Dear Students;

Gazi University Faculty of Medicine, which you are currently attending, is among the first five medical faculties in Turkey. Gazi University Faculty of Medicine is one of the seven medical faculties that receive national accreditation for the second time.

Our Faculty of Medicine is committed to increasing the standards every day and reaching the highest levels among the medical faculties of the world. We believe this will happen in 1 - 2 years. Our main objective is to train doctors who love the nation, who stand by the aggrieved people, who have human values, who are knowledgeable, who are inclined to research, who have innovative and analytical minds, as well to contribute to world medicine through research and development studies.

There are currently 929 faculty members / staff members contributing to the education of 2775 medical students. We also offer postgraduate education to 525 research assistants.

As the Faculty, we believe that we would have done our duty fully if we could raise doctors who could do their profession all over the world as the Great Leader Atatürk said. The medical training centre we started to establish will be a big contributor to the realization of this goal as a more comprehensive, integrated centre than the centres in the world.

I wish the 2017 – 2018 academic year to be beneficial to all our students, to our country and to all the peoples of the world and be full of achievement and happiness.

Professor Dr. M.Sadık DEMİRSOY

Dean of Gazi University Medical Faculty

GAZI UNIVERSITY FACULTY OF MEDICINE
YEAR 2017-2018
EDUCATION GUIDE

MISSION OF THE FACULTY:

The mission of our faculty is to educate doctors who are able to play an effective role by spreading public service and lifelong education goals through communication means in the rapid development and change process of the society and can produce universal and internationally competitive information, protecting the health of the people by using this information in line with the priority requirements of the society, and to develop the best quality education and research facilities in post graduation specialization and contribute to the health policy according to the needs of the country.

VISION OF THE FACULTY:

The vision of our faculty is to be an institution that develops and accommodates individuals who are leaders in their own fields with their own original thoughts and studies; that provides education and research of the highest quality; that provides contemporary, scientific clinical and laboratory services; that has an important place in the national and international arena; that is the priority place of work for students, faculty members, other health personnel and researchers; and that develops institutionalization focusing on participation, transparency and measurability.

UNDERGRADUATE EDUCATION

Objective

Our aim is to train doctors of international standards who have good understanding of the general health problems of Turkey, who have necessary knowledge to overcome these problems, who follow the ethical rules of the holy profession of medicine, who are investigating and questioning, who are willing to follow and implement the latest developments in medicine, who have effective and healthy communication skills in all fields of the profession, who can work and perform leadership in the health institutions of various levels, and who are sensitive to the problems of community.

LEARNING OBJECTIVES of UNDERGRADUATE EDUCATION

Knowledge:

- to count the normal structure and functions of the body as a whole and the organ systems that makes it.
- to know the cellular, biochemical and molecular mechanisms in the human organism.
- to analyze the genetic, developmental, metabolic, toxic, microbiological, autoimmune, neoplastic, degenerative, traumatic and environmental causes and mechanisms of diseases.
- to identify the changes that the diseases create on tissue and organ systems.
- to count and interpret clinical, laboratory, radiological and pathologic findings of common, disabling and/or death-causing diseases.
- to choose evidence-based, highly effective methods in the diagnosis and treatment of diseases.
- to be aware of life-threatening diseases that require urgent intervention and to evaluate and direct the first treatment options.
- to interpret critical thinking methods in order to solve case based problems.
- to explain the psychological, social, cultural and economic factors that have negative effects on human health.
- to explain appropriate and effective communication steps with his colleagues and other health personnel, especially with patients and their relatives.
- to explain the ethical concepts and principles of the art of medicine and to interpret ethical issues.
- to evaluate the legal rules of medical practice and patient rights.
- to describe the presentation, organization and financing of health services.
- to evaluate the general health problems of the Republic of Turkey.

Skill:

- to take a thorough and reliable medical history.
- to perform a thorough and detailed physical examination.
- to apply the basic diagnostic methods necessary for diagnosing the disease.
- to apply the basic laboratory tests used in the primary care (e.g. peripheral spread, full urine examination etc.)

