounds Vasculitis II (temporal and Takayasu’s arteritis, Behçet's disease)  |  |
|  | **14.45-15.30**  |  | Systemic lupus erythematosus  |  |
|  | **15.30-16.15**  |  | Approach to patients with acute renal failure-I  |  |
|  | **16.15-17.00**  |  | Approach to patients with acute renal failure-II  |  |
|  |  |  |   |  |
| **Wednesday**  | **9.00-10.30** **10.40-12.10** **14.00-14.45**  |  | Outpatient clinic Ward rounds Practical electrocardiography  |  |
|  | **14.45-15.30**  |  | Pericardial and myocardial diseases  |  |
|  | **15.30-16.15**  |  | Signs and symptoms of heart diseases  |  |
|  |  |  |  |  |
| **Thursday**  | **9.00-10.30** **10.40-12.00** **14.00-14.45** **14.45-15.30**  | Bedside education Ward rounds Management of cancer treatment side effects Breast cancer  |  |
|  | **14.25-15.10**  | Valvular heart diseases – I  |  |
|  | **15.20-17.00**  | Valvular heart diseases – II  |  |
|  |  |  |  |
| **Friday**  | **9.00-10.30** **10.40-12.00** **14.00-14.45**  | Outpatient clinic Ward rounds Approach to hepatosplenomegalies  |  |
|  | **14.45-15.30**  | Approach to ascites  |  |

**WEEK 8**

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| --- | --- | --- | --- |
| **Monday**  | **9.00-10.30** **10.40-12.00** **14.00-14.45**  |  Outpatient clinic Outpatient clinic Outpatient clinic |  |
|  | **14.45-15.30**  |  Outpatient clinic |  |
|  | **15.30-16.15**  |  Outpatient clinic |  |

 **9.00-10.30 O**utpatient clinic

 **10.40-12.10**  Ward rounds

**Tuesday 14.00-14.45** Approach to diarrhea

 **14.45-15.30** Approach to gastrointestinal bleeding-I

 **15.30-16.15** Approach to gastrointestinal bleeding-II

 **9.00-10.30** Outpatient clinic

 **10.40-12.10** Ward rounds

**Wednesday 14.00-14.45** Approach to nutrition and obesity

 **14.45-15.30** Bronchial asthma

 **15.30-16.15** Acute respiratory failure and blood gas analysis

 **9.00-10.30** Bedside education

 **10.40-12.10** Ward rounds

**Thursday**

 **14.00-14.45** Coronary heart diseases - I

 **14.45-15.30** Coronary heart diseases - II

 **9.00-10.30** Outpatient clinic

  **10.40-12.10** Ward rounds

**Friday 14.00-14.45** Laboratory analysis in rheumatology

 **14.45-15.30** Approach to the patient with acute monoarthritis

**WEEK 9**

#

**Monday**  Free time

[9.00-17.00](#_Toc166187)

**Tuesday**  Free time

[9.00-17.00](#_Toc166187)

