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| **C:\Users\Namariel\Downloads\TıpF (1)\TıpF\TıpF-2.png****MARMARA UNIVERSITY SCHOOL of MEDICINE** |
| **26.jpg**GROWTH, DEVELOPMENT, MENTAL HEALTH AND RELATED DISORDERS YEAR 3 COURSE 4March 06– April 14, 2023 |
| **Coordinator of the Course 3.4**Lect. Zehra Nur TURGAN AŞIK | **Coordinator of the Module 3.4**Prof. Pemra CÖBEK ÜNALAN  |
| **Year 3 Coordinators** Prof. Arzu İLKİ & Prof. Pınar MEGA TİBER |
| **Module Coordinator**Prof. Rezzan GÜLHANAssist. Prof. Sinem YILDIZ İNANICI | **Introduction to Clinical Practice (ICP) Coordinators**Prof. Pemra CÖBEK ÜNALANProf. Serap ÇİFÇİLİ |
|  **Coordinator of Multidisciplinary Students’ Lab**.Prof. Betül YILMAZ | **Coordinator of Clinical Skills Lab.**Prof. Çiğdem APAYDIN KAYA |
|  **Coordinator of Assessment Unite**Assist. Prof. Cevdet NACAR | **Coordinator of Student Exchange Programs**Assist. Prof. Can ERZİK |
| **Vice-Chief Coordinators** |
| **Program**Prof. Oya ORUN | **Assessment** Prof. Hasan Raci YANANLI  | **Students’ Affairs**Assist. Prof. Can ERZİK  |
| **Chief Coordinator (Pre-Clinical Education)** Prof. Serap ŞİRVANCI | **Coordinator of Medical Education Program Evaluation and Development Commission**Prof. Harika ALPAY |
| **Vice Dean (Education)**Prof. Ahmet Altuğ ÇİNÇİNProf. Hasan Raci YANANLI | **Dean** Prof. Ümit Süleyman ŞEHİRLİ  |

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| MU MEDICAL SCHOOL PRE-CLINICAL EDUCATION PROGRAM |
| LEARNING OUTCOMES / COMPETENCIES1. Clinical Care: Qualified patient care and community oriented health care
2. Basic clinical skills
3. The organization and management of the patient and the patient care
4. The organization and the management of health care delivery services / system
5. Health promotion and disease prevention
6. Medical Knowledge and Evidence-Based Medicine
7. Appropriate information retrieval and management skills
8. The integration of knowledge, critical thinking and evidence-based decision making
9. Scientific methods and basic research skills
10. Professional Attitudes and Values
11. Communication skills and effective communication with patients / patient relatives
12. Interpersonal relationships and team working
13. Ethical and professional values, responsibilities
14. Individual, social and cultural values and responsibilities
15. Reflective practice and continuing development
16. Healthcare delivery systems, management and community oriented health care
17. Education and counseling
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| PHASE-1 LEARNING OBJECTIVES1. Understanding the normal structures and functions of human body
2. Correlating the basic concepts and principles to each other that define health and disease; applying basic concepts and principles to health and disease conditions
3. Developing clinical problem solving, clinical reasoning and evaluation skills by integrating biomedical, clinical, social and humanities knowledge
4. Gaining basic clinical skills by applications in simulated settings.
5. Awareness of the professional values in health and disease processes (professional, individual, societal) and acquisition necessary related skills
6. Evaluating critically and synthesizing all the medical evidence and perform respecting scientific, professional and ethical values
7. Acquisition skills in reflective thinking and practicing, being open to continuous individual / professional development.