- to apply the basic professional skills (such as taking blood, opening the vein route)
- to plan and implement effective, safe, suitable and affordable treatments for patients.
- to actively follow up the ways of accessing information to respond to the scientific and technological developments, changes in professional practices, and to the community needs.
- to establish a proper and effective communication with patients, relatives and all health personnel.
- to take necessary precautions to protect themselves and the health personnel working with them against occupational diseases.
- to plan, conduct and report researches on community health.
- to apply basic life support when necessary.

Attitude:

- to embrace the fact that the primary duty of a physician is to protect human life and health by taking preventive measures for diseases and by trying to treat diseases by using appropriate and rational treatment options.
- when practicing the profession, to observe the principle of universal medical ethics: "do not harm first".
- to be aware of the importance of to complying with the basic rules of health economics in the use of health resources and observing the ethical rules in communication with health-related sectors.
- to embrace the value of scientific thinking and critical inquiry in the field of medicine and in practice.
- to embrace the importance of updating professional knowledge throughout medical career.
- to have the responsibility of first aid in emergency situations as a doctor.
- to evaluate each patient according to their environment, society and individual characteristics.
- to understand the fact that it is an ethical obligation to approach patients and their relatives without bias and judgment.
- to be aware of the importance of giving clear information and obtaining written consent to and from each patient and/or relatives when necessary about the diagnosis and treatment of the illness.
- to realize the respect to universal patient rights, in particular the principle of confidentiality.

- to embrace the value of a healthy, effective and empathic communication with the patient on the treatment success and professional satisfaction.
- to create a model of a compassionate, honest and trustworthy doctor within the community.
- to be aware of the personal rights of themselves and colleagues and to protect themselves from the dishonest and unjust assaults by embracing the professional importance of advocating these rights.
- to be aware of legal and professional responsibilities and obligations with regard to judicial cases.
- to adopt the principles of rational drug use.
- to accept scientific, technical and ethical consultation as a doctor and patient right.
- to know ethical concepts and principles of the art of medicine and be able to decide on the ethical problems that can occur in every period of life from birth to death.
- to be able to cope with the fact of death and the problems it creates.
- to be aware of the importance of communicating in an honest and consistent manner with colleagues, patients and other individuals during professional life.
- to be sensitive to public health problems and be aware of preventive medicine practices.
- to grasp the importance of lifelong and self-learning.

INDEX

- General Surgery
- Chest Surgery
- Eye Diseases
- Gynecology and Obstetrics
- Cardiac Surgery
- Ear-Nose-Throat Diseases
- Orthopedics and Traumatology
- Plastic, Reconstructive and Aesthetic Surgery
- Medical Pathology
- Urology

GENERAL INFORMATION

SOCIAL ACTIVITIES

STUDENT SENATOR

Gazi University Faculty of Medicine Student Education-Examination and Examination Directive

Higher Education Institutions Student Discipline Regulation

Prof. Dr. Mehmet Sadık DEMİRSOY	Dean
Assoc. Prof. Dr. Taner AKAR	Vice Dean
Assoc. Prof. Dr. Okşan DERİNÖZ GÜLERYÜZ	Vice Dean

Faculty Secretary
Murat ŞAHİNGÖZ

Members Of Faculty Administrative Board

Prof. Dr. Mehmet Sadık DEMİRSOY ***(Dean)***
Prof. Dr. Serdar KULA
Prof. Dr. Vedat BULUT
Prof. Dr. Ali Yusuf ÖNER
Assist. Prof. Dr. Anıl TAPISIZ
Assist. Prof. Dr. Latife Arzu ARAL
Assist. Prof. Dr. Hatice Tuba ATALAY

Members of Faculty Board

Prof. Dr. Mehmet Sadık DEMİRSOY ***(Dean)***
Prof. Dr. Vedat BULUT ***(Head of Basic Medical Sciences Division)***
Prof. Dr. Serdar KULA ***(Head of Internal Medical Sciences Division)***
Prof. Dr. Olgun Kadir ARIBAŞ ***(Head of Surgical Medical Sciences Division)***
Prof. Dr. Ali Yusuf ÖNER ***(Professor Representative)***
Prof. Dr. Tansu ULUKAVAK ÇİFTCİ ***(Professor Representative)***
Prof. Dr. Meltem BAHÇELİOĞLU ***(Professor Representative)***
Assist. Prof. Dr. Anıl TAPISIZ ***(Associate Professor Representative)***
Assoc. Prof. Dr. Latife Arzu ARAL ***(Associate Professor Representative)***
Assist. Prof. Dr. Hatice Tuba ATALAY ***(Assistant Professor Representative)***

