# GAZI UNIVERSITY FACULTY OF MEDICINE

## **YEAR III, 2021-2022**

# ENDOCRINE, REPRODUCTIVE AND GENITOURINARY SYSTEMS COURSE COMMITTEE

February 07, March 18, 2022,

Examination: March 21, 2022

COURSES	THEORETICAL	PANEL	LAB	PRACTISE	TOTAL
PATHOLOGY	28				28
PHARMACOLOGY	18				18
INTERNAL MEDICINE	12				12
(Endocrinology )					
INTERNAL MEDICINE	13				13
(Nephrology )					
PEDIATRY	5				5
(Endocrinology )					
PEDIATRY	8				8
(Nephrology )					
UROLOGY	3				3
OBSTETRICS AND	11	1x4 hr			16
GYNECOLOGY		1X2 hr			
MICROBIOLOGY	7				7
BIOCHEMISTRY	8		2*		10
RADIOLOGY	4				4
NUCLEAR MEDICINE	3				3
MEDICAL GENETICS	4	1X2 hr			5
MEDICAL ETHICS AND	5				5
DEONTOLOGY					
PUBLIC HEALTH	3				3
TOTAL	132	6	2		140
ELECTIVE COURSE*	6X2*				12
MEDICAL ENGLISH*	6X2*				12
CLINICAL SKILLS				1x8	8
EDUCATION (CSE)					
TOTAL	24			8	32
Free Run Time	68				
GENERAL TOTAL	156	6	2	8	172

\*Online lessons Total: 30 work days

*Medical English(online):* Starting from February 28, 2022. It is every Wednesday between 6.00 pm and 6.40 pm. *Elective Course (online):* Starting from February 28, 2022. It is every Wednesday between 1.30 pm and 2.15 pm.

Dean	Prof.Dr. Mustafa Necmi İLHAN
Vice Dean	Prof.Dr. İlyas OKUR
Vice Dean	Prof.Dr. Özlem GÜZEL TUNÇCAN
Head Coordinator	Prof. Dr. Çiğdem ÖZER
Assistant Head Coordinator	Prof.Dr. M.Ali ERGÜN
Assistant Head Coordinator(Eng)	Prof.Dr. Akif Muhtar ÖZTÜRK
Assistant Head Coordinator	Assoc.Prof. Dr. Özlem COŞKUN
Phase III Coordinator	Assoc.Prof.Dr. N. Mutlu KARAKAŞ
Assistant Phase III Coordinator (Eng)	Assoc.Prof.Dr. Ergin DİLEKÖZ
Assistant Phase III Coordinator (Eng)	Assoc.Prof.Dr. Hale Z. BATUR ÇAĞLAYAN
Assistant Phase III Coordinator	Assoc.Prof.Dr. Mehmet Muhittin YALÇIN
Assistant Phase III Coordinator	Asist.Prof.Dr. Burak SEZENÖZ
Assistant Phase III Coordinator	Asist.Prof.Dr. Arda İNAN

Clinical Skills Education (CSE) Coordinator	Assoc.Prof.Dr. Melda AYBAR TÜRKOĞLU
Problem Based Learning (PBL) Coordinator	Assoc.Prof.Dr. Özlem COŞKUN
<b>Evidence Based Medicine (EBM) Coordinator</b>	Prof. Dr. Mehmet Ali ERGÜN
Elective Course Coordinator	Assoc.Prof.Dr. Ergin DİLEKÖZ
Medical English	Lecturer Sibel ÖZKIN

# MEMBERS OF COURSE COMMITTEE

OBSTETRICS AND GYNECOLOGY	INTERNAL MEDICINE	PEDIATRICS
Dr. R. Onur KARABACAK Dr. Anıl ONAN	Endocrinology	Pediatric Nephrology
Dr. Rıfat H. GÜRSOY Dr. M. Zeki TANER Dr.Merih BAYRAM Dr.Tuncay NAS Dr.Ahmet ERDEM Dr.Mehmet ERDEM	Dr.Füsun B. TÖRÜNER Dr.Müjde AKTÜRK Dr.Alev E. ALTINOVA Dr.M.Muhittin YALÇIN	Dr.Sevcan BAKKALOĞLU-EZGÜ Dr.Oğuz SÖYLEMEZOĞLU Dr.Kibriya FİDAN Dr.Bahar BÜYÜKKARAGÖZ
Dr.Nuray BOZKURT Dr.Mesut ÖKTEM	Nephrology	Pediatric Endocrinology
Dr. Deniz KARÇAALTINCABA Dr. İsmail GÜLER Dr.Erhan DEMİRDAĞ Dr.M.Funda CEVHER AKDULUM Dr.Esra İŞÇİ BOSTANCI	Dr.Yasemin ERTEN Dr.Galip GÜZ Dr. Ülver DERİCİ Dr.Kadriye ALTOK	Dr.Orhun ÇAMURDAN

