

GAZI UNIVERSITY FACULTY OF MEDICINE

YEAR III, 2022-2023

ENDOCRINE, REPRODUCTIVE AND GENITOURINARY SYSTEMS COURSE

COMMITTEE

January 20, March 17, 2023,

Examination: March 20, 2023

COURSES	THEORETICAL	PANEL	LAB	PRACTISE	TOTAL
PATHOLOGY	28				28
PHARMACOLOGY	18				18
INTERNAL MEDICINE (Endocrinology)	12				12
INTERNAL MEDICINE (Nephrology)	13				13
PEDIATRY (Endocrinology)	5				5
PEDIATRY (Nephrology)	8				8
UROLOGY	3				3
OBSTETRICS AND GYNECOLOGY	11	2x2 hr			16
MICROBIOLOGY	7				7
BIOCHEMISTRY	8		2		10
RADIOLOGY	4				4
NUCLEAR MEDICINE	3				3
MEDICAL GENETICS	4	1X2 hr			5
MEDICAL ETHICS AND DEONTOLOGY	5				5
PUBLIC HEALTH	3				3
TOTAL	132	6	2		140
ELECTIVE COURSE	6X2				12
MEDICAL ENGLISH	6X2				12
COMMUNICATION SKILLS				6x2	12
CLINICAL SKILLS EDUCATION (CSE)				3x2	6
TOTAL	24			18	42
Free Run Time	46				
GENERAL TOTAL	156	6	2	8	172

Total: 30 work days

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
Evidence Based Medicine (EBM) Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Elective Course Coordinator	Assoc.Prof.Dr. Ergin DİLEKÖZ
Medical English	Lecturer Elif KONAK BABAL

MEMBERS OF COURSE COMMITTEE

OBSTETRICS AND GYNECOLOGY		INTERNAL MEDICINE		PEDIATRICS	
Dr. R. Onur KARABACAK Dr. Anıl ONAN Dr. M. Zeki TANER Dr.Tuncay NAS Dr.Ahmet ERDEM Dr.Mehmet ERDEM Dr.Nuray BOZKURT Dr.Mesut ÖKTEM Dr. Deniz KARÇAALTINCABA Dr. İsmail GÜLER Dr.Erhan DEMİRDAĞ Dr.M.Funda C. AKDULUM Dr.Esra İŞÇİ BOSTANCI		Endocrinology		Pediatric Nephrology	
		Dr.Füsun B. TÖRÜNER Dr.Müjde AKTÜRK Dr.M.Muhittin YALÇIN Dr.Ethem Turgay CERİT		Dr.Sevcan BAKKALOĞLU-EZGÜ Dr.Oğuz SÖYLEMEZOĞLU Dr.Kibriya FİDAN Dr.Bahar BÜYÜKKARAGÖZ	
		Nephrology		Pediatric Endocrinology	
		Dr.Yasemin ERTEN Dr.Galip GÜZ Dr. Ülver DERİCİ Dr.Özant HELVACI		Dr.Orhun ÇAMURDAN	
MEDICAL ETHICS DEONTOLOGY	UROLOGY	MEDICAL PHARMACOLOGY	MEDICAL PATHOLOGY	MEDICAL MICROBIOLOGY	
Dr.Nesrin ÇOBANOĞLU	Dr.Bora KÜPELİ Dr. Ö. Serhat GÜROCAK Dr.Serhat ÇETİN	Dr.Çimen KARASU Dr.Ergin DİLEKÖZ	Dr.Aylar POYRAZ Dr. Özlem ERDEM Dr.İpek IŞIK GÖNÜL Dr.Pınar U. GÖÇÜN Dr. Arda İNAN	Dr.Kayhan ÇAĞLAR Dr.Meltem YALINAY Dr. Ayşe KALKANCI	
NUCLEAR MEDICINE	MEDICAL 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 K. BOYUNAĞA Dr.Serap GÜLTEKİN Dr.Halit ŞENDUR	Dr.Asiye U.DİKMEN Dr.Cansu ÖZBAŞ	Dr.Meral YİRMİBEŞ KARAOĞUZ Dr.Mehmet Ali ERGÜN Dr.Gülsüm KAYHAN	

AIM AND LEARNING OBJECTIVES FOR COURSE COMMITTEE

Aim:

At the end of 30 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.