 **9.00-10.30**  **Written exam**

 **10.40-12.10**

 **13.30-14.15**

**Wednesday**

 **14.25-15.10**

 **15.20-16.05**

 **16.15-17.00**

 **9.00-10.30 Practical and oral exam**

 **10.40-12.10**  **Practical and oral exam**

 **13.30-14.15**  **Practical and oral exam**

**Thursday**

 **14.25-15.10 Practical and oral exam**

 **15.20-16.05 Practical and oral exam**

 **16.15-17.00 Practical and oral exam**

 **09.00-12.10 Clerkship & Exam Evaluation Session**

 **13.30-14.15**  Free time

**Friday**

 **14.25-15.10**  Free time

 **15.20-16.05** Free time

 **16.15-17.00**  Free time

**NEU FACULTY OF MEDICINE**

**DEPARTMENT OF PEDIATRICS**

**PHASE IV**

**CLERKSHIP PROGRAMME (MED402)**

**(9 WEEKS)**

**Head of the Department :** Prof.Dr. Eray Dirik

**Pediatrics Clerkship Responsibles:**

Prof Dr Ceyhun DALKAN

Assoc Prof Dr Zeynep Cerit

**Lecturers of Department**

**Pediatric Alergy and Immunology:** Prof.Dr.Nerin Bahçeciler, Prof.Dr.Arzu Babayiğit Hocaoğlu

**Pediatric Neurology**: Prof.Dr.Eray Dirik, Assoc.Prof.Dr. Burçin Şanlıdağ

**Pediatric Endokrinology:** Prof.Dr. Rüveyde Bundak, Assoc.Prof.Dr.Neşe Akcan

**Pediatric Nephrology:** Assoc Prof Dr İlke Beyitler

**Neonatology:** Prof Dr İpek Akman, Prof.Dr.Ceyhun Dalkan

**Pediatric Cardiyology:**Prof.Dr.Selman Vefa Yıldırım, Assoc.Prof.Dr.Zeynep Cerit

**Pediatric Gastroenterology:** Assoc Prof Dr.Esra Polat

**Pediatric Genetic:** Assoc.Prof.Dr. Rasime Kalkan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Week 1** |  |  |  |  |  |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 09:00-10:00 | Wellcome to Pediatrics  | Principles of Healty Children Follow | *Vaccination* | *Respiratory system examination”* | “*Frequent problems in adolescence”* |
| 10:00-11:00 | *History taking* | *“Neonatal examination”* | *Bleeding diathesis”* | *Abdominal and anorectal examination”* | *“Dehydration and fluid-electrolyte treatment”* |
| 11:00-12:00 |  *“Physical examination”*   | Metabolic problems of Newborn | Pediatric Resuscitation |  *“Abdominal pain”* | *“Congenital hypothyroidism”* |
| 12:00-13:30 | Lunch  | Lunch | Lunch | Lunch | Lunch |
| 13:30-14:30 | Practice | Practice | Practice | Practice | Practice |
| 14.30-15.30 | *“Nutrition in infancy and school age children”* | *Neurologic examination”* | *“Acute gastroenteritis”* | *’Normal Neurological Development and Developmental Delay’’* | *Normal puberty”* |
| 15.30-17.00 | *“Fever in children”*  | *Upper respiratory tract infections”* | *“Acute and chronic renal insufficiency”* | *“Urinary system infections and VUR”* | *“Recurrent lower respiratory system infections”* |

**Week 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 9.00-10.00 | Case discussion | Case discussion | Case discussion | Case discussion | Case discussion |
| 10.00-11.00 |  *“Tuberculosis”* |  *“Immune deficiencies and diagnosis”* | Cardiac infections 1  | *“Upper gastrointestinal problems”* | Disrhytmias |
| 11:00-12:00 | “*Cystic fibrosis”*  | “*Anaphylaxis”* | Cardiac infections 2  | *“Malabsorption syndromes”* | *“Food and drug allergies”* |
| 12:00-13:30 | Lunch | Lunch | Lunch | Lunch | Lunch |
| 13:30-14:30 | Online discussion session |  Online discussion session | Online discussion session | Online discussion session | Problems of premature newborns |
| 14:30-15:30 |  Neuromuscular disease” | Introduction to pediatric Cardiology | Pedriatric Tumors | *“Hypertension”* | Problems of premature newborns |
| 15.30-16.30 | *Intrauterine infections”* | Pediatric Cardiologic Examination | *“JRA”* | Nucleer Medicine in Pediatrics-1 | Problems of premature newborns |

**Week 3**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 9.00-10.00 | Case discussion | Case discussion | Case discussion | Case discussion | Case discussion |
| 10.00-11.00  | *“Viral hepatitis”* |  *“Convulsion”* | Emergency: Respiratory Distres and Children |  *Nephrotic syndrome”* |  *Problems of* Preterm newborns |
| 11:00-12:00 |  *“Neonatal cholestasis”* | ‘’*Epilepsy”* |  *“Examatous infectious diseases”* | *“Nephritic syndrome”* | *Sepsis in newborns”* |
| 12:00-13:30 | Lunch | Lunch | Lunch | Lunch  | Lunch |
| 13:30-14:30 | Online discussion session | *Free time* | *Free time* | *Free time* | *Free time* |
| 14.30-15.30 | *An approach to Inborn Errors of Metabolism* |  | *“Vasculitis”* | *Mendelian inheritence 1* | Acute Rheumatic Fever |
| 15.30-16.30 |  *Acute bacterial meningitis”* | *Thalassemia* | *Newborn jaundice”* | *Mendelian inheritence 2* | Hearth Failure |

**Week 4**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 09:00-10:00 | Case discussion | Case discussion | Case discussion | Case discussion | Case discussion |
| 10.00-11.00 | Left to right shunt congenital hearth defects | Lymphoma | Chromosomal Diseases | Non Mendelian genetic 1 | *“ Diabetic ketoacidosis””*  |
| 11:00-12:00 | Obstructive Cardiac diseases |  *’Disorders in puberty”* | Pediatric Oncologic Emergencies | Non Mendelian genetic 2 | “*Rickets”* |
| 12:00-13:30 | Lunch | Lunch | Lunch | Lunch | Lunch |
| 13:30-14:30 | Online discussion session | Practice | Practice | Online discussion session | Approach to a newborn with respiratory distress |
| 14:30-15:30 | Lymphadenopathy | Practice | Practice | Online discussion session | Approach to a newborn with respiratory distress |

**Week 5**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 09:00-10:00 | Case discussion | Case discussion | Case discussion | Case discussion | Case discussion |
| 10:00-11:00 | Tutorial:*“Vomiting child”* | *Tutorial: “Newborn with respiratory distress”* | Practice | Practice |  *Hypoglycemia and adrenal insufficiency”* |
| 11:00-12:00 | Tutorial: *“Oedematous child”* | Practice | Practice | Practice | *“Growth failure*  |
| 12:00-13:30 | Lunch | Lunch | Lunch | Lunch | Lunch |
| 13:30-14:30 | Practice | Tutorial: *“Wheezy infant”* | Practice | Practice | *“*Tutorial: *“Short stature in a child”*  |
| 14:30-15:30 | Tutorial: *“Approach to child with altered consciousness”* | Practice | Practice | Practice |  Practice |
| 15.30-16.30 | Practice | Practice | Practice | Practice | Practice |