RESEARCH GOALS AND OBJECTIVES OF THE GAZİ UNIVERSITY FACULTY OF MEDICINE

- Planning and implementation of researches and projects in the field of medicine, sharing the results and developing new research methods,
- Understanding and observing research ethics principles and codes
- Reporting of research results (thesis report, article) and presentation (poster, oral presentation)
- Understanding and evaluating research methods and techniques and using them appropriately
- Designing, executing and finalizing national and institutional projects related to medicine
- Development, evaluation and dissemination of models, methods and techniques related to patient evaluation
- Understanding the approach of evidence-based medical education, understanding the principles, critically evaluating the literature and reflecting it on education practices
- Creating (planning, development), executing and finalizing appropriate research designs in the field of medicine
- Participating in research and projects at national and institutional levels to evaluate and improve medicine and health policies
- Processing, interpreting and evaluating data, and making statistical analysis of data

SERVICE GOALS AND OBJECTIVES OF GAZİ UNIVERSITY FACULTY OF MEDICINE

Our aim is to provide health services to the public and to the health-promoting, preventive, therapeutic and rehabilitative individuals in a manner to contribute to the education of our students in line with current approaches through medical education given by our education, research and practice hospital other than the education and research works of our faculty.

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GAZI UNIVERSITY FACULTY OF MEDICINE

COORDINATORS BOARD

Main Coordinator	**Prof.Dr. Anıl ONAN**	Gynecology and Obstetrics
Vice Maincoordinator	Prof.Dr. M.Ali ERGÜN	Medical Genetics
Vice Maincoordinator	Assoc. Prof. Dr. L. Arzu ARAL	Immunology
Coordinator of Phase I	**Assoc. Prof. Dr. Canan DEMİRTAŞ**	Medical Biochemistry
Vice Maincoordinator	Assoc. Prof. Dr. Cengiz KARAKAYA	Medical Education
Coordinator of Phase II	**Prof.Dr. Çiğdem ÖZER**	**Physiology**
Vice Maincoordinator	Prof. Dr. Aylin SEPİCİ DİNÇEL	Medical Biochemistry
Coordinator of Phase III	**Assoc. Prof. Dr. İlyas OKUR**	**Pediatrics**
Vice Maincoordinator	Assoc. Prof. Dr. Pınar UYAR GÖÇÜN	Medical Pathology
Coordinator of Phase IV	**Prof.Dr. İdil YENİCESU**	**Pediatrics**
Vice Maincoordinator	Prof.Dr. Gülten TAÇOY	Cardiology
Vice Maincoordinator	Lecturer Kürşat DİKMEN	General Surgery
Coordinator of Phase V	**Prof.Dr. Cüneyt KURUL**	**Chest Surgery**
Vice Maincoordinator	Assist. Prof. Dr. M. Cüneyt ÖZMEN	Eye Diseases
Coordinator of Phase VI	**Assoc. Prof. Dr. Fikret BİLDİK**	**Emergency Medicine**
Vice Maincoordinator	Assoc. Prof. Dr. İsa KILIÇASLAN	**Emergency Medicine**

THOSE RESPONSIBLE FOR EXAM CENTER

Prof.Dr. M. Ali ERGÜN

Prof.Dr. Mustafa KAVUTÇU

Lecturer Özlem COŞKUN

NATIONAL CORE CURRICULUM

Prof.Dr.F.Sedef TUNAOĞLU (Head)

Prof.Dr.İdil YENİCESU

Prof. Dr. Bülent BOYACI

Prof.Dr.Serdar KULA

Prof. Dr. F. Güçlü PINARLI

Assoc.Prof.Dr.Arzu ARAL

Assoc.Prof.Dr.İlyas OKUR

Assist.Prof.Dr. M. Cüneyt ÖZMEN

Lecturer Özlem COŞKUN

PROGRAMME DEVELOPMENT AND EVALUATION

Prof.Dr.Çiğdem ÖZER (Head)

