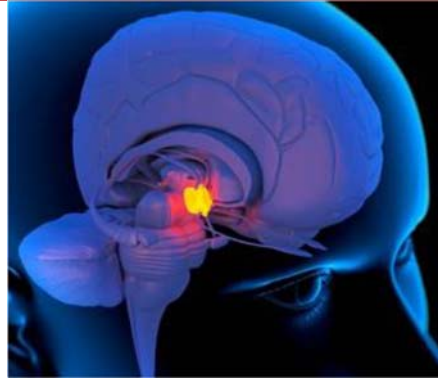




**MARMARA UNIVERSITY – EASTERN MEDITERRANEAN UNIVERSITY
INTERNATIONAL MEDICAL SCHOOL**



**GROWTH, DEVELOPMENT, MENTAL HEALTH AND RELATED DISORDERS
YEAR 3 COURSE 4
March 12 – April 27, 2018**

Year 3 Coordinators

Assoc. Prof., Arzu Akşit İLKİ & Assoc. Prof., Pınar Mega TİBER & Assist. Prof., İlke AKÇAY

Module Coordinator Assoc. Prof., Özlem SARIKAYA & Assist. Prof., H. Eren SAKALLI	Introduction to Clinician Skills (ICS) Coordinators Assoc. Prof., Pemra ÜNALAN & Assist. Prof., Bülent SEZGIN
Coordinator of Clinical Skill Lab. Assoc. Prof., Pemra ÜNALAN & Inst., Berfu Çerçi ÖNGÜN	Coordinator of ICS Res. Lab. Prof., Sibel SAKARYA & Assist. Prof., Mevhibe HOCAOĞLU
Coordinator of Multidisciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR & Assist. Prof., Mümtaz GÜRAN	Coordinator of Assessment Unite Asist. Prof., Cevdet NACAR & Assist. Prof., Mümtaz GÜRAN & Assist. Prof., Mevhibe HOCAOĞLU & Assist. Prof., H. Eren SAKALLI
Vice-Chief Coordinators	
Assessment Asist. Prof., Cevdet NACAR & Assist. Prof., Mümtaz GÜRAN	Student Affairs Asist. Prof., Can ERZİK & Assist. Prof., İlke AKÇAY
Chief Coordinator Assoc. Prof., Hasan YANANLI & Assist. Prof., Mümtaz GÜRAN	Coordinator of Medical Education Program Evaluation and Development Commission Prof., Berrak Ç. YEĞEN
Educational Consultant Assoc. Prof., Mehmet Ali GÜLPINAR	
Dean (EMU) Prof., Nahide GÖKÇORA	Dean (MU) Prof., Hakan GÜNDÜZ

LEARNING OUTCOMES / COMPETENCIES

- A. **Clinical Care: Qualified patient care and community oriented health care**
 - 1. Basic clinical skills
 - 2. The organization and management of the patient and the patient care
 - 3. The organization and the management of health care delivery services / system
 - 4. Health promotion and disease prevention
- B. **Medical Knowledge and Evidence-Based Medicine**
 - 5. Appropriate information retrieval and management skills
 - 6. The integration of knowledge, critical thinking and evidence-based decision making
 - 7. Scientific methods and basic research skills
- C. **Professional Attitudes and Values**
 - 8. Communication skills and effective communication with patients / patient relatives
 - 9. Interpersonal relationships and team working
 - 10. Ethical and professional values, responsibilities
 - 11. Individual, social and cultural values and responsibilities
 - 12. Reflective practice and continuing development
 - 13. Healthcare delivery systems, management and community oriented health care
 - 14. Education and counseling

PHASE-1 LEARNING OBJECTIVES

- 1. 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.

PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMS

Year 1, Course 1: Introduction to Cell and Cellular Replication

Year 1, Course 2: Cellular Metabolism and Transport

Year 1, Course 3: Development and Organization of Human Body

Year 1, Course 4: Introduction to Nervous System and Human Behavior

Year 2, Course 1: Cell and Tissue Injury I

Year 2, Course 2: Cell and Tissue Injury II

Year 2, Course 3: Hematopoietic System and Related Disorders

Year 2, Course 4: Musculoskeletal, Integumentary Systems and Related Disorders

Year 2, Course 5: Respiratory System and Related Disorders

Year 3, Course 1: Cardiovascular System and Related Disorders

Year 3, Course 2: Gastrointestinal System, Metabolism and Related Disorders

Year 3, Course 3: Nervous System and Related Disorders

Year 3, Course 4: Growth, Development, Mental Health and Related Disorders

Year 3, Course 5: Urinary and Reproductive System and Related Disorders

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 course, 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.

ASSESSMENT SYSTEM

Module examination: Written exam at the end of module (10 % of final score)

Practical examination: Practical exams at the end of course

Course 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

- Anatomy
- Biochemistry
- Child and Adolescent Psychiatry
- Family Medicine
- Histology and Embryology
- Internal Medicine
- Medical Genetics
- Nuclear Medicine

- Pathology
- Pediatrics
- Pharmacology
- Physiology
- Psychiatry
- Public Health
- Radiology

LECTURERS / TUTORS

Ahmet Arman, Professor, Medical Genetics
Ahmet Topuzođlu, Assoc. Prof, Public Health
Aliye Tuđba Bahadır, Assist. Prof, Child and Adolescent Psychiatry
Aymelek Yalın, Professor, Anatomy
Atila Karaalp, Professor, Pharmacology
Axel Würz, Instructor, Psychiatry,
Berfu Çerçi Öngün, Instructor, Anatomy
Berrak Yeğen, Professor, Physiology
Betül Karademir, Assoc. Prof, Biochemistry
Bülent Sezgin, Assist. Prof., Internal Medicine
Cemal Gürkan, Instructor, Forensic Sciences
Çiğdem Apaydın Kaya, Assoc. Prof, Family Medicine
Dilek Yavuz, Professor, Internal Medicine
Dilşad Save, Professor, Public Health
Duygu Gençalp, Instructor, Biochemistry
Emine Özerinç, Instructor, Turkish Language
Filiz Onat, Professor, Pharmacology
Goncagül Haklar, Professor, Biochemistry
Halil Eren Sakallı, Assist. Prof, Pharmacology
Hasan Toper, Assist. Prof., Pathology
Hızır Kurtel, Professor, Physiology

Huriye Nursel Elçiođlu, Professor, Pediatrics
Hülya Gözü, Professor, Internal Medicine
İlter Güney, Assoc. Prof, Medical Genetics
İnci Alican, Professor, Physiology
Kemal Berkman, Professor, Pharmacology
Leyla Cinel, Professor, Pathology
Masoud Afshani, Instructor, Histology and Embryology
Mesut Yıldız, Assist. Prof, Psychiatry
Nahide Gökçora, Professor, Nuclear Medicine
Nurtane Karagil, Instructor, Arts and Crafts
Özlem Tuğçe Kaya, Instructor, Histology and Embryology
Özlem Tarçın, Assoc. Prof, Internal Medicine
Pelin Bağcı, Assoc. Professor of Pathology
Pınar Ay, Professor, Public Health
Serap Çifçili, Professor, Family Medicine
Sibel Sakarya, Professor, Public Health
Tülay Güran, Professor, Pediatrics
Umut Altunç, Instructor, Pediatrics
Volkan Topçuođlu, Professor, Psychiatry
Yıldız Akvardar, Professor, Psychiatry
Zafer Gören, Professor, Pharmacology

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
- Clinical Pharmacology. D.R. Laurence, P.N. Bennet, M.J. Brown Clinical Anatomy for Medical Students. Richard S. Snell Textbook of Medical Physiology. Arthur C. Guyton, John E. Hall

SUMMARY OF THE COURSE 3.4			
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
ICS-3: Basic Medical Practices, Clinical Skills Lab.	10	17	27
Communication in Turkish-III (Foreign Students)	24	8	32
Elective Course	12		12
TOTAL	178	29	207