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| PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMSYear 1, Course 1: Introduction to Cell and Cellular ReplicationYear 1, Course 2: Cellular Metabolism and TransportYear 1, Course 3: Development and Organization of Human BodyYear 1, Course 4: Introduction to Nervous System and Human BehaviorYear 2, Course 1: Cell and Tissue Injury I Year 2, Course 2: Cell and Tissue Injury IIYear 2, Course 3: Hematopoietic System and Related DisordersYear 2, Course 4: Musculoskeletal, Integumentary Systems and Related DisordersYear 2, Course 5: Respiratory System and Related DisordersYear 3, Course 1: Cardiovascular System and Related DisordersYear 3, Course 2: Gastrointestinal System, Metabolism and Related DisordersYear 3, Course 3: Nervous System and Related DisordersYear 3, Course : Growth, Development, Mental Health and Related DisordersYear 3, Course 5: Urinary and Reproductive System and Related Disorders |

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| GROWTH, DEVELOPMENT, MENTAL HEALTH AND RELATED DISORDERS |
| AIM and LEARNING OBJECTIVES of COURSE **Aim:** At the end of this committee, third year students will gain knowledge about the structure, functions and the pathogenesis of the disorders related to endocrine system. During this committee students will gain a comprehensive view on the health problems of the certain periods of human life cycle such as childhood, adolescents and elderly with a specific emphasis on the growth, development and mental health. They will also gain knowledge about the signs and symptoms of endocrine disorders, psychiatric disorders, related risk factors, prevention, diagnosis and principles of treatment.**Learning Objectives:** At the end of this committee, third year students will * review the development, histology and structure of the endocrine system,
* understand the principles of endocrine homeostasis and hormone action, define the pathologic processes in endocrine and mental disorders,
* get knowledge about growth, development and monitoring in childhood,
* gain knowledge about the risk factors and preventive measures related to endocrine and mental disorders,
* gain knowledge about the major signs and symptoms of endocrine and mental disorders, explain the main determinants of health,
* explain the importance and the effects of social, environmental and life style factors on
* mental and physical health,
* gain knowledge about the approach to diagnosis and principles of treatment in endocrine and mental disorders.
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| **ASSESSMENT SYSTEM**Module examination: Written exam at the end of module (10 % of final score)Practical examination: Practical exams at the end of courseCourse examination: Written exam at the end of course |  **PROGRAM EVALUATION** Evaluation at the end of the course, is done both orally and by using structured evaluation forms |
| DEPARTMENTS PARTICIPATING IN COURSE-3.4 & MODULE-3.4 |
| * Anatomy
* Biochemistry
* Child and Adolescent Psychiatry
* Child Health & Diseases
* Family Medicine
* Histology and Embryology
* Internal Medicine
* Nutrition and Dietetics
* Pathology
* Pediatrics
 | * Pharmacology
* Physiology
* Psychiatry
* Medical Education
* Medical Genetics
* Nuclear Medicine
* Public Health
* Radiology
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| LECTURERS / TUTORS |
