

KYRENIA UNIVERSITY FACULTY OF MEDICINE
YEAR II
2023-2024 EDUCATIONAL YEAR
ENDOCRINE AND UROGENITAL SYSTEM COMMITTEE
(26.02.2024– 05.04.2024)

COURSES	THEORETICAL	LAB	TOTAL
Anatomy	15	2X2	19
Histology and Embryology	19	4X2	27
Physiology	33	2x2	39
Medical Biochemistry	16	1x2	18
Medical History and Ethics	4		4
TOTAL	89	9	107

Dean	Prof.Dr. Rveyde BUNDAK
Vice Dean	Prof. Dr. Candan ZOĐUL
Coordinator	Asst. Prof. Dr. Mete ZKOĐ

MEMBERS OF COMMITTEE

ANATOMY		PHYSIOLOGY		HISTOLOGY & EMBRYLOGY
Yrd. DoĐ. Dr. Shahnaz Sabetkam	Prof. Dr. Mehmet Alp Dirik	Prof. Dr. Deniz ErbaŐ	Prof. Dr. Orhan Denli	Prof.Dr. Candan zoĐul
Prof. Dr. Nurettin OĐuz	Dr. İskender Yılmaz	Prof. Dr. Cem Őeref Bediz	Prof. Dr..Ethem Gelir	Prof. Dr. Bekir UĐur Ergr
BIOCHEMISTRY		Asst. Prof. Hanadi Sourg		Prof. Dr. Gven Erbil
Prof. Dr. Levent Kayrın		MEDICAL HISTORY AND ETHICS		Dr. İmtiaz Ali
Asst. Prof. Dr. Mete zkoĐ		Prof . Dr. Ferit Pehlivan		

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

Should be able to explain which germ leaves the endocrine organs develop from and in which weeks of development it occurs

Should be able to describe the anatomical and histological structures of endocrine organs (hypothalamus, pituitary gland, thyroid, pancreas, adrenal gland, etc.)

Should be able to describe the general mechanisms of action of hormones, homeostatic control systems, negative and positive feedback mechanisms

Should be able to explain the biochemical properties and mechanisms of action of hormones

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

Should define the physiological functions of the kidney and be able to grasp the connections with the other systems in the maintenance of homeostasis

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

Should be able to say genital organs of male and female, histological changes in ovarian cycle, to explain gametogenesis

Should define the mechanisms of pregnancy, lactation and menopause LO-200-4-12

Should be able to explain male reproductive system functions

Should be able to list the mechanisms that provide bladder functions and control

Should be able to differentiate some clinical findings (diabetes, hypothyroidism, hyperparathyroidism etc.) related to endocrine system dysfunctions

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)

Should be able to show the ability to insert male and female catheters

Should be able to recognize endocrine organs, kidney sections, bladder and ureter under the microscope

Should be able to show male genital organs and channels, ovarian follicles, tuba uterina, uterine layers, vagina and cervix at microscope level

Should be able to demonstrate the ability to choose the appropriate behavior in medical practice

Skills Based (intellectual and transferable skills)

Should be aware of the importance of cadaver use

Should be aware of the importance of microscope use in histology education

Should develop sensitivity about the rules of profession and to be able to use empathy

1 st WEEK	26.02.2024 MONDAY	27.02.2024 TUESDAY	28.02.2024 WEDNESDAY	29.02.2024 THURSDAY	01.03.2024 FRIDAY
8:30-09:15	Endocrine Glands Dr. Sabetkam	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME	Physiologic actions of Posterior pituitary hormones Dr. Gelir (Online)
09:30-10:15	Endocrine Glands Dr. Sabetkam	FREE STUDY TIME	Urinary Bladder, Urethra Dr. Sabetkam	FREE STUDY TIME	Physiologic actions of Anterior pituitary hormones Dr. Gelir (Online)
10:30-11:15	Pituitary and Pineal Glands Dr. Özoğul	Histology and embryology of thyrod and parathyroid glands Dr. Ergür	Internal iliac artery, pudental plexus Dr. Sabetkam	The mechanism of action and signalling pathways of hormone Dr. Özkoç	Physiologic actions of Anterior pituitary hormones Dr. Gelir (Online)
11:30-12:15	Pituitary and Pineal Glands Dr. Özoğul	Histology and embryology of thyrod and parathyroid glands Dr. Ergür	FREE STUDY TIME	The mechanism of action and signalling pathways of hormone Dr. Özkoç	FREE STUDY TIME
13:30-14:15	Kidney and Ureters Dr. Sabetkam	Neuroendocrine integration and Intercellular Communications Dr. Sourg	Medical English Dr. Hossein Ardestani	The Pituitary-Hypothalamus Relationship and Hypothalamic Hormones Dr. Gelir (Online)	Adrenal Glands Dr. Erbil
14:30-15:15	Kidney and Ureters Dr. Sabetkam	Endocrine Functions of Hypothalamus Dr. Sourg	Medical English Dr. Hossein Ardestani	The Pituitary-Hypothalamus Relationship and Hypothalamic Hormones Dr. Gelir (Online)	Adrenal Glands Dr. Erbil
15:30-16:15	Questions Analysis of 3rd Committee Exam and Feedback	General Properties and classification of hormones Dr. Özkoç	Introduction Of Medicine Dr. Yaşöz	FREE STUDY TIME	TURKISH COMMUNICATION II Dr. Erkul
16:30-17:15	FREE STUDY TIME	General Properties and classification of hormones Dr. Özkoç	Introduction Of Medicine Dr. Yaşöz	FREE STUDY TIME	TURKISH COMMUNICATION II Dr. Erkul

