

GAZI UNIVERSITY FACULTY OF MEDICINE

2020-2021 EDUCATIONAL YEAR

DISTANCE (ON-LINE) EDUCATION LABORATORY COURSES FOR YEAR II

ENDOCRINE AND UROGENITAL SYSTEM COMMITTEE
(May 17, 2021- June 09, 2021)

Courses	Theoretical	Laboratory
Anatomy	15	2x2
Histology and Embryology	19	1x2
Physiology	33	1x4
Medical Biochemistry	16	1x1
Medical Ethics and Deontology	4	-
TOTAL	87	5

09.06.2021	Wednesday	APPLIED+THEORETICAL EXAM
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Dean	Prof.Dr. Mustafa Necmi İLHAN
Vice Dean	Assoc. Prof. Dr. İlyas OKUR
Vice Dean	Assoc. Prof. Dr. Özlem GÜZEL TUNÇCAN
Head Coordinator	Prof. Dr. Çiğdem ÖZER
Assistant Head Coordinator	Prof.Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof.Dr. Akif Muhtar ÖZTÜRK
Assistant Head Coordinator	Assoc. Prof. Dr.Özlem COŞKUN
Year II Coordinator	Assoc. Prof. Dr.Gökçe S. ÖZTÜRK FİNCAN
Assistant Year II Coordinator	Assist. Prof. Dr. Zeynep YİĞMAN (ENG)
Assistant Year II Coordinator	Teach. Assist. Dr. Süheyla Esra ÖZKOÇER
Assistant Year II Coordinator	Teach. Assist. Dr. Pelin TÜRKKAN
Assistant Year II Coordinator	Teach. Assist. Dr. Ece ALİM

MEMBERS OF COMMITTEE

ANATOMY	HISTOLOGY & EMBRYLOGY	PHYSIOLOGY	MEDICAL BİOCHEMISTRY	MEDICAL ETHICS & DEONTOLOGY
Dr.Meltem BAHÇELİOĞLU	Dr. Çiğdem ELMAS	Dr. Şevin GÜNEY	Dr. Neslihan BUKAN	Dr.Nesrin ÇOBANOĞLU
Dr. Ece ALİM	Dr. Zeynep YIĞMAN	Dr. Meltem SEVGİLİ	Dr. Aylin SEPİCİ DİNÇEL	
	Dr. S. Esra ÖZKOÇER		Dr. Cengiz KARAKAYA	

ANATOMY	HISTOLOGY & EMBRYLOGY	PHYSIOLOGY	MEDICAL BİOCHEMISTRY
Dr.Meltem BAHÇELİOĞLU	Dr. Çiğdem ELMAS	Dr. Meltem SEVGİLİ	Dr. Aylin SEPİCİ DİNÇEL
Dr. Ece ALİM	Dr. Zeynep YIĞMAN	Dr. Pelin TÜRKKAN	
	Dr. Esra ÖZKOÇER	Dr. Hilal KORKMAZ	
	Dr. Duygu DAYANIR		

Elective Course Coordinator	Assoc. Prof. Dr. Ergin DİLEKÖZ
Problem Based Learning	Assoc. Prof.Dr. Özlem COŞKUN

ENDOCRINE AND UROGENITAL SYSTEM COMMITTEE

Objective:

Should be able to explain the embryonic development, anatomical and histological structure of endocrine, excretory and reproductive system. Should be able to explain structure, synthesis and mechanism of action of hormones. Should be able to explain the functions of endocrine, excretory and reproductive system physiologically and interpret the connections with the clinic.

LEARNING OBJECTIVES

Knowledge Based

- LO-200-4-1 Should be able to explain which germ leaves the endocrine organs develop from and in which weeks of development it occurs
- LO-200-4-2 Should be able to describe the anatomical and histological structures of endocrine organs (hypothalamus, pituitary gland, thyroid, pancreas, adrenal gland, etc.)
- LO-200-4-3 Should be able to describe the general mechanisms of action of hormones, homeostatic control systems, negative and positive feedback mechanisms
- LO-200-4-4 Should be able to explain the biochemical properties and mechanisms of action of hormones
- LO-200-4-5 Should be able to explain from which germ leaves and when the urinary system develops
- LO-200-4-6 Should be able to describe the anatomical and histological structure of kidneys, bladder and ureters
- LO-200-4-7 Should define the physiological functions of the kidney and be able to grasp the connections with the other systems in the maintenance of homeostasis
- LO-200-4-8 Should be able to explain from which germ leaves and when the genital system develops
- LO-200-4-9 Should be able to tell genital channel differentiation and role hormones in male and female
- LO-200-4-10 Should be able to say genital organs of male and female, histological changes in ovarian cycle, to explain gametogenesis
- LO-200-4-11 Should define the mechanisms of pregnancy, lactation and menopause
- LO-200-4-12 Should be able to explain male reproductive system functions
- LO-200-4-13 Should be able to list the mechanisms that provide bladder functions and control
- LO-200-4-14 Should be able to differentiate some clinical findings (diabetes, hypothyroidism, hyperparathyroidism etc.) related to endocrine system dysfunctions
- LO-200-4-15 Should be able to say the rules of professional ethics, physician - patient relationship.
- LO-200-4-16 Should be able to have a problem-based approach to diseases