| Rengin Asiye AHISKALI, Professor of PathologyDilek AKAKIN, Professor of HistologyYıldız AKVARDAR, Professor of PsychiatryÇiğdem APAYDIN KAYA, Professor of Family MedicineAhmet ARMAN, Professor of Medical GeneticsNadiye Pınar AY, Professor of Public HealthAliye Tuğba BAHADIR, Assist. Professor of Child and Adolescent PsychiatryAbdullah BEREKET, Professor of Child Health & DiseasesSüheyla BOZKURT, Professor of PathologyNecati Serkut BULUT , Assist. Professor of PsychiatryZeliha Leyla CİNEL, Professor of PathologySaliha Serap ÇİFÇİLİ, Professor of Family MedicineHuriye Nursel ELÇİOĞLU, Professor of PediatricsBilgen Bilge GEÇKİNLİ, Assoc. Professor of Medical GeneticsDilek GOGAS YAVUZ, Professor of Internal MedicineZafer GÖREN, Professor of PharmacologyHülya GÖZÜ, Professor of Internal MedicineRezzan GÜLHAN, Professor of PharmacologyÜmmügülsüm GÜNDOĞDU, Assist. Professor of Child and Adolescent PsychiatryAhmet İlter GÜNEY, Professor of Medical GeneticsGoncagül HAKLAR, Professor of BiochemistrySeyhan HIDIROĞLU, Professor of Public HealthAyşe SAKALLI KANİ, Assist. Professor of PsychiatryMert KAŞKAL, Lecturer of Pharmacology | Özlem Tuğçe KAYA, Assoc. Professor of HistologyTugba KARAMAHMUTOĞLU, Assist. Professor of PharmacologyHızır KURTEL, Professor of PhysiologyNimet Emel LÜLECİ, Professor of Public HealthAyşe Nilüfer ÖZAYDIN, Professor of Public HealthNecmettin Ömer ÖZDOĞMUŞ, Professor of AnatomySalih ÖZGÜVEN, Assist. Professor of Nuclear MedicineNeşe PERDAHLI FİŞ, Professor of Child and Adolescent PsychiatryAyşe RODOPMAN ARMAN, Professor of Child and Adolescent PsychiatryDilşad SAVE, Professor of Public HealthMustafa Kemal SAYAR, Professor of PsychiatryMehmet Ali SÖYLEMEZ, Instructor in Medical GeneticsErdi SÖZEN, Assist. Professor of BiochemistryÖnder ŞİRİKÇİ, Professor of BiochemistryÖzlem ÜSTAY, Assoc. Professor of Internal MedicineZehra Nur TURGAN AŞIK, Lecturer in PharmacologyHasan Raci YANANLI, Professor of PharmacologyÖmer YANARTAŞ, Lecturer in PsychiatryÖzge YAPICI, Assist. Professor of RadiologyBerrak YEGEN, Professor of Physiology Alper YILDIRIM, Assoc. Professor of PhysiologyMesut YILDIZ, Assoc. Professor of PsychiatryBetül YILMAZ, Professor of BiochemistryNeşe YORGUNER, Assoc. Professor of Psychiatry |
| READING / STUDYING MATERIALS* Williams Textbook of Endocrinology. 10th ed./P.Reed Larsen. et al.
* Joslin's Diabetes Mellitus. 14th ed./ Edited by C. Ronald Kahn et al.
* Kaplan & Sadock's Comprehensive Textbook of Psychiatry. Editors, Benjamin J.,Sadock, Virginia A. Sadock.
* Nelson Textbook of Pediatrics.17th ed./Richard E. Behrman, Robert M. Kliegman, Hal B. Jenson.
* Basic Pathology. Vinay Kumar, Ramzi S. Cotran, Stanley L. Robbins.
* Color Textbook of Histology. Leslie P. Gartner, James L. Hiatt
* Histology and Cell Biology: An Introduction to Pathology. Abraham L.Kierszenbaum
* Basic & Clinical Pharmacology. [Bertram G. Katzung; Susan B.](http://libproxy.tulane.edu:2048/login?url=http://accessmedicine.mhmedical.com/book.aspx?bookid=388)Masters, Antony Trevor
* Goodman & Gilman's The Pharmacological Basis of Therapeutics – L. S. Goodman; L. L. Brunton; B. Chabner; B. Knollman
* Clinical Anatomy for Medical Students. Richard S. Snell
* Textbook of Medical Physiology. Arthur C. Guyton, John E. Hall
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| SUMMARY OF THE COURSE  |
| **Discipline** | **Lecture & Group Discussion** | **Multidisciplinary Lab. & Clinical Skills Lab. Practice** | Total |
| Anatomy | 1 | 1 | 2 |
| Biochemistry | 12 |  | 12 |
| Child and Adolescent Psychiatry | 5 |  | 5 |
| Family Medicine | 4 |  | 4 |
| Histology and Embryology | 4 | 2 | 6 |
| Internal Medicine | 17 |  | 17 |
| Medical Genetics | 4 |  | 4 |
| Nuclear Medicine | 1 |  | 1 |
| Pathology | 6 | 1 | 7 |
| Pediatrics | 10 |  | 10 |