Prof. Dr. Şeminur HAZNEDAROĞLU

Prof.Dr.I.İrem BUDAKOĞLU

Prof.Dr.Güçlü PINARLI

Prof.Dr.Ziya ANADOL

UP BOARD OF PROGRAM DEVELOPMENT AND EVALUATION

Prof.Dr.M. Anıl ONAN

Prof.Dr.Seçil ÖZKAN

Prof.Dr.I.İrem BUDAKOĞLU

Lecturer Özlem COŞKUN

CLINICAL SKILLS EDUCATION

Lecturer Baybars ATAOĞLU (Head)

Assoc.Prof.Dr. Özge Petek ERPOLAT

Assoc.Prof.Dr. Murat HASANREİSOĞLU

Prof. Dr. I. İrem BUDAKOĞLU

Prof.Dr. Osman KURUKAHVECİOĞLU

Assoc.Prof.Dr. Utku AYDİL

Onat Can ARSLAN (Phase III Student Represantative)

Ayşe Kübra KİBAR (Phase V Student Represantative)

EVIDENCE BASED MEDICINE

Prof. Dr. M. Ali ERGÜN (Head)

Prof. Dr. Şeminur HAZNEDAROĞLU

Prof. Dr. Mustafa N. İLHAN

Assoc.Prof.Dr. Asife ŞAHİNARSLAN

Lecturer Özlem COŞKUN

Cansel AŞKIN (Phase IV Student Represantative)

Tugay ÇAMLIBEL (Phase V Student Represantative)

Eda YILDIRIM (Phase VI Student Represantative)

ELECTIVE COURCES

Assoc.Prof.Dr. Ece KONAÇ (Head)

Assoc.Prof.Dr. Petek ERPOLAT

Assoc.Prof.Dr. Ergin DİLEKÖZ

Ülkü Yavuz ERSAYIN (Phase IV Student Represantative)

Tugay ÇAMLIBEL (Phase V Student Represantative)

Gözde Duygu İŞBİLİR (Phase VI Student Represantative)

COMMUNICATION SKILLS IN MEDICINE

Prof. Dr. Bülent BOYACI (Head)

Prof. Dr. Nesrin DEMİRSOY

Prof. Dr. Elvan İŞERİ

Prof. Dr. Canan ULUOĞLU

Prof. Dr. I. İrem BUDAKOĞLU

Kerem NERNEKLİ (Phase IV Student Represantative)

Oğulcan TEKİN (Phase V Student Represantative)

Nail ZELYURT (Phase VI Student Represantative)

PROBLEM BASED LEARNING

Prof. Dr. F.Nur AKSAKAL (Head)

Prof. Dr. Özlem KAPUCU

Prof. Dr. Berna GÖKER

Prof.Dr.Nurdan KÖKTÜRK

Assoc.Prof.Dr.Sedat TÜRKOĞLU

Assoc.Prof.Dr.Anıl TAPISIZ AKTAŞ

Ayşenur KOZLU (Phase III Student Represantative)

Sinem Serenay TOPSAKAL (Phase II Student Represantative)

Şefika BAŞOĞLU (Phase VI Student Represantative)

HUMAN RESOURCES IN MEDICINE

Prof.Dr.Selcuk ASLAN (Head)

Prof. Dr. Aslı KURUOĞLU

Assoc.Prof.Dr.Cengiz KARAKAYA

Assoc.Prof.Dr.İbrahim Murat HİRFANOĞLU

CRITICAL THINKING AND ART

Prof. Dr. Meltem YALINAY (Head)

Prof. Dr. Sedef TUNAOĞLU

Prof. Dr. Fikret AKATA

Prof. Dr. Hayrunnisa BOLAY BELEN

Prof. Dr. Elvan İŞERİ

Prof. Dr. Serdar KULA

Prof. Dr. Gülendam BOZDAYI

Assoc.Prof.Dr.L.Arzu ARAL

Lecturer Özlem COŞKUN

Alperen KAHRAMAN (Phase IV Student Represantative)

Esra DOĞAN (Phase IV Student Represantative)