Application Based (practical skills)

- LO-200-4-17 Should be able to show the ability to insert male and female catheters
- LO-200-4-18 Should be able to recognize endocrine organs, kidney sections, bladder and ureter under the microscope
- LO-200-4-19 Should be able to show male genital organs and channels, ovarian follicles, tuba uterina, uterine layers, vagina and cervix at microscope level
- LO-200-4-20 Should be able to demonstrate the ability to choose the appropriate behavior in medical practice

Skills Based (intellectual and transferable skills)

- LO-200-4-21 Should be aware of the importance of cadaver use
- LO-200-4-22 Should be aware of the importance of microscope use in histology education
- LO-200-4-23 Should develop sensitivity about the rules of profession and to be able to use empathy

LABORATORY COURSES	
ANATOMY LABORATORY 1	Kidneys and ureters, Urinary bladder and urethra, Internal iliac artery, Pudendal plexus
ANATOMY LABORATORY 2	Pelvis and perineum, Female internal and external genital organs, Male internal and external genital organs
PHYSIOLOGY LABORATORY	Evaluation of Blood Sugar
MEDICAL BIOCHEMISTRY LABORATORY	Diabetes Mellitus and obesity
HISTOLOGY LABORATORY	Hypophysis (Glandula Pituitaria) Thyroid (Glandula Thyroidea) Parathyroid (Glandula Parathyroidea) Glandula Suprarenalis Kidney Ureter Urinary Bladder Testis Duktus Epididimidis Duktus Deferens Prostat Ovarium Tuba Uterina Uterus

1 st week	17.05.2021 MONDAY (YEAR 3 EXAM)	18.05.2021 TUESDAY	19.05.2021 WEDNESDAY	20.05.2021 THURSDAY	21.05.2021 FRIDAY (YEAR 1 EXAM)
09.00-10.30	Free Study Time	PRACTICAL EXAM	RESMİ TATİL	THEORETICAL EXAM	Free Study Time
11.00-12.30	Free Study Time		RESMİ TATİL		Free Study Time
14:00-15:00	Free Study Time	MEDICAL ENGLISH	RESMİ TATİL	PBL	Free Study Time
15:00-16:00	Free Study Time	ELECTIVE COURSES	RESMİ TATİL	PBL	Free Study Time

2 nd week	24.05.2021 MONDAY	25.05.2021 TUESDAY	26.05.2021 WEDNESDAY	27.05.2021 THURSDAY	28.05.2021 FRIDAY
09.00-10.30	Free Study Time	Anatomy laboratory (1) 1. group	Free Study Time	Free Study Time	Free Study Time
11.00-12.30	Free Study Time	Anatomy laboratory (1) 2. group	Physiology Laboratory A Group	Physiology Laboratory B Group	Histology Laboratory 1. group
14:00-15:00	Free Study Time	MEDICAL ENGLISH	Medical Biochemistry Laboratory 1. ve 2. group	PBL	Free Study Time
15:00-16:00	Free Study Time	ELECTIVE COURSES	Free Study Time	PBL	Free Study Time

3 rd week	31.05.2021 MONDAY	01.06.2021 TUESDAY	02.06.2021 WEDNESDAY	03.06.2021 THURSDAY	04.06.2021 FRIDAY
09.00-10.30	Free Study Time	Anatomy laboratory (2) 2. group	Free Study Time	Free Study Time	Free Study Time
11.00-12.30	Free Study Time	Anatomy laboratory (2) 1. group	Physiology Laboratory C Group	Physiology Laboratory D Group	Histology Laboratory 2. group
14:00-15:00	Free Study Time	MEDICAL ENGLISH	Free Study Time	PBL	Free Study Time
15:00-16:00	Free Study Time	ELECTIVE COURSES	Free Study Time	PBL	Free Study Time

4 th week	07.06.2021 MONDAY	08.06.2021 TUESDAY	09.06.2021 WEDNESDAY		
09.00-10.30	Histology Laboratory Make up	Free Study Time	APPLIED + THEORETICAL EXAM		
11.00-12.30	Physiology Laboratory Make up	Free Study Time			
14:00-15:00	Free Study Time	MEDICAL ENGLISH			
15:00-16:00	Free Study Time	ELECTIVE COURSES			