| Pharmacology | 13 |  | 13 |
| Physiology | 12 |  | 12 |
| Psychiatry | 20 |  | 20 |
| Public Health | 12 |  | 12 |
| Radiology | 1 |  | 1 |
| Subtotal | 122 | 4 | 126 |
| PBL Module | 10 |  | 10 |
| TOTAL | 132 | 4 | 136 |
| ICP-3: Basic Medical Practices, Clinical Skills Lab.,(Students’ Research Activity) | 12 | 12 | 24 |
| **TOTAL** | **144** | **16** | **160** |

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| **SEVEN WEEK PROGRAM** |
|  | **THEORETICAL AND PRACTICAL SESSIONS** | **LECTURER(S)/TUTOR(S)** |
| **Week-1 (06 March - 10 March 2023)** |
| **Monday** | **06 March** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Introduction to the course | Dr. Zehra Nur Turgan |
| 10:40-11:30 | Thyroid and parathyroid glands | Dr. Necmettin Ömer Özdoğmuş |
| 11:40-12:30 | Thyroid and parathyroids | Dr. Dilek Akakın |
|  |  |  |
| 13:40-14:30 | Thyroid function | Dr. Hızır Kurtel |
| 14:40-15:30 | Thyroid function | Dr. Hızır Kurtel |
| 15:40-16:30 | PBL-3 (Y3C3 Committee) |  |
| 16:40-17:30 | PBL-3 (Y3C3 Committee) |  |
| 17:40-18:30 |  |  |
|  |  |  |
| **Tuesday** | **07 March** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Development of endocrine organs | Dr. Dilek Akakın |
| 10:40-11:30 | Skeletal muscle and adipose tissue as endocrine organs | Dr. Hızır Kurtel |
| 11:40-12:30 | Clinical neurodevelopment  | Dr. Neşe Perdahlı Fiş |
|  |  |  |
| 13:40-14:30 | Biosynthesis and metabolism of thyroid hormones | Dr. Goncagül Haklar |
| 14:40-15:30 | Biosynthesis and metabolism of thyroid hormones | Dr. Goncagül Haklar |
| 15:40-16:30 | Pathology of thyroid and parathyroid diseases | Dr. Zeliha Leyla Cinel |
| 16:40-17:30 | Pathology of thyroid and parathyroid diseases | Dr. Zeliha Leyla Cinel |
| 17:40-18:30 |  |  |
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| **Wednesday** | **08 March** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Endemic goiter | Dr. Nimet Emel Lüleci |
| 10:40-11:30 | Child abuse and neglect in child psychiatry perspective | Dr. Ayşe Rodopman Arman |
| 11:40-12:30 | Developmental psychopathology: Common child psychiatric disorders | Dr. Ayşe Rodopman Arman |
|  |  |  |
| 13:40-14:30 | Hypothalamus and the growth hormone | Dr. Berrak Yegen |
| 14:40-15:30 | Hypothalamus and the growth hormone | Dr. Berrak Yegen |
| 15:40-16:30 | Biochemistry of hypothalamic and hypophysial hormones | Dr. Betül Yılmaz |
| 16:40-17:30 | Biochemistry of hypothalamic and hypophysial hormones | Dr. Betül Yılmaz |
| 17:40-18:30 |  |  |
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| **Thursday** | **09 March** |  |
| 08:40-09:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 09:40-10:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 10:40-11:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 11:40-12:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
|  |  |  |
| 13:40-14:30 | Hyperthyroidism | Dr. Özlem Üstay |
| 14:40-15:30 | Hypothyroidism | Dr. Özlem Üstay |
| 15:40-16:30 | Hyperparathyroidism | Dr. Dilek Gogas Yavuz |
| 16:40-17:30 | Hypoparathyroidism | Dr. Dilek Gogas Yavuz |
| 17:40-18:30 |  |   |
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| **Friday** | **10 March** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Biosynthesis and metabolism of steroid hormones | Dr. Erdi Sözen |
| 10:40-11:30 | Biosynthesis and metabolism of steroid hormones | Dr. Erdi Sözen |
| 11:40-12:30 | Radioisotope imaging of thyroid diseases and iodine therapy in hyperthyroidism and thyroid cancer | Dr. Salih Özgüven |
|  |  |  |
| 13:40-14:30 |  |  |
| 14:40-15:30 | PBL-4 (Y3C3 Committee) |  |