POSTGRADUATE EDUCATION

Prof. Dr. Vedat BULUT (Head)

Prof.Dr.Serdar KULA

Prof.Dr.Münci YAĞCI

FACULTY DEVELOPMENT (TRAINING OF TRAINERS)

Prof. Dr. I. İrem BUDAKOĞLU (Head)

Prof. Dr. Zafer GÜNEY

Prof. Dr. Canan ULUOĞLU

Prof. Dr. Figen ŞAHİN

Prof.Dr.Serdar KULA

Prof. Dr. F.Nur AKSAKAL

Prof.Dr.Nevzat YÜKSEL

Lecturer Özlem COŞKUN

RATIONALE PHARMACOTHERAPY USE

Prof. Dr. Canan ULUOĞLU (Head)

Prof.Dr. Aysu ÇAMURDAN

Assoc.Prof.Dr. Gülten TAÇOY

Assoc.Prof.Dr. Hakan TUTAR

Assoc.Prof.Dr. Yusuf KIZIL

Gülce GÜNGÖR (Phase VI Student Represantative msilcisi)

ERASMUS COUNCIL

Prof. Dr. M.Anıl ONAN (Head)

Assoc.Prof.Dr.Pınar UYAR GÖÇÜN

Ashraf HAMZAH ALİ ALİ (Phase V Student Represantative)

Demet EVLEKSİZ (Phase VI Student Represantative)

FARABİ COUNCIL

Prof. Dr. F.Güçlü PINARLI (Head)

Prof. Dr. Meltem BAHÇELİOĞLU

Prof.Dr.Nurdan KÖKTÜRK

Prof. Dr. Nalan AKYÜREK

Assoc.Prof.Dr.Zeynep Arzu YEĞİN

Assoc.Prof.Dr. Serhan TUNCER

Ülkü GÜRBÜZ (Phase V Student Represantative)

M.İbrahim ÖZET (Phase VI Student Represantative)

MEASUREMENT&EVALUATION

Prof. Dr. Seçil ÖZKAN (Head)

Prof. Dr. I. İrem BUDAKOĞLU

Prof.Dr.Tuğba TUNÇ

Prof.Dr.Akif Muhtar ÖZTÜRK

COMMUNITY BASED EDUCATION

Prof.Dr. F.Nur BARAN AKSAKAL (Head)

Assoc.Prof.Dr. Alev EROĞLU ALTINOVA

Assoc.Prof.Dr. Deniz KARÇAALTINCABA

Lecturer Asiye UĞRAŞ DİKMEN

Ayşe Kübra KİBAR (Phase V Student Represantative)

CONTINUOUS MEDICAL EDUCATION

Prof.Dr. Mehmet Ali ERGÜN (Head)

Prof. Dr. Çimen KARASU

Prof. Dr. Berna GÖKER

Prof. Dr. Nesrin ÇOBANOĞLU

Prof. Dr. Mustafa N. İLHAN

Prof.Dr.Ö.Sezai LEVENTOĞLU

DIGITAL MEDICINE EDUCATION

Prof Dr. Serdar KULA (Head)

Prof. Dr. Akif Muhtar ÖZTÜRK

Prof. Dr. M. Ali ERGÜN

GAZI UNIVERSITY FACULTY OF MEDICINE
YEAR 2016-2017

LESSONS, CODE, CREDİTS

PREPATORY CLASS	**CODE**	**CREDIT**	**ECTS**
ENGLISH PREPATORY PROGRAM	EPP-100	0	0
FIRST YEAR	**CODE**	**CREDIT**	**ECTS**
Basic Sciences Courses (I)	BSC-100	10	50
Foreign Language	ING-103	1	1
Foreign Language	ING-104	1	1
Atatürk and History of Turkish Revolution	TAR-101	0	1
Atatürk and History of Turkish Revolution	TAR-102	0	1
Turkish Literature and Language	TUR-101	0	1
Turkish Literature and Language	TUR-102	0	1
Elective	ELC-101	0	4
SECOND YEAR	**CODE**	**CREDIT**	**ECTS**
Basic Sciences Courses (II)	BSC-200	10	56
Medical English-I	MED-201	0	1
Medical English-II	MED-202	0	1
Elective	ELC-201	0	4
THIRD YEAR	**CODE**	**CREDIT**	**ECTS**
Basic Sciences Courses (III)	BSC-300	10	56
Medical English-I	MED-301	0	1
Medical English-II	MED-302	0	1
Elective	ELC-301	0	4
FOURTH YEAR	**CODE**	**CREDIT**	**ECTS**
Forensic Medicine	FM-400	2	1
Medical History and Ethics	MHE-400	2	1
Pediatrics	PED-400	23	12
Internal Medicine	IM-400	23	12
Surgery	SUR-400	15	10
Obstetrics And Gynecology	OG-400	15	10