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	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR
WEEK 1 (March 12-16, 2018)		
Monday	March 12	
08:40-09:30	Communication in Turkish III	Inst. Emine Özerinç
09:40-10:30	Communication in Turkish III	Inst. Emine Özerinç
10:40-11:30	Communication in Turkish III	Inst. Emine Özerinç
11:40-12:30	Communication in Turkish III	Inst. Emine Özerinç
13:40-14:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Laboratory Techniques in Medicine	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Duygu Gençalp
14:40-15:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Laboratory Techniques in Medicine	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Duygu Gençalp
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	March 13	
08:40-09:30	Thyroid and parathyroid glands	Dr. Aymelek Yalın
09:40-10:30	Anatomy LAB: Thyroid and parathyroid glands	Dr. Aymelek Yalın Dr. Berfu Çerçi Öngün
10:40-11:30	Hypothalamus and the growth hormone	Dr. Berrak Yegen
11:40-12:30	Hypothalamus and the growth hormone	Dr. Berrak Yegen
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Wednesday	March 14	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Thursday	March 15	
08:40-09:30	Skeletal muscle and adipose tissue as endocrine organs	Dr. Hızır Kurtel
09:40-10:30	STUDY TIME	

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10:40-11:30	Thyroid and parathyroids	Dr. Özlem Tuğçe Kaya
11:40-12:30	Pituitary and pineal glands	Dr. Özlem Tuğçe Kaya
13:40-14:30	Adrenal glands	Dr. Özlem Tuğçe Kaya
14:40-15:30	Development of endocrine organs	Dr. Özlem Tuğçe Kaya
15:40-16:30	Histology LAB: Endocrine organs	Dr. Özlem Tuğçe Kaya Dr. Masoud Afshani
16:40-17:30	Histology LAB: Endocrine organs	Dr. Özlem Tuğçe Kaya Dr. Masoud Afshani
Friday	March 16	
08:40-09:30	Biosynthesis and metabolism of thyroid hormones	Dr. Goncagül Haklar
09:40-10:30	Biosynthesis and metabolism of thyroid hormones	Dr. Goncagül Haklar
10:40-11:30	Endocrine function of pancreas	Dr. Goncagül Haklar
11:40-12:30	Endocrine function of pancreas	Dr. Goncagül Haklar
13:40-14:30	Hormonal control of blood glucose	Dr. Hızır Kurtel
14:40-15:30	Hormonal control of blood glucose	Dr. Hızır Kurtel
15:40-16:30	Adrenal cortex hormones	Dr. Hızır Kurtel
16:40-17:30	Adrenal cortex hormones	Dr. Hızır Kurtel
WEEK 2 (March 19-23, 2018)		
Monday	March 19	
08:40-09:30	Communication in Turkish III	Inst. Emine Özerinç
09:40-10:30	Communication in Turkish III	Inst. Emine Özerinç
10:40-11:30	Communication in Turkish III	Inst. Emine Özerinç
11:40-12:30	Communication in Turkish III	Inst. Emine Özerinç
13:40-14:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Laboratory Techniques in Medicine	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Duygu Gençalp
14:40-15:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Laboratory Techniques in Medicine	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Duygu Gençalp
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	March 20	
08:40-09:30	Thyroid function	Dr. Yaşar İnci Alican
09:40-10:30	Thyroid function	Dr. Yaşar İnci Alican
10:40-11:30	Hormonal regulation of bone metabolism	Dr. Yaşar İnci Alican
11:40-12:30	Hormonal regulation of bone metabolism	Dr. Yaşar İnci Alican
13:40-14:30	STUDY TIME	