| 15:40-16:30 | PBL-4 (Y3C3 Committee) |  |
| 16:40-17:30 | Pituitary and pineal glands | Dr. Özlem Tuğçe Kaya |
| 17:40-18:30 |  |  |
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| **Week-2 (13 March - 17 March 2023)** |
| **Monday** | **13 March** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 | Disorders of hypothalamus and pituitary | Dr. Özlem Üstay |
| 11:40-12:30 | Disorders of hypothalamus and pituitary | Dr. Özlem Üstay |
|  |  |  |
| 13:40-14:30 | Introduction to endocrine pharmacology | Dr. Rezzan Gülhan |
| 14:40-15:30 | Pharmacotherapy of thyroid diseases | Dr. Rezzan Gülhan |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Tuesday** | **14 March** |  |
| 08:40-09:30 | Pathology of adrenal cortex and medulla | Dr. Zeliha Leyla Cinel |
| 09:40-10:30 | Adrenal glands | Dr. Özlem Tuğçe Kaya |
| 10:40-11:30 | Adrenal insufficiency | Dr. Dilek Gogas Yavuz  |
| 11:40-12:30 | Cushing syndrome | Dr. Dilek Gogas Yavuz  |
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| 13:40-14:30 | Growth monitoring and anthropometry | Dr. Abdullah Bereket |
| 14:40-15:30 | Growth and developmental problems | Dr. Abdullah Bereket |
| 15:40-16:30 | Pharmacotherapy of disorders of calcium metabolism | Dr. Zehra Nur Turgan |
| 16:40-17:30 | Adrenal medullary hormones | Dr. Alper Yıldırım |
| 17:40-18:30 |  |  |
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| **Wednesday** | **15 March** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 | Calcium and phosphate metabolism | Dr. Önder Şirikçi |
| 11:40-12:30 | Calcium and phosphate metabolism | Dr. Önder Şirikçi |
|  |  |  |
| 13:40-14:30 | Genetic disorders of thyroid and parathyroid glands | Dr. Ahmet İlter Güney |
| 14:40-15:30 | Disorders of sexual differentiation | Dr. Abdullah Bereket |
| 15:40-16:30 | Congenital adrenal hyperplasia | Dr. Abdullah Bereket |
| 16:40-17:30 | Diabetes insipidus | Dr. Abdullah Bereket |
| 17:40-18:30 |  |  |
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| **Thursday** | **16 March** |  |
| 08:40-09:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 09:40-10:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 10:40-11:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 11:40-12:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
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| 13:40-14:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 14:40-15:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 15:40-16:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 16:40-17:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 17:40-18:30 |  |  |
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| **Friday** | **17 March** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 | Psychosocial development | Dr. Aliye Tuğba Bahadır |
| 11:40-12:30 | Introduction to child and adolescence psychiatry | Dr.Ümmügülsüm Gündoğdu |
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| 13:40-14:30 |  |  |
| 14:40-15:30 | Growth, development and feeding in the infant and child | Dr. Nadiye Pınar Ay |
| 15:40-16:30 | Growth, development and feeding in the infant and child | Dr. Nadiye Pınar Ay |
| 16:40-17:30 | Adrenal cortex hormones | Dr. Hızır Kurtel |
| 17:40-18:30 | Adrenal cortex hormones | Dr. Hızır Kurtel |
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| **Week-3 (20 March - 24 March 2023)** |
| **Monday** | **20 March** |  |
| 08:40-09:30 | Hormonal control of blood glucose | Dr. Hızır Kurtel |
| 09:40-10:30 | Hormonal control of blood glucose | Dr. Hızır Kurtel |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
|  |  |  |