**Week 6**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 9.00-10.00 | *“Community acquired pneumonias”* | Case discussion | Case discussion | Case discussion | Case discussion |
| 10.00-11.00 | *Free time* | Bronchial astma | *CyanoticHeart Diseases* | *‘’Malnutrition”* |  *Online discussion session* |
| 11:00-12:00 | *Chronic liver diseases”* | *Postinfectious neurological disorders”* | “Child with anemia” | *Neonatal resuscutitaion* | *“High-risk newborn”* |
| 12:00-13:30 | Lunch | Lunch | Lunch | Lunch | Lunch |
| 13:30-14:30 | *“Acyanotic congenital heart diseases”* | Practice | Pedigri | Practice | *Diabetus Mellitus* |
| 14:30-15:30 | Practice | Practice | Practice | Practice | *“Ambiguous genitalia”* |
| 15.30-16.30 | Practice | Practice | Practice | Practice | Practice |

**Week 7**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 09:00-10:00 | Practice | Case discussion | Case discussion | Case discussion | Case discussion |
| 10.00-11:00 | Practice | *Tutorial:“Child with chronic cough”*  | Tutorial: Approach to cyanotic newborn | Practice | Practice |
| 11:00-12:00 | Practice | Practice | Practice | Practice | Practice |
| 12:00-13:30 | Lunch | Lunch | Lunch | Lunch | Lunch |
| 13:30-14:30 | Practice | Practice | Practice | Practice | Practice |
| 14:30-15:30 | Practice | Practice | Practice | Practice | Practice |
| 15.30-16.30 | Practice | Practice | Practice | Practice | Practice |

**Week 8**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 09:00-10:00 | Case discussionProf Dr Ceyhun Dalkan  | Case discussionAssoc Prof Dr. Nese Akcan |  |  | Practice |
| 10:00-11:00 | Practice | Practice | Practice | Practice | Practice |
| 11:00-12:00 | *Practice* | Practice | Practice | Practice | Practice |
| 12:00-13:30 | Lunch | Lunch | Lunch | Lunch | Lunch |
| 13:30-14:30 | Practice | Practice | Practice | Practice | Practice |
| 14:30-15:30 | Practice | Practice | Practice | Practice | Practice |
| 15.30-16.30 | Practice | Practice | Practice | Practice | Practice |

**Week 9**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 09:00-10:00 | Practice | Practice | Practice |  |  |
| 10:00-11:00 | Practice | Practice | Practice | Theoretical exam | Discussion of the exam and clerkship |
| 11:00-12:00 | Practice | Practice | Practice | Structured exam |  |
| 12:00-13:30 | Lunch | Lunch | Lunch | Lunch |  |
| 13:30-14:30 | Practice | Practice | Practice |  |  |
| 14:30-15:30 | Practice | Practice | Practice |  |  |
| 15:30-16:30 | Practice | Practice | Practice |  |  |

**NEU FACULTY OF MEDICINE**

**DEPARTMENT OF**

**GENERAL SURGERY**

**PHASE IV**

**CLERKSHIP PROGRAMME (MED403)**

**(9 WEEKS)**

|  |  |
| --- | --- |
|     |  |
| **Dean**  | **: Prof.Dr. Gamze Mocan**  |
| **Clerkship Responsible** | **: Prof.Dr. Hasan Besim** |

**SURGICAL TOPICS**

|  |  |  |
| --- | --- | --- |
|  | **Week 1**  | **Weekly Academic Education Officer**  |
| Monday | 14:00-17:00  | **GCE001** History and Principles of General Surgery **GCE024** Surgical Ethics  |
| Tuesday | 10:00-12:00  14:00-16:00   | **GCE002** Surgical Patient: History taking and Physical Examination **GC003** Surgical Anatomy of Gastrointestinal System   |
| Wednesday | 14:00-15:00 15:00-17:00  | **GCE012** Surgical site Infection **GCE025** Peritonitis and Intraabdominal Abscesses  |
| Thursday | 14:00-17:00   | **GCE055** Surgical Aprroach to Trauma, Blunt and Penetrating Abdominal Trauma **GCE040** Non-Parasiter cysts and Abscesses of the liver   |
| Friday | 14:00-15:00 15:00-17:00   | **GCE021** Evidence Based Surgery **GCE048** Surgical and OR Safety  |
|  | **Week 2** | **Weekly Academic Education Officer**  |
| Monday | 14:00-17:00   | **GC005** Surgical Aspesct of Gastrointestinal Physiology **GCE015**  Acute Abdomen  |
| Tuesday | 14:00-17:00   | **GCE016** Mechanical Bowel Obstruction   |
| Wednesday | 14:00-17:00   | **GCE004** Anterior Abdominal Wall Surgical Anatomy and **Hernias**   |
| Thursday | 14:00-17:00   | **GCE056** Enteral and Parenteral Nutrition **GCE030** Upper Gastrointestinal Bleeding   |
| Friday | 14:00-16:00  | **GCE032** Benign Thyroid Disorders    |
|  | **Week 3** | **Weekly Academic Education Officer**  |
| Monday | 14:-16:00    | **GCE042** Appendiceal Diseases  |
| Tuesday | 14:00-16:00  | GCE034 Transplantation  |