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14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Wednesday	March 21	
08:40-09:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	Dr. Bülent Sezgin
09:40-10:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	Dr. Umut Altunç
10:40-11:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	Dr. Hasan Toper
11:40-12:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	Dr. Berfu Çerçi Öngün
		Dr. Halil Eren Sakallı
13:40-14:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	Dr. Bülent Sezgin
14:40-15:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	Dr. Umut Altunç
15:40-16:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	Dr. Hasan Toper
16:40-17:30	STUDY TIME	Dr. Berfu Çerçi Öngün
		Dr. Halil Eren Sakallı
Thursday	March 22	
08:40-09:30	STUDY TIME	
09:40-10:30	Biochemistry of hypothalamic and hypophysial hormones	Dr. Betül Karademir
10:40-11:30	Biochemistry of hypothalamic and hypophysial hormones	Dr. Betül Karademir
11:40-12:30	Radiology of endocrine diseases	Dr. Onur Buğdaycı
13:40-14:30	Calcium and phosphate metabolism	Dr. Önder Şirikçi
14:40-15:30	Calcium and phosphate metabolism	Dr. Önder Şirikçi
15:40-16:30	Adrenal medullary hormones	Dr. Alper Yıldırım
16:40-17:30	Endemic goiter	Dr. Nimet Emel Lüleci
Friday	March 23	
08:40-09:30	Y1C3 THEORETICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Catecholamines	Dr. Betül Karademir
14:40-15:30	Catecholamines	Dr. Betül Karademir
15:40-16:30	Biosynthesis and metabolism of steroid hormones	Dr. Betül Karademir
16:40-17:30	Biosynthesis and metabolism of steroid hormones	Dr. Betül Karademir

WEEK 3 (March 26-30, 2018)

Monday	March 26	
08:40-09:30	Communication in Turkish III	Inst. Emine Özerinç
09:40-10:30	Communication in Turkish III	Inst. Emine Özerinç
10:40-11:30	Communication in Turkish III	Inst. Emine Özerinç

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11:40-12:30	Communication in Turkish III	Inst. Emine Özeriç
13:40-14:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Laboratory Techniques in Medicine	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Duygu Gençalp
14:40-15:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Laboratory Techniques in Medicine	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Duygu Gençalp
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	March 27	
08:40-09:30	Thyroiditis	Dr. Hülya Gözü
09:40-10:30	Chronic complications of diabetes mellitus	Dr. Hülya Gözü
10:40-11:30	Chronic complications of diabetes mellitus	Dr. Hülya Gözü
11:40-12:30	Endocrine hypertension	Dr. Hülya Gözü
13:40-14:30	Pharmacotherapy of disorders of calcium metabolism	Dr. Medine Gülcebi İdriz Oğlu
14:40-15:30	Thyroid function tests	Dr. Hülya Gözü
15:40-16:30	PBL Module-1	Dr. Berfu Çerçi Öngün Dr. Bülent Sezgin
16:40-17:30	PBL Module-1	Dr. Halil Eren Sakallı Dr. Umut Altunç
Wednesday	March 28	
08:40-09:30	Pathology of thyroid and parathyroid diseases	Dr. Zeliha Leyla Cinel
09:40-10:30	Pathology of thyroid and parathyroid diseases	Dr. Zeliha Leyla Cinel
10:40-11:30	Pathology of adrenal cortex and medulla	Dr. Zeliha Leyla Cinel
11:40-12:30	Pathophysiology of diabetes mellitus (type II DM)	Dr. Dilek Gogas Yavuz
13:40-14:30	Adrenal insufficiency	Dr. Dilek Gogas Yavuz
14:40-15:30	Hyperparathyroidism	Dr. Dilek Gogas Yavuz
15:40-16:30	Classification and diagnosis of diabetes mellitus	Dr. Dilek Gogas Yavuz
16:40-17:30	Cushing syndrome	Dr. Dilek Gogas Yavuz
Thursday	March 29	
08:40-09:30	Signs and symptoms in psychiatry	Dr. Mesut Yıldız
09:40-10:30	Signs and symptoms in psychiatry	Dr. Mesut Yıldız
10:40-11:30	Schizophrenia and psychotic disorders	Dr. Mesut Yıldız
11:40-12:30	Schizophrenia and psychotic disorders	Dr. Mesut Yıldız
13:40-14:30	Body and psychiatry: Introduction to somatoform disorders	Dr. Mesut Yıldız
14:40-15:30	Disorders of hypothalamus and pituitary	Dr. Özlem Tarçın