MEDICAL ETHICS DEONTOLOGY	UROLOGY	PHARMACOLOGY	PATHOLOGY	MICROBIOLOGY
Dr.Nesrin ÇOBANOĞLU	Dr.Bora KÜPELİ Dr. Ö. Serhat GÜROCAK Dr.Serhat ÇETİN	Dr.Çimen KARASU Dr.Süreyya BARUN Dr.Ergin DİLEKÖZ	Dr.Aylar POYRAZ Dr. Özlem ERDEM Dr.İpek IŞIK GÖNÜL Dr.Pınar UYAR GÖÇÜN Dr. Arda İNAN	Dr.Kayhan ÇAĞLAR Dr.Meltem YALINAY Dr. Ayşe KALKANCI
NUCLEAR MEDICINE	BIOCHEMISTRY	RADIOLOGY	PUBLIC HEALTH	MEDICAL GENETICS
Dr.Neşe İLGİN KARABACAK Dr.Ü.Özgür AKDEMİR	Dr. Neslihan BUKAN Dr.Aylin SEPİCİ DİNÇEL Dr.Orhan CANBOLAT	Dr.Öznur KONUŞ BOYUNAĞA Dr.Cem YÜCEL Dr.Serap GÜLTEKİN	Dr.Nur BARAN- AKSAKAL Dr.Asiye UĞRAŞ- DİKMEN	Dr.Meral YİRMİBEŞ KARAOĞUZ Dr.Mehmet Ali ERGÜN Dr.Gülsüm KAYHAN

#### AIM AND LEARNING OBJECTIVES FOR COURSE COMITTEE

### Aim:

At the end of 33 working days, the students are expected; to gain knowledge about the clinical physiology of endocrine, reproductive, genital and urinary systems, to comprehend the basic concepts regarding the pathology, biochemistry, mechanisms of diseases and causes of illnesses, infectious agents, clinical features, laboratory and imaging findings, required pharmacological approach and the drugs used for the treatment of the diseases of these systems.

### **Learning Objectives:**

## **Knowledge:**

- **LO-300-5-1** To be able to define terminology and symptomatology of endocrine, reproductive and urinary systems.
- **LO-300-5-2** To be able to explain the hormonal physiology of the pituitary gland and hypothalamus, the pharmacological properties of hormones, the formation, pathology and clinical findings of the diseases of these structures, in childhood and adulthood.
- **LO-300-5-3** To be able to list the functional physiology of the thyroid gland and the effects of hormones in childhood and adulthood, to classify diseases associated with thyroid gland and define the mechanisms of formation, to explain pathologies, clinical features and diagnostic methods of these diseases.
- LO-300-5-4 To be able to describe and explain the formation mechanisms, laboratory and imaging findings and clinical features of diseases of calcium metabolism, and the drugs used in the treatment of mineral disorders in adults.
- **LO-300-5-5** To be able to explain the underlying mechanisms, biochemistry, pathology and clinical features of congenital and acquired diseases of the adrenal cortex and medulla and recite the corticosteroid and mineralocorticoid drugs used in the treatment of these diseases.