|  |  |  |
| --- | --- | --- |
| Wednesday | 14:00-17:00   | **GCE041** Inflamatuary Bowel Diseases **GCE049** Morbid Obesity and Metabolic Surgery  |
| Thursday | 4:00-16:00  | **GCE008** Hemostasis and Coagulation **GCE009** Transfusion   |
| Friday | 14:00-16:00  | **GCE043** Benign Perianal Diseases   |
|  | **Week 4** | **Weekly Academic Education Officer**  |
| Monday |  14:00-16:00  | **GCE013** Surgical Complications  |
| Tuesday | 14:00-16:30   |  **GCE006** Systemic and Metabolic Response to Injury **GCE031** Lower Gastrointestinal Bleeding   |
| Wednesday | 14:00-17:00  | **GC054** Esophageal Diseases  |
| Thursday | 10:00-12:00 14:00-17:00  | **GCE010** Fluid and Electrolyte Management of the Surgical Patient **GCE011** Acid – Base Balance and Treatment **GCE022** Shock   |
| Friday | 14:00-18:00   | **GCE014** Preoperative Evalutaion and Postoperative Care**GCE007** Wound Healing **GCE018** Burns   |
|  | **Week 5** | **Weekly Academic Education Officer**  |
| Monday | 14:00-17:00   | **GCE026** Benign Breast Diseas   |
| Tuesday | 14:00-17:00  | **GCE052** Peptic Ulcer Surgery **GCE058** Postgastrectomy and Postvagotomy Syndromes    |
| Thursday | 14:00-17:00   | **GCE057** Splenic Disorders and Surgery **GCE050** Lıver Tumors    |
| Friday | 14:00-17:00  | **GCE027** Breast Cancers - Surgical Perspective   |
|  | **Week 6** | **Weekly Academic Education Officer**  |
| Monday | 14:00-17:00  | **GCE058** Parathyroid Disordes and Treatment    |
| Tuesday | 14:00-17:00   | **GCE035** Gastric Cancer   |
| Thursday | 14:00-17:00  | **GCE046** Adrenal Gland Surgical Disorders **GCE047** MEN Syndroms  |
| Friday | 14:00-16:00  | **GCE037** Pancreatitis and Complications   |
|  | **Week 7** | **Weekly Academic Education Officer**  |
| Monday | 14:00-17:00   | **GCE038** Pancreatic and Periampullary Tumors   |
| Tuesday | 14:00-16:00   | **GCE044** Colorectal Neoplasms   |
| Wednesday | 14:00-17:00   | **GCE039** Hydatid Disease **GCE040** Non-parasiter cysts of liver  |
| Thursday | 14:00-16:00   | **GCE036** Gallbladder and Biliary Disease **GCE023** Minimally Invasive Surgery  |
| Friday | 14:00-17:00  | **GCE033** Thyroid Cancer   |
|  | **Week 8** | **Weekly Academic Education Officer**  |
| Monday | 14:00-17:00  | **GCE019** Principles of General Anesthesia**GCE020** Principles of Local and Regional Anesthesia  |
| Tuesday | 14:00-15:30 15:30-17:00  | **GCE028** Breast Cancer and GI Cancers – Cuurent Medical Oncology Concepts   |
| Wednesday | 14:00-17:00  | **GCE017** Radiology in General Surgery  |
| Thursday | 10:00-12:00   |  Practical Study   |
| Friday | 10:00-17:00  | Practical Study   |
|  | **Week 9 Date**  | **Weekly Academic Education Officer**  |
| Monday | 10:00-17:00  | Practical Study   |
| Tuesday | 10:00-17:00  | Practical Study  |
| Wednesday | 10:00-12:30  | **EXAMINATION - WRITTEN**  |
| Thursday | 10:00 -17:00  | **EXAMINATION - ORAL**  |
| Friday |  | Clerkship & Exam Evaluation Session |

* **Morning Rounds,**  09:00 everyday at the Surgical Ward ( Floor 4 West )
* **Afternoon Rounds,** 16:00 everyday at the Surgical Ward ( Floor 4 West )
* Students should check the General Surgical Patients before the visit
* The time-table for the lessons and arrounds may be changed according to the elective and emergency surgical cases

**SEMINAR LIST ( the number of subjects may be increased /decreased according to number of students in the group)**

|  |  |
| --- | --- |
| **Date/Hour** **10:00-11:00**  |  |
|   | Body fluids  |
|   | Fluid and electrolyte therapy  |
|   | Biology of hemostasis  |
|   | Factor deficiencies  |
|   | Transfusison  |
|   | Septic shock and SIRS  |
|   | Prevention and treatment of surgical infections  |
|   | Chronic wounds  |
|   | Tumor markers  |
|   | Cell cycle and apoptosis  |
|   | Benign skin tumors  |
|   | Diverticular bowel diseaes  |
|   | Short bowel syndrome  |
|   | Pylonidal disease  |
|   | Carcinogenes  |
|   | Oncogenes  |
|   | Systematic breast examination  |
|   | Sterile scrubbing technique  |
|   | Surgical instruments and suture materials  |
|   | Cancer screening  |
|   | Segmental anatomy of liver and function tests  |
|   | Venous thromboembolism  |
|   | Chronic venous insufficiancy  |
|   | Mesenteric ischemia  |
|   | Intestinal fistulas  |
|   | Abdominal aortic aneurism  |
|   | Lower extremity arterial occlusive  |
|  | disease  |
|   | Nonaterosclerotic disorders of blood vessels  |
|   | Skin infections  |
|   | Surgical considerations in the elderly  |
|   | Prognostic markers in differantiated thyroid Ca   |