Chest Diseases	PD-400	6	5
Cardiology	CARD-400	6	5
Radiology	RAD-400	4	2
Rationale Pharmacotherapy	RP- 400	4	1
Evidence Based Medicine	EBM- 400	0	1

FIFTH YEAR	**CODE**	**CREDIT**	**ECTS**
Orthopedics and Traumatology	OT-500	7	6
Neurology	NEUR-500	7	6
Ophthalmology	OPH-500	6	3
Physical Therapy and Rehabilitation	PTR-500	6	3
Anesthesiology and Reanimation	AR-500	5	2
Dermatology	DER-500	7	6
Urology	URO-500	6	4
Psychiatry	PSYC-500	7	6
Child and Adolescent Psychiatry	CAP-500	4	1
Ear, Nose, Throat	ENT-500	7	6
Infectious Diseases	ID-500	7	6
Pediatric Surgery	PEDS-500	7	2
Emergency Medicine	EM-500	7	2
Elective 1 (10 Days)	**501**		
1. Neurosurgery	NEURS-501	7	2
2. Thorasic Surgery	TS-501	7	2
3. Cardiovascular Surgery	CVS-501	7	2
4. Plastic Reconstructive and Aesthetic Surgery	PRAS-501	7	2
			2*1= **2**
Elective 2 (5 Days)	**502**		
1. Occupational Health and Medicine	OHM-502	2	1
2. Nuclear Medicine	NM-502	2	1
3. Audiology	AUD-502	2	1
4. Radiation Oncology	RONC-502	2	1

5. Medical Biochemistry	MBİO-502	2	1
6. Medical Genetics	MGEN-502	2	1
7. Medical Microbiology	MMIC-502	2	1
8. Leadership in Medicine	LM-502	2	1
			5*1= **5**

SIXTH YEAR	**CODE**	**CREDIT**	**ECTS**
Pediatrics	PED- 600	0	8
Social Pediatrics	SPED-600	0	1
Public health	PH-600	0	8
Emergency Medicine	EM-600	0	8
Obstetrics And Gynecology	OG-600	0	5
Community Based Obstetrics And Gynecology	CBOG-600	0	1
Internal Medicine	IM- 600	0	8
Community Based Internal Medicine	CBIM-600	0	1
Cardiology	CARD-600	0	2
Surgery	SUR- 600	0	5
Psychiatry	PSYC-600	0	5
Elective	**601**	0	4+4= **8**
1. Anatomy	ANA-601		
2. Biophysics	BIO-601		
3. Medical Biology and Genetics	MBG-601		
4. Medical History and Ethics	MHE-601		
5. Immunology	IMM-601		
6. Physiology	PHYS-601		
7. Histology and Embriology	HE-601		
8. Medical Microbiology	MMIC-601		
9. Medical Biochemistry	MBIO-601		
10. Medical Education and Informatics	MEI-601		
11. Emergency Medicine	EM-601		
12. Child and Adolescent Psychiatry	CAP-601		
13. Pediatrics	PED- 601		

14. Dermatology	DER-601		
15. Infectious Disease	ID-601		
16. Physical Therapy and Rehabilitation	PTR-601		
17. Chest Disease	CD-601		