2 nd WEEK	04.03.2024 MONDAY	05.03.2024 TUESDAY	06.03.2024 WEDNESDAY	07.03.2024 THURSDAY	08.03.2024 FRIDAY
08:30-09:15	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME
09:30-10:15	Hypothalamus and pituitary gland hormones Dr. Özkoç	FREE STUDY TIME	Urinary System Embryology Dr. Erbil	Urinary System Histology Dr. Erbil	Reproductive System Embryology Dr. Ergür
10:30-11:15	Hypothalamus and pituitary gland hormones Dr. Özkoç	Endocrine functions of pancreas Dr. Gelir (Online)	Urinary System Embryology Dr. Erbil	Urinary System Histology Dr. Erbil	Reproductive System Embryology Dr. Ergür
11:30-12:15	Thyroid Hormones Dr. Özkoç	Endocrine functions of pancreas Dr. Gelir (Online)	Pelvis and perineum Dr. Sabetkam	Urinary System Histology Dr. Erbil	Adrenal cortex and medullary hormones Dr. Erbaş
13:30-14:15	Thyroid Hormones Dr. Hanadi	Histology Lab 1	Medical English Dr. Hossein Ardestani	Physiology Lab 1 All Lecturers	Adrenal cortex and medullary hormones Dr. Erbaş
14:30-15:15	Thyroid Hormones Dr. Hanadi	Histology Lab 1	Medical English Dr. Hossein Ardestani	Physiology Lab 1 All Lecturers	Adrenal cortex and medullary hormones Dr. Erbaş
15:30-16:15	FREE STUDY TIME	Histology Lab 1	Introduction Of Medicine Dr. Yaşöz	Physiology Lab 1 All Lecturers	TURKISH COMMUNICATION II Dr. Erkul
16:30-17:15	FREE STUDY TIME	Histology Lab 1	Introduction Of Medicine Dr. Yaşöz	Physiology Lab 1 All Lecturers	TURKISH COMMUNICATION II Dr. Erkul

3 rd WEEK	11.03.2024 MONDAY	12.03.2024 TUESDAY	13.03.2024 WEDNESDAY	14.03.2024 THURSDAY	15.03.2024 FRIDAY
08:30-09:15	FREE STUDY TIME	Physiology Lab 2 All Lecturers	Pancreatic Hormones Dr. Kayrın	MEDICINE DAY	FREE STUDY TIME
09:30-10:15	Histology of female reproductive system Dr. Özoğul	Physiology Lab 2 All Lecturers	Pancreatic Hormones Dr. Kayrın	MEDICINE DAY	Hormones regulating calcium metabolism Dr. Özkoç
10:30-11:15	Histology of female reproductive system Dr. Özoğul	Physiology Lab 2 All Lecturers	Male internal and external genital organs Dr. Sabetkam	MEDICINE DAY	Adrenal Medulla Hormones Dr. Kayrın
11:30-12:15	Histology of female reproductive system Dr. Özoğul	Physiology Lab 2 All Lecturers	Male internal and external genital organs Dr. Sabetkam	MEDICINE DAY	Adrenal Medulla Hormones Dr. Kayrın
13:30-14:15	Anatomy Lab 1	Female internal and external genital organs Dr. Sabetkam	Medical English Dr. Hossein Ardestani	MEDICINE DAY	Functions of male gonads Dr. Erbaş
14:30-15:15	Anatomy Lab 1	Female internal and external genital organs Dr. Sabetkam	Medical English Dr. Hossein Ardestani	MEDICINE DAY	Functions of male gonads Dr. Erbaş
15:30-16:15	Anatomy Lab 1	Parathyroid Hormone, regulation of Calcium Metabolism Dr. Hanadi	Introduction Of Medicine Dr. Yaşöz	MEDICINE DAY	TURKISH COMMUNICATION II Dr. Erkul
16:30-17:15	Anatomy Lab 1	Parathyroid Hormone, regulation of Calcium Metabolism Dr. Hanadi	Introduction Of Medicine Dr. Yaşöz	MEDICINE DAY	TURKISH COMMUNICATION II Dr. Erkul