| 13:40-14:30 | Classification and diagnosis of diabetes mellitus | Dr. Dilek Gogas Yavuz  |
| 14:40-15:30 | Pathophysiology of diabetes mellitus (type II DM) | Dr. Dilek Gogas Yavuz  |
| 15:40-16:30 | Chronic complications of diabetes mellitus | Dr. Hülya Gözü |
| 16:40-17:30 | Chronic complications of diabetes mellitus | Dr. Hülya Gözü |
| 17:40-18:30 |  |  |
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| **Tuesday** | **21 March** |  |
| 08:40-09:30 | Pathophysiology of diabetes mellitus (type 1 DM) | Dr. Abdullah Bereket |
| 09:40-10:30 | Acute complications of diabetes mellitus | Dr. Abdullah Bereket |
| 10:40-11:30 | Treatment of diabetes mellitus | Dr. Özlem Üstay |
| 11:40-12:30 | Drug and substance addiction | Dr. Hasan Raci Yananlı |
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| 13:40-14:30 | Congenital anomalies in children | Dr. Huriye Nursel Elçioğlu |
| 14:40-15:30 | Congenital anomalies in children | Dr. Huriye Nursel Elçioğlu |
| 15:40-16:30 | Goiter and thyroid cancers | Dr. Hülya Gözü |
| 16:40-17:30 | Genetic basis of diabetes mellitus | Dr. Mehmet Ali Söylemez |
| 17:40-18:30 |  |  |
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| **Wednesday** | **22 March** |  |
| 08:40-09:30 | Clinical pharmacology of steroids | Dr. Mert Kaşkal |
| 09:40-10:30 | Clinical pharmacology of steroids | Dr. Mert Kaşkal |
| 10:40-11:30 | Pathology of endocrine pancreas | Dr. Rengin Asiye Ahıskalı |
| 11:40-12:30 | Pathology of endocrine pancreas | Dr. Rengin Asiye Ahıskalı |
|  |  |  |
| 13:40-14:30 | Signs and symptoms in psychiatry | Dr. Yıldız Akvardar |
| 14:40-15:30 | Signs and symptoms in psychiatry | Dr. Yıldız Akvardar |
| 15:40-16:30 | Endocrine hypertension | Dr. Hülya Gözü |
| 16:40-17:30 | Social and behavioral determinants of health and disease | Dr. Nadiye Pınar Ay |
| 17:40-18:30 |  |  |
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| **Thursday** | **23 March** |  |
| 08:40-09:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 09:40-10:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 10:40-11:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 11:40-12:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
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| 13:40-14:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 14:40-15:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 15:40-16:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 16:40-17:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 17:40-18:30 |  |  |
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| **Friday** | **24 March** |  |
| 08:40-09:30 | Pharmacotherapy of diabetes mellitus | Dr. Zehra Nur Turgan Aşık |
| 09:40-10:30 | Pharmacotherapy of diabetes mellitus | Dr. Zehra Nur Turgan Aşık |
| 10:40-11:30 | Genetic basis of sexual differentiation  | Dr. Bilgen Bilge Geçkinli |
| 11:40-12:30 | Mental health targets in Health 21 | Dr. Dilşad Save |
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| 13:40-14:30 |  |  |
| 14:40-15:30 | Health and illness | Dr. Dilşad Save |
| 15:40-16:30 | Body and psychiatry: Introduction to somatoform disorders | Dr. Mustafa Kemal Sayar |
| 16:40-17:30 | PBL-1  |  |
| 17:40-18:30 | PBL-1  |  |
|  |  |  |
| **Week-4 (27 March - 31 March 2023)** |
| **Monday** | **27 March** |  |
| 08:40-09:30 | Puberty and pubertal disorders | Dr. Abdullah Bereket |
| 09:40-10:30 | Puberty and pubertal disorders | Dr. Abdullah Bereket |
| 10:40-11:30 | Neurobiology of mental disorders I | Dr. Ayşe Sakallı Kani |
| 11:40-12:30 | Neurobiology of mental disorders II | Dr. Ayşe Sakallı Kani |
|  |  |  |