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15:40-16:30	Disorders of hypothalamus and pituitary	Dr. Özlem Tarçın
16:40-17:30	Hyperthyroidism	Dr. Özlem Tarçın
Friday	March 30	
08:40-09:30	Hypothyroidism	Dr. Özlem Tarçın
09:40-10:30	Goiter and thyroid cancers	Dr. Özlem Tarçın
10:40-11:30	Hypoparathyroidism	Dr. Özlem Tarçın
11:40-12:30	Treatment of diabetes mellitus	Dr. Özlem Tarçın
13:40-14:30	Introduction to sexual disorders	Dr. Axel Würz
14:40-15:30	Observation and communication techniques in psychiatry	Dr. Axel Würz
15:40-16:30	Observation and communication techniques in psychiatry	Dr. Axel Würz
16:40-17:30	Radioisotope imaging of thyroid diseases and iodine therapy in hyperthyroidism and thyroid cancer	Dr. Nahide Gökçora

WEEK 4 (April 02-06, 2018)		
Monday	April 02	
08:40-09:30	Communication in Turkish III	Inst. Emine Özerinç
09:40-10:30	Communication in Turkish III	Inst. Emine Özerinç
10:40-11:30	Communication in Turkish III	Inst. Emine Özerinç
11:40-12:30	Communication in Turkish III	Inst. Emine Özerinç
13:40-14:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Laboratory Techniques in Medicine	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Duygu Gençalp
14:40-15:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Laboratory Techniques in Medicine	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Duygu Gençalp
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	April 03	
08:40-09:30	Introduction to child and adolescence psychiatry	Dr. Aliye Tuğba Bahadır
09:40-10:30	Psychosocial development	Dr. Aliye Tuğba Bahadır
10:40-11:30	Developmental psychopathology: Common child psychiatric disorders	Dr. Aliye Tuğba Bahadır
11:40-12:30	Child abuse and neglect in child psychiatry perspective	Dr. Aliye Tuğba Bahadır
13:40-14:30	Mental development and developmental disorders	Dr. Aliye Tuğba Bahadır
14:40-15:30	Hereditary growth hormone deficiency	Dr. Ahmet Arman
15:40-16:30	PBL Module-2	Dr. Berfu Çerçi Öngün Dr. Bülent Sezgin
16:40-17:30	PBL Module-2	Dr. Halil Eren Sakallı Dr. Umut Altunç

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Wednesday	April 04	
08:40-09:30	ICS-3: Combining Medical Practice (CMPS)-2	Dr. Serap Çifçili
09:40-10:30	ICS-3: Combining Medical Practice (CMPS)-2	Dr. Umut Altunç
10:40-11:30	ICS-3: Combining Medical Practice (CMPS)-2	Dr. Berfu Çerçi Öngün
11:40-12:30	ICS-3: Combining Medical Practice (CMPS)-2	Dr. Hasan Toper
		Dr. Halil Eren Sakallı
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Thursday	April 05	
08:40-09:30	Growth, development and feeding in the infant and child	Dr. Dilşad Cebeci Save
09:40-10:30	Growth, development and feeding in the infant and child	Dr. Dilşad Cebeci Save
10:40-11:30	Social and behavioral determinants of health and disease	Dr. Dilşad Cebeci Save
11:40-12:30	Nutrition in risk groups	Dr. Dilşad Cebeci Save
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	Neurobiology of mental disorders I	Dr. Yıldız Akvardar
Friday	April 06	
08:40-09:30	STUDY TIME	
09:40-10:30	Neurobiology of mental disorders II	Dr. Yıldız Akvardar
10:40-11:30	Mood disorders I: Depression	Dr. Yıldız Akvardar
11:40-12:30	Mood disorders II: Bipolar disorder	Dr. Yıldız Akvardar
13:40-14:30	Nutrition in risk groups	Dr. Dilşad Cebeci Save
14:40-15:30	Assessment of community nutrition	Dr. Dilşad Cebeci Save
15:40-16:30	Health and illness	Dr. Dilşad Cebeci Save
16:40-17:30	Healthy diet	Dr. Dilşad Cebeci Save

WEEK 5 (April 09-13, 2018)		
Monday	April 09	
08:40-09:30	Communication in Turkish III	Inst. Emine Özerinç
09:40-10:30	Communication in Turkish III	Inst. Emine Özerinç
10:40-11:30	Communication in Turkish III	Inst. Emine Özerinç
11:40-12:30	Communication in Turkish III	Inst. Emine Özerinç
13:40-14:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students	Dr. Cemal Gürkan Inst. Nurtane Karagil