4 th WEEK	18.03.2024 MONDAY	19.03.2024 TUESDAY	20.03.2024 WEDNESDAY	21.03.2024 THURSDAY	22.03.2024 FRIDAY
08:30-09:15	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME	Functions of nephron Dr. Soug	Endocrine and Metabolic Changes in Pregnancy and Lactation Dr. Bediz
09:30-10:15	Histology of male reproductive system Dr. Ergür	Medical Ethics Principles	Functions of male gonads Dr. Erbaş	Glomerular filtration Dr. Soug	Neonatal Physiology and Growth Dr. Bediz
10:30-11:15	Histology of male reproductive system Dr. Ergür	Declarations of World Medical Association	Functions of kidney Dr. Soug	Adrenal Cortex Hormones Dr. Özkoç	Reuptake events in nephron Dr.Hanadi
11:30-12:15	Histology of male reproductive system Dr. Ergür	FREE STUDY TIME	Functions of kidney Dr. Soug	Adrenal Cortex Hormones Dr. Özkoç	Reuptake events in nephron Dr.Hanadi
13:30-14:15	Anatomy Lab 2	Histology Lab 2	Medical English Dr. Hossein Ardestani	Female Gonad Hormones Dr. Erbaş	Medical Action and Legal Responsibility of the Physician
14:30-15:15	Anatomy Lab 2	Histology Lab 2	Medical English Dr. Hossein Ardestani	Female Gonad Hormones Dr. Erbaş	Charter of Medical Deontology and Medical Ethics
15:30-16:15	Anatomy Lab 2	Histology Lab 2	Introduction Of Medicine Dr. Yaşöz	FREE STUDY TIME	TURKISH COMMUNICATION II Dr. Erkul
16:30-17:15	Anatomy Lab 2	Histology Lab 2	Introduction Of Medicine Dr. Yaşöz	FREE STUDY TIME	TURKISH COMMUNICATION II Dr. Erkul

5 th WEEK	25.03.2024 MONDAY	26.03.2024 TUESDAY	27.03.2024 WEDNESDAY	28.03.2024 THURSDAY	29.03.2024 FRIDAY
08:30-09:15	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME	Regulation of Acid-Base balance Dr.Sourg	FREE STUDY TIME
09:30-10:15	FREE STUDY TIME	FREE STUDY TIME	Renal mechanisms for diluting and concentrating urine Dr.Sourg	Importance of clearance in kidney functions Dr.Sourg	Clinical anatomy Dr. Sabetkam
10:30-11:15	Gonadal Hormones Dr. Kayrın	FREE STUDY TIME	Fluid electrolyte balance Dr.Sourg	Urine excretion and diuresis Dr.Sourg	Clinical anatomy Dr. Sabetkam
11:30-12:15	Gonadal Hormones Dr. Kayrın	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME
13:30-14:15	Histology Lab 3	Radiographic anatomy Dr. Dirik	Medical English Dr. Hossein Ardestani	Physiology Lab 3 All Lecturers	FREE STUDY TIME
14:30-15:15	Histology Lab 3	Radiographic anatomy Dr. Dirik	Medical English Dr. Hossein Ardestani	Physiology Lab 3 All Lecturers	FREE STUDY TIME
15:30-16:15	Histology Lab 3	FREE STUDY TIME	Introduction Of Medicine Dr. Yaşöz	Physiology Lab 3 All Lecturers	TURKISH COMMUNICATION II Dr. Erkul
16:30-17:15	Histology Lab 3	FREE STUDY TIME	Introduction Of Medicine Dr. Yaşöz	Physiology Lab 3 All Lecturers	TURKISH COMMUNICATION II Dr. Erkul

6 th WEEK	01.04.2024 MONDAY	02.04.2024 TUESDAY	03.04.2024 WEDNESDAY	04.04.2024 THURSDAY	05.04.2024 FRIDAY
08:30-09:15	Biochemistry Lab	PRACTICAL EXAM	PRACTICAL EXAM	PRACTICAL EXAM	THEORITICAL EXAM
09:30-10:15	Biochemistry Lab	PRACTICAL EXAM	PRACTICAL EXAM	PRACTICAL EXAM	THEORITICAL EXAM
10:30-11:15	Biochemistry Lab	PRACTICAL EXAM	PRACTICAL EXAM	PRACTICAL EXAM	THEORITICAL EXAM
11:30-12:15	Biochemistry Lab	PRACTICAL EXAM	PRACTICAL EXAM	PRACTICAL EXAM	THEORITICAL EXAM
13:30-14:15	Histology Lab 4	FREE STUDY TIME	Medical English Dr. Hossein Ardestani	PRACTICAL EXAM	FREE STUDY TIME
14:30-15:15	Histology Lab 4	FREE STUDY TIME	Medical English Dr. Hossein Ardestani	PRACTICAL EXAM	FREE STUDY TIME
15:30-16:15	Histology Lab 4	FREE STUDY TIME	Introduction Of Medicine Dr. Yaşöz	PRACTICAL EXAM	TURKISH COMMUNICATION II Dr. Erkul
16:30-17:15	Histology Lab 4	FREE STUDY TIME	Introduction Of Medicine Dr. Yaşöz	PRACTICAL EXAM	TURKISH COMMUNICATION II Dr. Erkul