Skills:

- 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 Skills
- LO-300-5-27** To be able to employ complete urine evaluation with urine strips and microscopy

	6 Feb 2023 Monday	7 Feb 2023 Tuesday	8 Feb 2023 Wednesday	9 Feb 2023 Thursday	10 Feb 2023 Friday
08.30 - 09.20	Year III Coordinator Feedback Meeting	Acid base balance Dr.G.Güz	Pathogenesis of edema Dr.Y. Erten	Free Run-Time	Physiopathology of chronic renal failure Dr.Ö.Helvacı
09.30 - 10.20	Symptomatology of urinary tract Dr.G.Güz	Acid base balance Dr.G.Güz	Drugs used in fluid and electrolyte disorders Dr.E.Dileköz	Pathology of tubulointerstitial diseases Dr.İ.Isik Gönül	Physiopathology of chronic renal failure Dr.Ö.Helvacı
10.30 - 11.20	Kidney function tests Dr.O.Canbolat	Renal involvement in systemic diseases Dr. O. Söylemezoğlu	Nefrotic syndrome Dr.K.Fidan	Pathology of tubulointerstitial diseases Dr.İ.Isik Gönül	Diabetic nephropathy Dr.Ö.Helvacı
11.30 - 12.20	Kidney function tests Dr.O.Canbolat	Renal involvement in systemic diseases Dr. O. Söylemezoğlu	Nefrotic syndrome Dr.K.Fidan	Congenital abnormalities of the kidneys and vesicoureteral reflux Dr.İ.Isik Gönül	Tubulointerstitial diseases Dr.G.Güz
13.30 - 14.20	Disorders of electrolyte homeostasis Dr.B. Büyükkaragöz	COMMUNICATION SKILLS TEORİK DERS (Türkçe ve İngilizce grup birlikte) Dekanlık 6. Kat toplantı salonu	Pathology of glomerular diseases with hematuria Dr.İ.Isik Gönül	Hypertension and its etiopathogenesis Dr.Ö.Helvacı	Renal diseases and pregnancy Dr.Ü.Derici
14.30 - 15.20	Disorders of electrolyte homeostasis Dr.B. Büyükkaragöz	COMMUNICATION SKILLS TEORİK DERS (Türkçe ve İngilizce grup birlikte) Dekanlık 6. Kat toplantı salonu	Pathology of vascular kidney diseases Dr.İ.Isik Gönül	Hypertension and its etiopathogenesis Dr.Ö.Helvacı	Diuretic Agents Dr.E.Dileköz
15.30 - 16.20	Pathology of glomerular diseases with proteiuria Dr.I.İşık Gönül	Introduction to glomerular and tubular disorders Dr.S.B. Ezgü	Free Run-Time	Physiopathology of acute renal failure Dr. Y.Erten	Diuretic Agents Dr.E.Dileköz
16.30 - 17.20	Pathology of glomerular diseases with proteiuria Dr.I.İşık Gönül	Introduction to glomerular and tubular disorders Dr.S.B Ezgü	Free Run-Time	Physiopathology of acute renal failure Dr. Y.Erten	Free Run-Time

	13 Feb 2023 Monday	14 Feb 2023 Tuesday	15 Feb 2023 Wednesday	16 Feb 2023 Thursday	17 Feb 2023 Friday
08.30-09.20	Pathology of renal cystic diseases and tumors Dr. İ.Isik Gönül	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time
09.30-10.20	Pathology of renal cystic diseases and tumors Dr. İ.Isik Gönül	Pathology of diseases of prostate gland Dr.İ.Isik Gönül	Diagnosis and types of diabetes mellitus Dr.E.T. Cerit	Obesity and Prevention Methods Dr.C.Özbaş	Neuroendocrine regulation of energy metabolism and antiobesity drugs Dr.Ç.Karasu
10.30-11.20	Pathology of Cystitis and urinary bladder tumors Dr.İ.Isik Gönül	Pathology of testis and epididymis Dr.İ.Isik Gönül	Etiopathogenesis and clinical finding of diabetes mellitus Dr.E.T. Cerit	Obesity in adults, Cushing syndrome-Metabolic syndrome Dr.M.M.Yalçın	Neuroendocrine regulation of energy metabolism and antiobesity drugs Dr.Ç.Karasu
11.30-12.20	Drugs used in urinary infections Dr.E.Dileköz	Pathology of testis and epididymis Dr.İ.Isik Gönül	Acute and chronic complications of diabetes mellitus Dr.E.T. Cerit	Symptomatology of endocrine system Dr.M.M.Yalçın	Neuroendocrine regulation of energy metabolism and antiobesity drugs Dr.Ç.Karasu
13.30-14.20	Physiopathology of urinary stone diseases Dr.B.Küpelı	Radiology of the urinary system Dr.H.Şendur	Principles of endocrine pharmacology and mechanisms of hormone action Dr.Ç.Karasu	Pathology of pituitary gland diseases Dr.A.Poyraz	Obesity in childhood Dr. O. Çamurdan
14.30-15.20	Physiopathology of non-specific urinary tract infections Dr.S.Çetin	Biochemistry of diabetes Dr.A.Sepici Dinçel	Insulin, oral antidiabetic drugs and pharmacology of endocrine pancreas Dr.Ç.Karasu	Pituitary diseases Dr.M.M.Yalçın	Hypoglycemia during childhood Dr.O. Çamurdan
15.30-16.20	Physiopathology of urinary obstructions Dr.S.Gürocak	Pathology of endocrine pancreas Dr. M.Arda İnan	Insulin, oral antidiabetic drugs and pharmacology of endocrine pancreas Dr.Ç.Karasu	Free Run-Time	Childhood thyroid disease Dr.O. Çamurdan
16.30-17.20	Free Run-Time	Urinary system and nuclear medicine Dr.U.O.Akdemir	Free Run-Time	Free Run-Time	Free Run-Time