* Reference book: Schwartz’s Principles of Surgery
* Attendance is mandatory
* Students are responsible from seminars for examination

**NEU FACULTY OF MEDICINE**

**DEPARTMENT OF**

**OBSTETRICS AND GYNAECOLOGY**

**PHASE IV**

**CLERKSHIP PROGRAMME (MED404)**

**(9 WEEKS)**

**Dean: Prof.Dr. Gamze Mocan**

**Phase IV Coordinator: Assist.Prof.Dr. Burcu Özbakır**

**OB&GYN Clerkship Responsible: Assoc.Prof.Dr. Özlen Emekçi Özay**

**Obstetrics and Gynaecology Clerkship**

The Clerkship of Obstetrics and Gynaecology is composed of rotations in Inpatient Clinic, Delivery Ward and Outpatient Clinic. At the end of all these rotations, you will learn to evaluate a female patient from an Obstetrics and Gynaecological point of view. Meanwhile, you will find the opportunity to observe all, and even experience some, of the Obstetrical and Gynaecological interventions either in outpatient clinics or in inpatient clinic.

You will gain here the first of your personal Obstetrics and Gynaecology experience at the very beginning of your medical practice by reading related textbooks, by attending lectures, grand rounds, and seminars and by delivery ward and operating room observations and practice.

The main theoretical and practical key points to be learned are listed in the program. You will learn the diagnostic approach to and medical management of patients by obtaining anamnesis, by performing physical and pelvic examination, by evaluating patient files and reading about the subject and by consulting to the academic staff or postgraduates.

**Physical Infrastructure of the Department**

The Department of Obstetrics and Gynaecology is in the 3th floor of the University Hospital

3th floor- Outpatient Clinic: Academic staff offices, Outpatient Clinic examination rooms, Ultrasonography Unit, Delivery Rooms, Neonatal Intensive Care Unit

3th floor- Inpatient Clinic: Obstetrics and

Gynaecology wards 2nd floor: Main Operation Theatre, IVF Centre

**Clerkship Program**

Phase IV 9 weeks Clerkship of Obstetrics and Gynaecology is composed of **120** hours of

Theoretical & **20** hours of Simulation & Hands on Training Sessions as well as Bedside Training Sessions, Problem Based Learning Sessions, Outpatient Clinic Studies, and Operation Theatre Studies.

Bedside Training Sessions are held at the Inpatient Clinic between 08:30-17:00. Theoretical Lectures are held between 09:00-15:00.

Outpatient Clinic Studies are held at the Obstetrics and Gynaecology Wards and at Outpatient Clinic by the participation of Academic staff between 09:00-17:00.

The students are grouped and each group undergoes a rotation program including Outpatient Clinic, Obstetric Ward, Gynaecology Ward and Delivery Ward during the clerkship.

In this rotational education, the pretold theoretical information is reemphasized upon patient samples and reinforced by practical applications. Each of the Academic Staff deals with an approximately equal number of students and educates them in terms of Problem Based Approach, Simulation and Hands on Training Sessions, Practical Studies, and Operation Theatre Applications etc.

Attendance of at least 75% for Theoretical Sessions and and at least 80% for Simulation & Hands on Training Sessions are expected for all of the students, to be able to attend the written and oral exams at the end of the clerkship. At the end of the clerkship program, the final mark of every student is determined by a special combination of the marks they obtain from the written multiple choice examination, from the oral examination administered by the academic staff and from their practical studies.

A representative student is elected from the group. This representative is responsible from daily student checklist follow up, interrelation of academic staff with students and he/she informs the chairman of the department if needed. Similarly, academic staff student groups elect their subgroup representative to provide communication of the subgroup with the academic staff member.

**Rotation Chart (may be changed according to number of groups)**

|  |  |  |  |
| --- | --- | --- | --- |
| Week  | Polyclinics  | Maternity Service + Delivery Unit  | Operating Theatre  |
| 1st Week  | Adaptation  | Adaptation  | Adaptation  |
| 2nd Week  | Group 1  | Group 2  | Group 3  |
| 3rd Week  | Group 4  | Group 5  | Group 6  |
| 4th Week  | Group 2  | Group 3  | Group 1  |
| 5th Week  | Group 5  | Group 6  | Group 4  |
| 6th Week  | Group 3  | Group 1  | Group 2  |
| 7th Week  | Group 6  | Group 4  | Group 5  |
| 8th Week  | All Groups  | All Groups  | All Groups  |
| 9th week  | Free time  | Free time  | Free time  |