	MDCN184 – Laboratory Techniques in Medicine	Inst. Duygu Gençalp
14:40-15:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Laboratory Techniques in Medicine	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Duygu Gençalp
15:40-16:30	PBL Module-3	Dr. Berfu Çerçi Öngün Dr. Bülent Sezgin
16:40-17:30	PBL Module-3	Dr. Halil Eren Sakallı Dr. Umut Altunç
Tuesday	April 10	
08:40-09:30	Demographic transition in the world and Turkey	Dr. Sibel Sakarya
09:40-10:30	Mental health targets in Health 21	Dr. Sibel Sakarya
10:40-11:30	Introduction to endocrine pharmacology	Dr. Kemal Berkman
11:40-12:30	Pharmacotherapy of thyroid diseases	Dr. Kemal Berkman
13:40-14:30	Clinical pharmacology of steroids	Dr. Kemal Berkman
14:40-15:30	Clinical pharmacology of steroids	Dr. Kemal Berkman
15:40-16:30	Drug and substance addiction	Dr. Atila Karaalp
16:40-17:30	Clinical pharmacology and toxicity of alcohol	Dr. Atila Karaalp
Wednesday	April 11	
08:40-09:30	ICS-3: Review of General Physical Examination	Dr. Çiğdem Apaydın Kaya Dr. Bülent Sezgin
09:40-10:30	ICS-3: Review of General Physical Examination	Dr. Umut Altunç
10:40-11:30	ICS-3: Review of General Physical Examination	Dr. Hasan Toper Dr. Halil Eren Sakallı
11:40-12:30	ICS-3: Review of General Physical Examination	Dr. Berfu Çerçi Öngün
13:40-14:30	ICS-3: Review of General Physical Examination	Dr. Çiğdem Apaydın Kaya Dr. Bülent Sezgin
14:40-15:30	ICS-3: Review of General Physical Examination	Dr. Umut Altunç Dr. Hasan Toper
15:40-16:30	ICS-3: Review of General Physical Examination	Dr. Halil Eren Sakallı Dr. Berfu Çerçi Öngün
16:40-17:30	<i>CASE: Adult patient with excessive sleepiness and fatigue</i>	Dr. Çiğdem Apaydın Kaya
Thursday	April 12	
08:40-09:30	Communication in Turkish III – Interactive Session	Inst. Emine Özerinç
09:40-10:30	Communication in Turkish III – Interactive Session	Inst. Emine Özerinç
10:40-11:30	PBL Module-4	Dr. Berfu Çerçi Öngün Dr. Bülent Sezgin
11:40-12:30	PBL Module-4	Dr. Halil Eren Sakallı Dr. Umut Altunç
13:40-14:30	Diabetes insipidus	Dr. Tülay Güran
14:40-15:30	Pathophysiology of diabetes mellitus (type 1 DM)	Dr. Tülay Güran
15:40-16:30	Acute complications of diabetes mellitus	Dr. Tülay Güran
16:40-17:30	Disorders of sexual differentiation	Dr. Tülay Güran

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Friday	April 13	
08:40-09:30	Congenital adrenal hyperplasia	Dr. Tülay Güran
09:40-10:30	Growth monitoring and anthropometry	Dr. Tülay Güran
10:40-11:30	Growth and developmental problems	Dr. Tülay Güran
11:40-12:30	Puberty and pubertal disorders	Dr. Tülay Güran
13:40-14:30	Puberty and pubertal disorders	Dr. Tülay Güran
14:40-15:30	Mental disorders due to medical conditions	Dr. Volkan Topçuoğlu
15:40-16:30	Introduction to anxiety disorders I-II	Dr. Volkan Topçuoğlu
16:40-17:30	Pharmacological therapies in psychiatry I-II	Dr. Volkan Topçuoğlu