	20 Feb 2023 Monday	21 Feb 2023 Tuesday	22 Feb 2023 Wednesday	23 Feb 2023 Thursday	24 Feb 2023 Friday
08.30 - 09.20	Free Run-Time	YEAR I COURSE EXAM	Thyroid and anti- thyroid drugs Dr.Ç.Karasu	Biochemistry of adrenal glands disorders Dr.N.Bukan	Free Run-Time
09.30 - 10.20	Biochemistry of thyroid diseases Dr.N.Bukan		Drugs related with prolactin, growth hormone and antidiuretic hormone Dr. Ç. Karasu	Biochemistry of gonadal hormon disorders Dr.A.Sepici Dinçel	Adrenocorticosteroids: Their Synthetic analogs and adrenocortical antagonists Dr.E.Dileköz
10.30 - 11.20	Pathology of thyroid diseases Dr.A.Poyraz		Biochemistry of well-fed state and starvation Dr.A. Sepici Dinçel	Pathology of adrenal gland diseases Dr.A.Poyraz	Androgens, antiandrogens and anabolic steroids Dr.E.Dileköz
11.30 - 12.20	Pathology of thyroid diseases Dr.A.Poyraz		Biochemistry of well-fed state and starvation Dr.A. Sepici Dinçel	Pathology of adrenal gland diseases Dr.A.Poyraz	Basic radiological findings in endocrine diseases Dr.Ö.K.Boyunağa
13.30 - 14.20	Euthyroid goiter, thyroid nodules and thyroid cancer Dr.F.B. Törüner	COMMUNICATION SKILLS	MEDICAL ENGLISH	Endocrine system and nuclear medicine Dr.U.O.Akdemir	Adrenal insufficiency in childhood Dr.O.Çamurdan
14.30 - 15.20	Hypothyroidism and thyroiditis Dr.F.B. Törüner		MEDICAL ENGLISH	Radionuclide therapy in thyroid pathology Dr.N.İ. Karabacak	Congenital adrenal hyperplasia Dr.O.Çamurdan
15.30 - 16.20	Hyperthyroidism Dr.F.B. Törüner		ELECTIVE COURSE	Keeping medical secrets and confidentiality principle (Legal, deontological and ethical aspects) Dr.N.Çobanoğlu	Genetic aspects of growth retardation Dr.G.Kayhan
16.30 - 17.20	Free Run-Time		ELECTIVE COURSE	Physician-patient relationship in the light of medical ethics Dr.N.Çobanoğlu	Genetic aspects of overgrowth Dr.G.Kayhan

	27 Feb 2023 Monday	28 Feb 2023 Tuesday	01 Mar 2023 Wednesday	02 Mar 2023 Thursday	03 Mar 2023 Friday
08.30 - 09.20	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time	Hyperemesis gravidarum Dr.T.Nas
09.30 - 10.20	Pathology of parathyroid diseases Dr.A.Poyraz	Drugs affecting bone mineral homeostasis Dr.E.Dileköz	Evaluation of a couple with infertility Dr.A.Erdem	Chronic pelvic pain and dysmenorrhea Dr.E.İşçi Bostancı	Oxytocic and tocolytic drugs Dr.Ç.Karasu
10.30 - 11.20	Hypo and hypercalcemia Dr.E.T.Cerit	Problems in early pregnancy Dr.D. Karçaaltıncaba	Normal and abnormal labor Dr.M.Z.Taner	Current view of amenorrhea Dr.N.Bozkurt	Contraceptive drugs Dr.E.Dileköz
11.30 - 12.20	Hypogonadism Dr.M Aktürk	Management of high-risk pregnancies Dr. F.C. Akdulum	Family planning and contraception Dr.O.Karabacak	Abnormal uterine bleeding Dr.E.Demirdağ	Gonadal hormones and inhibitors (Estrogens and progestins) Dr.E.Dileköz
13.30 - 14.20	PROBLEM BASED LEARNING	COMMUNICATION SKILLS	MEDICAL ENGLISH	PANEL Congenital fetal anomalies and teratology Dr.M.F:Cevher Akdulum Dr. M.A.Ergün	PANEL Stages of life of a woman (intrauterine, pediatric, adolescent, reproductive, postmenopausal terms) Dr. M.Erdem Dr.M.Öktem Dr. İ.Güler
14.30 - 15.20			MEDICAL ENGLISH		
15.30 - 16.20			ELECTIVE COURSE	Genetic aspects of prenatal diagnosis Dr.M.Y.Karaoğ uz	Gender Mainstreaming Dr. A.U. Dikmen
16.30 - 17.20			ELECTIVE COURSE	Genetic approach of ambiguous genitalia Dr.G.Kayhan	Reproductive Health Dr. A.U. Dikmen