**Week 1**

|  |  |
| --- | --- |
| **Day and Hours**  | **Subject**  |

**Monday**

|  |  |
| --- | --- |
| 09:00-09:50  | Free Time  |
| 10:00-10:50  | Introduction to Obstetrics & Gynecology Rotation  |
| 11:00-11:50  | History Taking and Physical Examination in Obstetrics  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Normal Labor and Delivery – I  |
| 14:00-14:50  | Normal Labor and Delivery – II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Tuesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Complications of Delivery & Dystocia – I  |
| 10:00-10:50  | Complications of Delivery & Dystocia – II  |
| 11:00-11:50  | Gynaecological Anatomy  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Physiology of Pregnancy (Maternal) – I  |
| 14:00-14:50  | Physiology of Pregnancy (Maternal) – II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Wednesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | History Taking and Physical Examination in Gynecology  |
| 10:00-10:50  | Ectopic Pregnancy – I  |
| 11:00-11:50  | Ectopic Pregnancy – II  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Medical Ethics in OB/GYN – I  |
| 14:00-14:50  | Medical Ethics in OB/GYN – II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Thursday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Postpartum Hemorrhage – I  |
| 11:00-11:50  | Postpartum Hemorrhage – II  |

Lunch Time

|  |  |
| --- | --- |
| 14:00-14:50  | Operative Vaginal Delivery  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Friday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | IVA  |
| 10:00-10:50  | IVA  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Physiology of Menstrual Cycle – I  |
| 14:00-14:50  | Physiology of Menstrual Cycle – II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Monday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Third Trimester Bleeding – I  |
| 10:00-10:50  | Third Trimester Bleeding – II  |
| 11:00-11:50  | Placenta Adherence Abnormalities  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Breech Delivery – I  |
| 14:00-14:50  | Breech Delivery – II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Tuesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Amenorrhea – I  |
| 11:00-11:50  | Amenorrhea – II  |

Lunch Time

|  |  |
| --- | --- |
| 14:00-14:50  | Puerperium & Puerperal Complications  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

|  |  |
| --- | --- |
| **Day and Hours**  | **Subject**  |

**Wednesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Fetal Physiology  |
| 10:00-10:50  | Fetal Well Being Assessment  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Teratology  |
| 14:00-14:50  | Diabetes in Pregnancy  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Thursday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Antenatal Care  |
| 11:00-11:50  | Cesarean Delivery  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Genetic Causes of Intertility-I  |
| 14:00-14:50  | Genetic Causes of Intertility-II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Friday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Obstetric Emergencies  |
| 10:00-10:50  | Evaluation of Infertile Couple – I  |
| 11:00-11:50  | Evaluation of Infertile Couple – II  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Formation & Congenital Malformations of the Female Genital Tract - I  |
| 14:00-14:50  | Formation & Congenital Malformations of the Female Genital Tract - II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Monday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Prenatal Screening Tests  |
| 10:00-10:50  | Prenatal Diagnosis  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Preconceptional Care  |
| 14:00-14:50  | Endocrinology of Pregnancy  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Tuesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Hypertension in Pregnancy – I  |
| 10:00-10:50  | Hypertension in Pregnancy – II  |
| 11:00-11:50  | Amniotic Fluid Abnormalities  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Premenstrual Syndrome  |
| 14:00-14:50  | Gynecological Emergencies  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

|  |  |
| --- | --- |
| **Day and Hours**  | **Subject**  |

**Wednesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Preterm Labor - I  |
| 10:00-10:50  | Preterm Labor - II  |
| 11:00-11:50  | Preterm Rupture of Membrane  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Alloimmunization – I  |
| 14:00-14:50  | Alloimmunization – II  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Thursday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Anovulation  |
| 10:00-10:50  | Polycystic Ovarian Syndrome  |
| 11:00-11:50  | Hyperandrogenism  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Stillbirths and Fetal Deaths  |
| 14:00-14:50  | Postterm Pregnancy  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Friday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Benign Diseases of Uterus  |
| 10:00-10:50  | Surgeries for Benign Gynecologic Disorders  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Well Woman Care – I  |
| 14:00-14:50  | Well Woman Care - II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Monday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Endometriosis – I  |
| 10:00-10:50  | Endometriosis – II  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 14:00-14:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Tuesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Gestational Trophoblastic Diseases - I  |
| 10:00-10:50  | Gestational Trophoblastic Diseases - II  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

 Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 14:00-14:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

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| --- | --- |
| **Day and Hours**  | **Subject**  |

**Wednesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Radiological Tecniques in Obstetrics and Gynecological Diagnosis  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Multiple Pregnancy - I  |
| 14:00-14:50  | Multiple Pregnancy - II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Thursday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Preoperative and Postoperative Care & Complications - I  |
| 11:00-11:50  | Preoperative and Postoperative Care & Complications - II  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 14:00-14:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Friday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Abortions and Recurrent Miscarriage - I  |
| 11:00-11:50  | Abortions and Recurrent Miscarriage - II  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Approach to Sexual Assault - I  |
| 14:00-14:50  | Approach to Sexual Assault - II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Monday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Management of Infertility & Assisted Reproductive Technologies - I  |
| 10:00-10:50  | Management of Infertility & Assisted Reproductive Technologies - II  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Uterine Premalignant Lesions  |
| 14:00-14:50  | Cervical Premalignant Lesions  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Tuesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Morphology in Gynecological Cytology - I  |
| 11:00-11:50  | Morphology in Gynecological Cytology - II  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Benign Diseases of Vulva & Vagina  |
| 14:00-14:50  | Perinatal Infections  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

|  |  |
| --- | --- |
| **Day and Hours**  | **Subject**  |

**Wednesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Diagnostic Methods in Gynecological Cytology - I  |
| 11:00-11:50  | Diagnostic Methods in Gynecological Cytology - II  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Thursday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Clinical Cytology in Gynecology - I  |
| 11:00-11:50  | Clinical Cytology in Gynecology - II  |