- **LO-300-5-6** To be able to explain the mechanism of formation, the biochemistry, pathology and the clinical findings of diseases of the glucose metabolism, in childhood and adulthood.
- **LO-300-5-7** To be able to list acute and long-term complications of diabetes mellitus and to be able to explain its clinical features, to be able to list pharmacological properties of insulin hormone and drugs used in the treatment of diabetes mellitus.
- **LO-300-5-8** To be able to list the causes of obesity in childhood and adulthood and explain the mechanism of formation, to describe neuroendocrine control of energy metabolism and cite antiobesity drugs, to be able to comprehend the importance of obesity in terms of public health, to be aware of the problems occurring due to obesity, and to possess the knowledge of taking necessary precautions regarding public health.
- **LO-300-5-9** To be able to explain the physiology of growth and to describe its disorders to be able to list the physiological properties of puberty and to define disorders of puberty, to be able to explain biochemistry of disorders of gonadal hormones, to list the causes of male hypogonadism and define clinical its features.
- **LO-300-5-10** To be able to classify and describe diseases of menstruation and ovulation disorders.
- **LO-300-5-11** To be able to classify and describe the inflammatory and neoplastic diseases of female genital system organs and define pathological features, to be able to define the symptoms in gynecology, to be able to list the diagnostic methods based on clinical and imaging findings.
- **LO-300-5-12** To be able to explain physiology of fetus and placenta, to be able to classify and describe placental and trophoblastic diseases
- **LO-300-5-13** To be able to explain the physiology of pregnancy, the physiology of lactation, and the genesis of pregnancy, to be able to list pregnancy screening and prenatal diagnostic tests.
- **LO-300-5-14** To be able to explain normal delivery physiology and mechanisms of labor.
- **LO-300-5-15** To be able to explain reproductive physiology, define and classify infertility, explain diagnosis methods, to be able to be aware of the concept of gender in sociological terms, to label the significance of reproductive health and its problems.
- **LO-300-5-16** To be able to define, list and explain birth control methods, to be able to classify and name the pharmacological agents used in contraception, to be able to explain the methods for genetic counseling.
- **LO-300-5-17** To be able to describe the tests used in the diagnostic approach to kidney diseases, to be able to understand the evaluation of urinary system symptomatology, to be able to explain renal hemodynamics and urine formation.
- **LO-300-5-18** To be able to define and interpret the mechanisms that form acid-base balance, to be able to describe and interpret liquid and electrolyte system disorders, to be able to explain the mechanism of action, pharmacokinetics, toxic effects, drug interactions and clinical applications of diuretics and the drugs used in the treatment of fluid-electrolyte and acid-base balance disorders.
- **LO-300-5-19** To be able to evaluate the pathologies of urinary system diseases, to be able to define the diagnosis, pathology and clinical findings of glomerular diseases, to be able to enumerate the congenital anomalies of the urinary system and recall their diagnosis.
- **LO-300-5-20** To be able to know the approach to proteinuria and haematuria patients, to be able to know the approach to a patient with edema, to be able to interpret the underlying mechanisms of hypertension, to distinguish between primary and secondary causes, to select and interpret the tests for the identification of secondary causes.

- **LO-300-5-21** To be able to define cause-and-effect relationships of acute and chronic renal failure.
- **LO-300-5-22** To be able to recall specific and nonspecific infections of the urinary system, to be able to tell the types of urinary system stones and to define clinical manifestations, to be able to have knowledge about pathologies of the urogenital system tumors.
- **LO-300-5-23** To be able to label and interpret the imaging methods used in the diagnosis of urinary system diseases.

#### **Attitude:**

**LO-300-5-24** To be able to comprehend the importance of diseases of endocrine, genital, urinary and reproductive systems, to be able to have a diagnostic approach and to develop a perspective of preventive medicine, to be able to recognize and distinguish the symptoms of the diseases and understand their importance.

#### **Skillss:**

- **LO-300-5-25** To be able to carry out the laboratory diagnosis of infectious microorganisms of the genitourinary system.
- **LO-300-5-26** To be able to perform urinary system, breast and axillary examinations, to be able to perform the suturing and urinary catheter insertion Skillss
- **LO-300-5-27** To be able to employ complete urine evaluation with urine strips and microscopy.