WEEK 6 (April 16-20, 2018)		
Monday	April 16	
08:40-09:30	Communication in Turkish III	Inst. Emine Özerinç
09:40-10:30	Communication in Turkish III	Inst. Emine Özerinç
10:40-11:30	Communication in Turkish III	Inst. Emine Özerinç
11:40-12:30	Communication in Turkish III	Inst. Emine Özerinç
13:40-14:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Laboratory Techniques in Medicine	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Duygu Gençalp
14:40-15:30	Elective Course – III MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Laboratory Techniques in Medicine	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Duygu Gençalp
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	April 17	
08:40-09:30	Pathology of endocrine pancreas	Dr. Pelin Bağcı
09:40-10:30	Pathology of endocrine pancreas	Dr. Pelin Bağcı
10:40-11:30	Pathology of hypothalamus and pituitary	Dr. Pelin Bağcı
11:40-12:30	Pathology LAB: Pathology of endocrine diseases-Group A	Dr. Pelin Bağcı Dr. Hasan Toper
13:40-14:30	Pathology LAB: Pathology of endocrine diseases-Group B	Dr. Pelin Bağcı Dr. Hasan Toper
14:40-15:30	Congenital anomalies in children	Dr. Huriye Nursel Elçioğlu
15:40-16:30	Domestic violence	Dr. Ahmet Topuzoğlu
16:40-17:30	STUDY TIME	
Wednesday	April 18	

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08:40-09:30	ICS-3: Polyclinic Visit	Dr. Bülent Sezgin
09:40-10:30	ICS-3: Polyclinic Visit	Dr. Umut Altunç
10:40-11:30	ICS-3: Polyclinic Visit	Dr. Hasan Toper
11:40-12:30	ICS-3: Polyclinic Visit	Dr. Halil Eren Sakallı
		Inst. Emine Özerinç
13:40-14:30	ICS-3: Polyclinic Visit	Dr. Bülent Sezgin
14:40-15:30	ICS-3: Polyclinic Visit	Dr. Umut Altunç
15:40-16:30	ICS-3: Polyclinic Visit	Dr. Hasan Toper
16:40-17:30	ICS-3: Polyclinic Visit	Dr. Halil Eren Sakallı
		Inst. Emine Özerinç
Thursday	April 19	
08:40-09:30	STUDY TIME	
09:40-10:30	Pharmacotherapy of depressive disorder	Dr. Zafer Gören
10:40-11:30	Pharmacotherapy of depressive disorder	Dr. Zafer Gören
11:40-12:30	Pharmacotherapy of anxiety and sleep disorders	Dr. Zafer Gören
13:40-14:30	ICS-3: PV report writing	Dr. Bülent Sezgin
		Dr. Umut Altunç
14:40-15:30	Geriatric syndromes	Dr. Saliha Serap Çifçili
15:40-16:30	Geriatric syndromes	Dr. Saliha Serap Çifçili
16:40-17:30	Primary prevention in elderly	Dr. Saliha Serap Çifçili
Friday	April 20	
08:40-09:30	PBL Module-5	Dr. Berfu Çerçi Öngün
		Dr. Bülent Sezgin
09:40-10:30	PBL Module-5	Dr. Halil Eren Sakallı
		Dr. Umut Altunç
10:40-11:30	Pharmacotherapy of diabetes mellitus	Dr. Filiz Onat
11:40-12:30	Pharmacotherapy of diabetes mellitus	Dr. Filiz Onat
13:40-14:30	Pharmacotherapy of psychosis	Dr. Filiz Onat
14:40-15:30	Genetic disorders of thyroid and parathyroid glands	Dr. İlder Güney
15:40-16:30	Genetic basis of diabetes mellitus	Dr. İlder Güney
16:40-17:30	Genetic basis of sexual differentiation	Dr. İlder Güney

WEEK 7 (April 23-27, 2018)		
Monday	April 23	
08:40-09:30	NATIONAL SOVEREIGNTY & CHILDREN'S DAY (HOLIDAY)	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		

15:40-16:30		
16:40-17:30		
Tuesday	April 24	
08:40-09:30	PRACTICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Wednesday	April 25	
08:40-09:30	PRACTICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Thursday	April 26	
08:40-09:30		
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Friday	April 27	
08:40-09:30		
09:40-10:30	Y3C4 THEORETICAL EXAM (starts at 9:30)	
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		

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15:40-16:30		
16:40-17:30		