| 13:40-14:30 | Mental disorders due to medical conditions | Dr. Ömer Yanartaş |
| 14:40-15:30 | Observation and communication techniques in psychiatry | Dr. Neşe Yorguner |
| 15:40-16:30 | Observation and communication techniques in psychiatry | Dr. Neşe Yorguner |
| 16:40-17:30 | Introduction to sexual disorders | Dr. Neşe Yorguner |
| 17:40-18:30 |  |  |
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| **Tuesday** | **28 March** |  |
| 08:40-09:30 | Pathology of hypothalamus and pituitary | Dr. Süheyla Bozkurt |
| 09:40-10:30 | Radiology of endocrine diseases | Dr. Özge Yapıcı |
| 10:40-11:30 | Mood disorders I: Depression | Dr. Yıldız Akvardar |
| 11:40-12:30 | Mood disorders II: Bipolar disorder | Dr. Neşe Yorguner |
|  |  |  |
| 13:40-14:30 | Assessment of community nutrition | Dr. Seyhan Hıdıroğlu |
| 14:40-15:30 | Study time |  |
| 15:40-16:30 | PBL-2  |  |
| 16:40-17:30 | PBL-2  |  |
| 17:40-18:30 |  |  |
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| **Wednesday** | **29 March** |  |
| 08:40-09:30 | Schizophrenia and psychotic disorders | Dr. Mesut Yıldız |
| 09:40-10:30 | Schizophrenia and psychotic disorders | Dr. Mesut Yıldız |
| 10:40-11:30 | Pharmacotherapy of depressive disorder | Dr. Zafer Gören |
| 11:40-12:30 | Pharmacotherapy of depressive disorder | Dr. Zafer Gören |
|  |  |  |
| 13:40-14:30 | Healthy diet | Dr. Dilşad Save |
| 14:40-15:30 | Primary prevention in elderly | Dr. Saliha Serap Çifçili |
| 15:40-16:30 | Pharmacotherapy of psychosis | Dr. Tuğba Karamahmutoğlu |
| 16:40-17:30 | CASE: Adult patient with excessive sleepiness and fatigue | Dr. Çiğdem Apaydın Kaya |
| 17:40-18:30 |  |  |
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| **Thursday** | **30 March** |  |
| 08:40-09:30 | Introduction to anxiety disorders II | Dr. Necati Serkut Bulut |
| 09:40-10:30 | Introduction to anxiety disorders II | Dr. Necati Serkut Bulut |
| 10:40-11:30 | Pharmacological therapies in psychiatry | Dr. Mesut Yıldız |
| 11:40-12:30 | Pharmacological therapies in psychiatry | Dr. Mesut Yıldız |
|  |  |  |
| 13:40-14:30 | Social determinants of mental health and social psychiatry | Dr. Yıldız Akvardar |
| 14:40-15:30 | Alcohol and substance use disorders | Dr. Yıldız Akvardar |
| 15:40-16:30 | Alcohol and substance use disorders | Dr. Yıldız Akvardar |
| 16:40-17:30 | Thyroiditis | Dr. Hülya Gözü |
| 17.40-18.30 | Thyroid function tests | Dr. Hülya Gözü |
| **Friday** | **31 March** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 | Pharmacotherapy of anxiety and sleep disorders | Dr. Zafer Gören |
| 11:40-12:30 | Clinical pharmacology and toxicity of alcohol | Dr. Zafer Gören |
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| 13:40-14:30 |  |  |
| 14:40-15:30 | Study Time |  |
| 15:40-16:30 | PBL-3  |  |
| 16:40-17:30 | PBL-3  |  |
| 17:40-18:30 |  |  |
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| **Week-5 (03 April - 07 April 2022)** |
| **Monday** | **03 April** |  |
| 08:40-09:30 | Endocrine function of pancreas | Dr. Goncagül Haklar |
| 09:40-10:30 | Demographic transition in the world and Turkey | Dr. Ayşe Nilüfer Özaydın |
| 10:40-11:30 | Geriatric syndromes | Dr. Saliha Serap Çifçili |
| 11:40-12:30 | Geriatric syndromes | Dr. Saliha Serap Çifçili |
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| 13:40-14:30 | Anatomy LAB: Thyroid and parathyroid glands-Group A  | Anatomy Lab. |
| 14:40-15:30 | Anatomy LAB: Thyroid and parathyroid glands-Group B  | Anatomy Lab. |
| 15:40-16:30 | Anatomy LAB: Thyroid and parathyroid glands-Group C  | Anatomy Lab. |
| 16:40-17:30 | Anatomy LAB: Thyroid and parathyroid glands-Group D  | Anatomy Lab. |