Lunch Time

|  |  |
| --- | --- |
| 13:00-13:50  | Pelvic Anatomy & Pelvic Organ Prolapse  |
| 14:00-14:50  | Pediatric Gynecology  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Friday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Fresh vs.Frozen Embryo Transfer  |
| 10:00-10:50  | Fresh vs.Frozen Embryo Transfer  |
| 11:00-11:50  | Fresh vs. Embryo Transfer  |

Lunch Time

|  |  |
| --- | --- |
| 14:00-14:50  | Female Sexual Functions & Dysfunctions  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Monday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Vulvar/Vaginal Malignancies  |
| 10:00-10:50  | Adjuvant Treatments in Gynecological Cancers  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Lunch Time**

|  |  |
| --- | --- |
| 13:00-13:50  | Pregnancy and Medical Systemic Diseases - I  |
| 14:00-14;50  | Pregnancy and Medical Systemic Diseases - II  |
| 15:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Tuesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Chronic Pelvic Pain & Dysmenorrhea  |
| 10:00-10:50  | Evaluation of Pelvic Masses  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

|  |  |
| --- | --- |
| **Day and Hours**  | **Subject**  |

**Wednesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Uterine Malignencies  |
| 11:00-11:50  | Uterine Malignencies  |

**Lunch Time**

|  |  |
| --- | --- |
| 13:00-13:50  | Intrauterine Growth Restriction - I  |
| 14:00-14:50  | Intrauterine Growth Restriction - II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Thursday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Family Planning, Contraception, and Sterilization - I  |
| 11:00-11:50  | Family Planning, Contraception, and Sterilization - II  |

**Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Obstetric Anesthesia and Analgesia  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Friday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Menopause, Osteoporosis and HRT Modalities - I  |
| 10:00-10:50  | Menopause, Osteoporosis and HRT Modalities - II  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Lunch Time**

|  |  |
| --- | --- |
| 13:00-13:50  | Lower Genital Tract Infections  |
| 14:00-15:50  | Upper Genital Tract Infections  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Monday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Minimal Invasive Surgeries & Robotic Surgery  |
| 11:00-11:50  | Minimal Invasive Surgeries & Robotic Surgery  |

**Lunch Time**

|  |  |
| --- | --- |
| 13:00-13:50  | Cervical Cancer – I  |
| 14:00-14:50  | Cervical Cancer – II  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Tuesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Puberty and Pubertal Disorders – I  |
| 10:00-10:50  | Puberty and Pubertal Disorders – II  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Pregnancy and Surgical Diseases  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

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| --- | --- |
| **Day and Hours**  | **Subject**  |

**Wednesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Gynecologic Cytology Laboratory (Hands on training)  |
| 10:00-10:50  | Gynecologic Cytology Laboratory (Hands on training)  |
| 11:00-11:50  | Gynecologic Cytology Laboratory (Hands on training)  |

**Lunch Time**

|  |  |
| --- | --- |
| 13:00-13:50  | Gynecologic Cytology Laboratory (Hands on training)  |
| 14:00-14:50  | Gynecologic Cytology Laboratory (Hands on training)  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Thursday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and War Study  |
| 09:00-09:50  | Ovarian Cancer-I  |
| 10:00-10:50  | Ovarian Cancer - II  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Friday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Urinary Incontinence  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Monday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Delivery (Hands on training)  |
| 10:00-10:50  | Delivery (Hands on training)  |
| 11:00-11:50  | Delivery (Hands on training)  |

**Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Delivery (Hands on training)  |
| 15:00-15:50  | Delivery (Hands on training)  |
| 16:00-16:50  | Delivery (Hands on training)  |

**Tuesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Gynecological examination (Hands on training)  |
| 10:00-10:50  | Gynecological examination (Hands on training)  |
| 11:00-11:50  | Gynecological examination (Hands on training)  |

**Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Gynecological examination (Hands on training)  |
| 15:00-15:50  | Gynecological examination (Hands on training)  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Wednesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | NST & CST Evaluation (Hands on training)  |
| 10:00-10:50  | NST & CST Evaluation (Hands on training)  |
| 11:00-11:50  | NST & CST Evaluation (Hands on training)  |

|  |  |
| --- | --- |
| **Day and Hours**  | **Subject**  |

**Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | NST & CST Evaluation (Hands on training)  |
| 15:00-15:50  | NST & CST Evaluation (Hands on training)  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Thursday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Friday**

|  |  |
| --- | --- |
| 08:30-08:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 09:00-09:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 10:00-10:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 11:00-11:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 15:00-15:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |
| 16:00-16:50  | Outpatient Clinic, Inpatient Clinic and Ward Study  |

**Week 9**

|  |  |
| --- | --- |
| **Day and Hours**  | **Subject**  |

**Monday**

|  |  |
| --- | --- |
| 09:00-09:50  | Free Time  |
| 10:00-10:50  | Free Time  |
| 11:00-11:50  | Free Time  |

 **Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Free Time  |
| 15:00-15:50  | Free Time  |
| 16:00-16:50  | Free Time  |

**Tuesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Free Time  |
| 09:00-09:50  | Free Time  |
| 10:00-10:50  | Free Time  |
| 11:00-11:50  | Free Time  |

 **Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Free Time  |
| 15:00-15:50  | Free Time  |
| 16:00-16:50  | Free Time  |

**Wednesday**

|  |  |
| --- | --- |
| 08:30-08:50  | Free Time  |
| 09:00-09:50  | Written Exam |
| 10:00-10:50  | Free Time  |
| 11:00-11:50  | Free Time  |

 **Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Free Time  |
| 15:00-15:50  | Free Time  |
| 16:00-16:50  | Free Time  |

 **Thursday**

|  |  |
| --- | --- |
| 08:30-08:50  | Free Time  |
| 09:00-09:50  | Oral Exam  |
| 10:00-10:50  | Oral Exam  |
| 11:00-11:50  | Oral Exam  |

 **Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Oral Exam  |
| 15:00-15:50  | Oral Exam  |
| 16:00-16:50  | Oral Exam  |

**Friday**

|  |  |
| --- | --- |
| 08:30-08:50  | Free Time  |
| 09:00-09:50  | Clerkship & Exam Evaluation Session  |
| 10:00-10:50  | Clerkship & Exam Evaluation Session |
| 11:00-11:50  | Free Time  |

 **Lunch Time**

|  |  |
| --- | --- |
| 14:00-14:50  | Free Time  |
| 15:00-15:50  | Free Time  |
| 16:00-16:50  | Free Time  |

**NEAR EAST UNIVERSITY FACULTY OF MEDICINE**

**CLINICAL PHARMACOLOGY**

**CLERKSHIP PROGRAM (MED405)**

**(1 WEEK)**

**CLINICAL PHARMACOLOGY CLERKSHIP AIMS & LEARNING OBJECTIVES**

**AIMS**

The students are required to prepare a homework with their handwriting, which should include a complete pharmacologic description of a generic drug of which the student intends to use during his/her medical practice after he/she completes the medical school or the intended speciality program. (Each item 10 points).

Drug: .............................

1. Pharmacologic group:
2. Other drugs related to the major compound:
3. Basic mechanism of action:
4. Pharmacokinetic properties:
5. Clinical indications and usage, including dosage:
6. Important side effects:
7. Toxicity, and precautions, treatment of toxicity:
8. Contraindications:
9. Pharmaceutical form, proprietary name(s):
10. Price:

**LEARNING OBJECTIVES**

This homework is expected to prepare the students to gather scientific information from reliable sources such as classic textbooks and treatment guidelines about the pharmacological properties of a selected drug.

Students are also expected to learn to prepare 2 correct and formal prescriptions which should include the superscription, inscription, subscription, signa, the name of the prescriber and other necessary items in written within the confines of a form.

Another aspect of the clerkship consists of preparation of a PPT presentation related to a clinical study of a selected drug or a drug group which should be prepared by a group of selected students and which has to be presented to the whole classroom in a separate session.

**CLINICAL PHARMACOLOGY**

**CLERKSHIP PROGRAM**

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|  | **DAY 1**  |
| **13.00 - 13.30**  | **ALL THE STUDENTS**  - Introduction of the clerkship program: principles of the training and assessment.  |
| **14.00 – 14.50**  | **ALL THE STUDENTS** Rational Pharmacotherapy & prescription writing practice-I  |
| **15.00 – 15.50**  | **ALL THE STUDENTS** Rational Pharmacotherapy & prescription writing practice -II  |

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|  | **DAYS 2-5**  |
| **09.00 – 16.00**  | **ALL THE STUDENTS** Homework: Preparation and submission  |

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| **DAY 4**  |
| **09.00 – 12.00**  | **ALL THE STUDENTS** Homework: presentations of selected articles (10 minutes for each group)  |

**STUDENT COUNSELLING**

Student counselling aims to help students to cope up with their problems to reach their immediate or long-range personal, academic and professional goals.

The counseller will guide the student on issues leading to success, help the student for a better self-actualization and to develop a plan to overcome the difficulties he/she faces in his/her educational and social life at the Faculty.

Student counsellers will be appointed by the Dean and the lists will be announced to the academicians at the beginning of every educational year.

The student should make an appointment with the counseler who will fill the “NEU Student Counselling Form” and keep it for follow-up. This form will contain the contact information of the student and his/her parents, the date of the meeting and the issues addressed. The counseller will guide the student for orientation in the university, faculty and social facilities, regulations and ethical issues as well.

The counsellers are expected to meet the counselees at least twice a year.

The general format of the student counselling form is as following:

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| **Near East University Faculty of Medicine Student Counselling Form**  |
|  **Student Name:**  |  **Student No:**  |
|  **Phase:**  |  **Date of Birth (DD/MM/YY):** / /  |
|  **Term Address:**  |  **Home/Permanent Address** (if different from term address):  |
| **Mobile Phone No:**  |
|  **Family Details** (Name, Address, Phone No.)**:**  |
|  **Details of person to contact in case of emergency** (Name, Address, Phone No)  |
| **Date of Counselling**  |   |
| **Supervisor’s Name**  |   |
| **DETAILS** Please detail below the main points of concern with the student’s performance, work habits, behaviour etc.: .............................................................................................................................    |

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