	7 Feb 2022 Monday	8 Feb 2022 Tuesday	9 Feb 2022 Wednesday	10 Feb 2022 Thursday	11 Feb 2022 Friday
08:30- 09:15	Free Run-Time	Acid base balance Dr.G.Güz	Free Run-Time	Free Run-Time	Free Run-Time
09:30- 10:15	Symptomatology of urinary tract Dr.G.Güz	Acid base balance Dr.G.Güz	Diabetic nephropathy Dr. K.Altok	Pathology of renal cystic diseases and tumors Dr. İ.Isik Gönül	Physiopathology of acute renal failure  Dr.Y.Erten
10:30- 11:15	Disorders of electrolyte homeostasis Dr.B. Büyükkaragöz	Pathology of glomerular diseases with proteiuria Dr.I.Işık Gönül	Diuretic Agents Dr.S.Barun	Pathology of renal cystic diseases and tumors Dr. İ.Isik Gönül	Physiopathology of acute renal failure  Dr.Y.Erten
11:30- 12:15	Disorders of electrolyte homeostasis Dr.B. Büyükkaragöz	Pathology of glomerular diseases with proteiuria Dr.I.Işık Gönül_	Diuretic Agents Dr.S.Barun	Pathology of Cystitis and urinary bladder tumors Dr.İ.Isik Gönül	Physiopathology of urinary obstructions Dr.S.Gürocak
13:30- 14:15	Kidney function tests	Pathogenesis of edema	Renal involvement in systemic diseases	Hypertension and its etiopathogenesis	Physiopathology of chronic renal failure
	Dr.O.Canbolat	Dr.Y. Erten	Dr. O. Söylemezoğlu	Dr.K.Altok	Dr.U.Derici
14:30- 15:15	Kidney function tests	Nefrotic syndrome	Renal involvement in systemic diseases	Hypertension and its etiopathogenesis Dr.K.Altok	Physiopathology of chronic renal failure
	Dr.O.Canbolat	Dr.K.Fidan	Dr. O. Söylemezoğlu		Dr.U.Derici
15:30- 16:15	Drugs used in fluid and electrolyte disorders	Nefrotic syndrome Dr.K.Fidan	Pathology of glomerular diseases with hematuria	Introduction to glomerular and tubular disorders Dr.S.B. Ezgü	Renal diseases and pregnancy Dr.Ü.Derici
	Dr.E.Dileköz		Dr.İ.Isik Gönül	3	
16:30- 17:15	Year III Coordinator Feedback Meeting	Free Run-Time	Pathology of vascular kidney diseases	Introduction to glomerular and tubular disorders	Free Run-Time
			Dr.İ.Isik Gönül	Dr.S.B Ezgü	

	14 Feb 2022 Monday	15 Feb 2022 Tuesday	16 Feb 2022 Wednesday	17 Feb 2022 Thursday	18 Feb 2022 Friday
08:30- 09:15	Free Run-Time	Free Run-Time	Biochemistry of diabetes Dr.A.Sepici Dinçel	Free Run-Time	Free Run-Time
09:30- 10:15	Pathology of tubulointerstitial diseases	Pathology of diseases of prostate gland	Diagnosis and types of diabetes mellitus  Dr.A. Altınova	Pathology of pituitary gland diseases	Obesity in childhood
	Dr.İ.Isik Gönül	Dr.İ.Isik Gönül	Di.i. i. iiiiiova	Dr.A.Poyraz	Dr. O. Çamurdan
10:30- 11:15	Pathology of tubulointerstitial diseases Dr.İ.Isik Gönül	Pathology of testis and epidydimis Dr.İ.Isik Gönül	Etiopathogenesis and clinical finding of diabetes mellitus Dr.A. Altınova	Pathology of endocrine pancreas  Dr. M.Arda İnan	Hypoglycemia during childhood Dr.O. Çamurdan
11:30- 12:15	Congenital abnormalities of the kidneys and vesicoureteral reflux Dr.İ.Isik Gönül	Pathology of testis and epidydimis Dr.İ.Isik Gönül	Acute and chronic complications of diabetes mellitus  Dr.A.Eroğlu Altınova	Obesity and Prevention Methods Dr.F.N.Baran Aksakal	Pituitary diseases Dr.M.M.Yalçın
13:30- 14:15	Tubulointerstitial diseases Dr.G.Güz	Drugs used in urinary infections  Dr.S.Barun	Obesity in adults, Cushing syndrome- Metabolic syndrome Dr.M.M.Yalçın	Insulin, oral antidiabetic drugs and pharmacology of endocrine pancreas Dr.Ç.Karasu	Neuroendocrine regulation of energy metabolism and antiobesity drugs Dr.Ç.Karasu
14:30- 15:15	Physiopathology of urinary stone diseases Dr.B.Küpeli	Radiology of the urinary system  Dr.C.Yücel	Symptomatology of endocrin system  Dr.M.M.Yalçın	Insulin, oral antidiabetic drugs and pharmacology of endocrine pancreas Dr.Ç.Karasu	Neuroendocrine regulation of energy metabolism and antiobesity drugs Dr.Ç.Karasu
15:30- 16:15	Physiopathology of non-specific urinary tract infections Dr.S.Çetin	Urinary system and nuclear medicine Dr.U.O.Akdemir	Inherited Metabolic Diseases Dr.M.M.Yalçın	Principles of endocrine pharmacology and mechanisms of hormone action Dr.Ç.Karasu	Neuroendocrine regulation of energy metabolism and antiobesity drugs Dr.Ç.Karasu
16:30- 17:15	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time