| 17:40-18:30 | Endocrine function of pancreas | Dr. Goncagül Haklar |
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| **Tuesday** | **04 April** |  |
| 08:40-09:30 | Hormonal regulation of bone metabolism | Dr. Alper Yıldırım |
| 09:40-10:30 | Hormonal regulation of bone metabolism | Dr. Alper Yıldırım |
| 10:40-11:30 | Catecholamines | Dr. Erdi Sözen |
| 11:40-12:30 | Catecholamines | Dr. Erdi Sözen |
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| 13:40-14:30 | Hereditary growth hormone deficiency | Dr. Ahmet Arman |
| 14:40-15:30 | Study Time |  |
| 15:40-16:30 | PBL-4  |  |
| 16:40-17:30 | PBL-4 |  |
| 17:40-18:30 |  |  |
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| **Wednesday** | **05 April** |  |
| 08:40-09:30 | Histology LAB: Endocrine organs- Group A | Multidisciplinary Lab. |
| 09:40-10:30 | Histology LAB: Endocrine organs- Group B | Multidisciplinary Lab. |
| 10:40-11:30 | Histology LAB: Endocrine organs- Group C | Multidisciplinary Lab. |
| 11:40-12:30 | Histology LAB: Endocrine organs- Group D | Multidisciplinary Lab. |
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| 13:40-14:30 | Pathology LAB: Pathology of endocrine diseases-Group A | Multidisciplinary Lab. |
| 14:40-15:30 | Pathology LAB: Pathology of endocrine diseases-Group B | Multidisciplinary Lab. |
| 15:40-16:30 | Pathology LAB: Pathology of endocrine diseases-Group C | Multidisciplinary Lab. |
| 16:40-17:30 | Pathology LAB: Pathology of endocrine diseases-Group D | Multidisciplinary Lab. |
| 17:40-18:30 |  |  |
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| **Thursday** | **06 April** |  |
| 08:40-09:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 09:40-10:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 10:40-11:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 11:40-12:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
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| 13:40-14:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 14:40-15:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 15:40-16:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 16:40-17:30 | ICP-3: Basic Medical Practice-Clinical Skills-Students Research Activity-3 |  |
| 17:40-18:30 |  |  |
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| **Friday** | **07 April** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 | Nutrition in risk groups | Dr. Dilşad Save |
| 11:40-12:30 | Nutrition in risk groups | Dr. Dilşad Save |
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| 13:40-14:30 |  |  |
| 14:40-15:30 | Study Time |  |
| 15:40-16:30 | PBL-5  |  |
| 16:40-17:30 | PBL-5  |  |
| 17:40-18:30 |  |  |
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| **Week-6 (10 April – 14 April 2022)** |
| **Monday** | **10 April** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
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| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Tuesday** | **11 April** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Wednesday** | **12 April** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Thursday** | **13 April** |  |
| 08:40-09:30 | **Y3C4 THEORETICAL EXAM** |   |
| 09:40-10:30 |   |
| 10:40-11:30 |   |
| 11:40-12:30 |   |
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| 13:40-14:30 |   |
| 14:40-15:30 |   |
| 15:40-16:30 |   |
| 16:40-17:30 |  |   |
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| **Friday** | **14 April** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
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