	06 Mar 2023 Monday	07 Mar 2023 Tuesday	08 Mar 2023 Wednesday	09 Mar 2023 Thursday	10 Mar 2023 Friday
08.30 - 09.20	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time	LABORATORY Medical Biochemistry
09.30 - 10.20	Pathology of diseases of vulva and vagina Dr.Ö.Erdem	Gestational and trophoblastic diseases Dr.Ö.Erdem	Menagement of pelvic masses Dr.A.Onan	Pathology of breast diseases Dr.P.U.Göçün	LABORATORY Medical Biochemistry
10.30 - 11.20	Pathology of diseases of cervix Dr.Ö.Erdem	Pathology of uterus and fallopian tubes Dr.Ö.Erdem	Bacterial agents of the genitourinary tract infection 1: Neissseria gonorrhoeae, Chlamydia Dr.M.Yalınay	Pathology of breast diseases, Dr.P.U.Göçün	LABORATORY Medical Biochemistry
11.30 - 12.20	Ovarian tumors Dr.Ö.Erdem	Pathology of uterus and fallopian tubes Dr.Ö.Erdem	Bacterial agents of the genitourinary tract infection 2: Mycoplasma, Ureoplasma Dr.M.Yalınay	Radiology of the breast Dr.S. Gültekin	LABORATORY Medical Biochemistry
13.30 - 14.20	PROBLEM BASED LEARNING	COMMUNICATION SKILLS	MEDICAL ENGLISH	Rubella virus Dr. K.Çağlar	LABORATORY Medical Biochemistry
14.30 - 15.20			MEDICAL ENGLISH	Toxoplasma Dr. K.Çağlar	LABORATORY Medical Biochemistry
15.30 - 16.20			ELECTIVE COURSE	Radiology of the reproductive organs Dr.H.Şendur	LABORATORY Medical Biochemistry
16.30 - 17.20			ELECTIVE COURSE	Free Run-Time	LABORATORY Medical Biochemistry

	13 Mar 2023 Monday	14 Mar 2023 Tuesday	15 Mar 2023 Wednesday	16 Mar 2023 Thursday	17 Mar 2023 Friday
08.30 - 09.20	Viral agents of the genitourinary tract infection 1: HPV Dr.M.Yalınay	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time
09.30 - 10.20	Viral agents of the genitourinary tract infection 2: Herpesvirus Dr.M.Yalınay	Respect for life principles; definition of death, euthanasia, life support, abortion Dr.N.Çobanoğlu	Free Run-Time	Free Run-Time	Free Run-Time
10.30 - 11.20	Fungal and parasitic agents of the genitourinary tract infection: Trichomonas and Candida Dr.A.Kalkancı	Contemporary ethical issues, birth control, assisted reproductive techniques, abortion Dr.N.Çobanoğlu	Free Run-Time	Free Run-Time	Free Run-Time
11.30 - 12.20	Genital infections and sexually transmitted Diseases Dr.E.İşçi Bostancı	Ethical aspects of genetic applications Dr.N.Çobanoğlu	Free Run-Time	Free Run-Time	Free Run-Time
13.30 - 14.20	PROBLEM BASED LEARNING	COMMUNICATION SKILLS	MEDICAL ENGLISH	Free Run-Time	Free Run-Time
14.30 - 15.20			MEDICAL ENGLISH	Free Run-Time	Free Run-Time
15.30 - 16.20			ELECTIVE COURSE	Free Run-Time	Free Run-Time
16.30 - 17.20			ELECTIVE COURSE	Free Run-Time	Free Run-Time

EXAM: March 20, 2023 09.30 a.m.