	21 Feb 2022 Monday	22 Feb 2022 Tuesday	23 Feb 2022 Wednesday	24 Feb 2022 Thursday	25 Feb 2022 Friday
08:30- 09:15	Free Run-Time	Childhood thyroid disease  Dr.O. Çamurdan	Free Run-Time	Free Run-Time	
09:30- 10:15	Drugs related with prolactin, growth hormone and antidiuretic hormone  Dr. Ç. Karasu	Euthyroid goiter, thyroid nodules and thyroid cancer Dr.F.B. Törüner	Biochemistry of adrenal glands disorders Dr.N.Bukan	Adrenal insufficiency in childhood Dr.O.Çamurdan	YEAR I COURSE
10:30- 11:15	Biochemistry of well-fed state and starvation Dr.A. Sepici Dinçel	Hypothyroidism and thyroiditis  Dr.F.B. Törüner	Pathology of adrenal gland diseases Dr.A.Poyraz	Congenital adrenal hyperplasia Dr.O. Çamurdan	EXAM
11:30- 12:15	Biochemistry of well-fed state and starvation Dr.A. Sepici Dinçel	Hyperthyroidism  Dr.F.B. Törüner	Pathology of adrenal gland diseases  Dr.A.Poyraz	Basic radiological findings in endocrine diseases Dr.Ö.K.Boyunağa	
13:30- 14:15	Biochemistry of thyroid diseases Dr.N.Bukan	Thyroid and anti- thyroid drugs Dr.Ç.Karasu	Biochemistry of gonadal hormon disorders  Dr.A.Sepici Dinçel	Keeping medical secrets and confidentiality principle ( Legal, deontological and ethical aspects) Dr.N.Çobanoğlu	Free Run-Time
14:30- 15:15	Pathology of thyroid diseases Dr.A.Poyraz	Endocrine system and nuclear medicine Dr.U.O.Akdemir	Adrenocorticosteroi ds: Their Syntetic analogs and adrenocortical antagonists Dr.Ç.Karasu	Physician-patient relationship in the light of medical ethics Dr.N.Çobanoğlu	Free Run-Time
15:30- 16:15	Pathology of thyroid diseases Dr.A.Poyraz	Radionucleide therapy in thyroid pathology Dr.N.İ. Karabacak	Androgens, antiandrogens and anabolic steroids Dr.Ç.Karasu	Genetic aspects of growth retardation  Dr.G.Kayhan	Free Run-Time
16:30- 17:15	Free Run-Time	Free Run-Time	Free Run-Time	Genetic aspects of overgrowth Dr.G.Kayhan	Free Run-Time

	28 Feb 2022 Monday	01 Mar 2022 Tuesday	02 Mar 2022 Wednesday	03 Mar 2022 Thursday	4 Mar 2022 Friday
08:30- 09:15	Free Run-Time		Free Run-Time	Free Run-Time	
09:30- 10:15		PANEL  Congenital fetal anomalies and teratology	Hyperemesis gravidarum Dr.T.Nas	LABORATORY  * Medical Biochemistry	YEAR II
10:30- 11:15	Hypo and hypercalcemia Dr.M.Aktürk	Dr.M.F:Cevher Akdulum Dr. M.A.Ergün	Genetic aspects of prenatal diagnosis Dr.M.Y.Karaoğuz	Urine dipsticks and microscopy Dr.A.Sepici Dinçel	COURSE EXAM
11:30- 12:15	Pathology of parathyroid diseases Dr.A.Poyraz		Genetic approach of ambiguous genitalia Dr.G.Kayhan	2 mgci	
	Drugs affecting	Current view of		Problems in early	
13:30- 14:15	bone mineral homeostasis Dr.Ç.Karasu	amenorrhea  Dr.R.Gürsoy	ELECTIVE COURSE	pregnancy Dr.D. Karcaaltıncaba	Free Run-Time
14:30- 15:15	Management of high-risk pregnancies Dr. M.Bayram	Normal and abnormal labor Dr.M.Z.Taner	Free Run-Time	Oxytocic and tocolytic drugs Dr.Ç.Karasu	Free Run-Time
15:30- 16:15	Abnormal uterine bleeding  Dr.E.Demirdağ	Family planning and contraception  Dr.O.Karabacak	Free Run-Time	Contraceptive drugs Dr.Ç. Karasu	Free Run-Time
16:30- 17:15	Evaluation of a couple with infertilility  Dr.A.Erdem	Hypogonadism Dr.M.Aktürk	18:00-18:40 MEDICAL ENGLISH	Gonadal hormones and inhibitors (Estrogens and progestins) Dr.Ç.Karasu	Free Run-Time

	07 Mar 2022 Monday	08 Mar 2022 Tuesday	09 Mar 2022 Wednesday	10 Mar 2022 Thursday	11 Mar 2022 Friday
08:30- 09:15		PANEL	Free Run-Time	Free Run-Time	Free Run-Time
09:30- 10:15	CLINICAL	Stages of life of a woman (intrauterine,	Pathology of diseases of vulva and vagina	Gestational and trophoblastic diseases	Pathology of breast diseases Dr.P.U.Göçün
	SKILLS	pediatric,	Dr.Ö.Erdem	Dr.Ö.Erdem	
10:30-	EDUCATION	adolescent, reproductive, postmenopausal	Pathology of diseases of cervix	Pathology of uterus and fallopian tubes	Pathology of breast diseases,
11:15		terms)	Dr.Ö.Erdem	Dr.Ö.Erdem	Dr.P.U.Göçün
11:30-		Dr. M.Erdem Dr.M.Öktem Dr. İ.Güler	Ovarian tumors  Dr.Ö.Erdem	Pathology of uterus and fallopian tubes	Radiology of the breast
12:15			Di.O.Eideili	Dr.Ö.Erdem	Dr.S. Gültekin
13:30- 14:15		Chronic pelvic pain and dysmenorrhea  Dr.N.Bozkurt	ELECTIVE COURSE	Menagement of pelvic masses Dr.A.Onan	Respect for life principles; definition of death, euthanasia, life support, abortion
14:30- 15:15	CLINICAL SKILLS EDUCATION	Gender Mainstreaming Dr. A.U. Dikmen	Free Run-Time	Radiology of the reproductive organs Dr.C.Yücel	Dr.N.Çobanoğlu  Contemporary ethical issues, birth control, asisted reproductive techniques, abortion Dr.N.Çobanoğlu
15:30- 16:15		Reproductive Health Dr. A.U. Dikmen	Free Run-Time	Free Run-Time	Ethical aspects of genetic applications  Dr.N.Çobanoğlu
16:30- 17:15		Free Run-Time	18:00-18:40 MEDICAL ENGLISH	Free Run-Time	Free Run-Time

	14 Mar 2022 Monday	15 Mar 2022 Tuesday	16 Mar 2022 Wednesday	17 Mar 2022 Thursday	18 Mar 2022 Friday
08:30- 09:15	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time
09:30- 10:15	Genital infections and sexually transmitted diseases Dr.E.İşçi Bostancı	Viral agents of the genitourinary tra ct infection 1: HPV Dr.M.Yalınay	Free Run-Time	Free Run-Time	Free Run-Time
10:30- 11:15	Bacterial agents of the genitourinary tra ct infection 1: Neissseria gonorrhoae, Chlamydia Dr.M.Yalınay	Viral agents of the genitourinary tra ct infection 2: Herpesvirus Dr.M.Yalınay	Free Run-Time	Free Run-Time	Free Run-Time
1:30- 12:15	Bacterial agents of the genitourinary tra ct infection 2: Mycoplasma, Ureoplasma  Dr.M.Yalınay	Fungal and parasitic agents of the genitourinary tra ct infection: Trichomonas and Candida Dr.A.Kalkancı	Free Run-Time	Free Run-Time	Free Run-Time
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13:30- 14:15	Rubella virus Dr. K.Çağlar	Free Run-Time	ELECTIVE COURSE	Free Run-Time	Free Run-Time
14:30- 15:15	Toxoplasma Dr. K.Çağlar	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time
15:30- 16:15	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time
16:30- 17:15	Free Run-Time	Free Run-Time	18:00-18:40 MEDICAL ENGLISH	Free Run-Time	Free Run-Time

**EXAM:** March 21, 2022 09.30 a.m.