19.Internal Medicine	IM- 601		
20.Cardiology	CARD-601		
21.Neurology	NEUR-601		
22.Nuclear Medicine	NM-601		
23.Radiation Oncology	RONC-601		
24.Radiology	RAD-601		
25.Psychiatry	PSYC- 601		
26.Medical Pharmacology	MPHAR-601		
27.Medical Genetics	MGEN-601		
28.Anesthesiology and Reanimation	AR-601		
29.Neurosurgery	NEURS-601		
33.Pediatric Surgery	PEDS-601		
31.Surgery	SUR- 601		
32.Cardiovascular Surgery	CVS-601		
33.Thorasic Surgery	TS-601		
34. Ophthalmology	OPHT-601		
35.Obstetric and Gynecology	OG- 601		
36.Ear Nose Throat	ENT-601		
37.Orthopedics and Traumatology	OT-601		
38.Medical Pathology	MPAT-601		
39.Urology	URO-601		
40.Plastic Reconstructive and Aesthetic Surgery	PRAS-601		
TOTAL CREDIT		**232**	**360**

During the 6th grade, the students who have selected one of departments listed under cannot select any departments in the list during the second three-week selection period. In other words, there is only one selection right. There is no limit for the rest of departments. The quota for all departments is 1 student.

1. Anatomy	ANA-601
2. Biophysics	BFZ-601
3. Medical Biology	BYL-601
4. -Medical Ethics and Medical History	TET-601
5. Immunology	IMM-601
6. Physiology	FİZ-601
7. Histology and Embryology	HIS-601
8. Medical Microbiology	MIK-601
9. Medical Biochemistry	BYK-601
10. Tıp Eğitimi ve Bilişimi	TEB-601
11. Tıp-Nuclear Medicine	NUK-601
12. Radiation Oncology	RON-601
13. Radiology	RAD-601
14. Medical Pharmacology	FAR-601
15. Medical Genetics	GEN-601
16. Medical Pathology	PAT-601
17. Anatomy	ANA-601
18. Biophysics	BFZ-601
19. Medical Biology	BYL-601
20. Medical Education	TEG-601
21. Medical Ethics and Medical History	TET-601
22. Immunology	IMM-601
23. Physiology	FİZ-601
24. Histology and Embryology	HIS-601
25. Medical Microbiology	MIK-601
26. Medical Informatics	TPB-601
27. Medical Biochemistry	BYK-601
28. Nuclear Medicine	NUK-601
29. Radiation Oncology	RON-601
30. Radiology	RAD-601
31. Medical Pharmacology	FAR-601
32. Medical Genetics	GEN-601
33. Medical Pathology	PAT-601

GAZİ UNIVERSITY FACULTY OF MEDICINE

2017-2018 ACADEMİC CALENDAR

Phases	Starting Date	First Semester Due Date	Second Semester Starting Date	Education Year Due Date
I	18.09.2017	22.01.2017	02.02.2018	22.05,2018
II	18.09.2017	22.01.2018	02.02.2018	24.05.2018
III	11.09.2017	22.01.2018	02.02.2018	21.05.2018
IV	05.09.2017	24.01.2018	05.02.2018	22.06.2018
V	11.09.2017	15.01.2018	22.01.2018	30.05.2018
VI	01.07.2017	-	-	30.06.2018

2017-2018 EDUCATION YEAR
ELECTIVE COURSE

ELECTIVE COURSES FOR PHASE I			**TEACHING STAFF**
1	HOS-101	HISTORY OF SCIENCE-I	PROF.DR. VEDAT BULUT
2	MT-101	MENTAL TRAINING	PROF.DR. ZAFER GÜNEY
3	HGI-101	RESEARCH TECHNIQUES	PROF.DR. ÇİĞDEM ELMAS
4	RFR-101	RADIO FREQUENCY RADIATION	DOÇ.DR. BAHRİYE SIRAV ARAL
5	HOS-101	HISTORY OF SCIENCE-I	PROF.DR. VEDAT BULUT
6	AOB-101	APPLICATION OF BIOTECHNOLOGY	PROF. DR. NEŞE KARABACAK
ELECTIVE COURSES FOR PHASE II			**TEACHING STAFF**
1	TMH-201	TURKISH MEDICAL HISTORY	DR. NAMIK ÇENÇEN
2	CIN-201	CINEMA AND MEDICINE	PROF. DR. AYŞEGÜL ATAK YÜCEL
3	TİD-201	TURKISH SING LANGUAGE AND DEAF HISTORY	PROF. DR. YUSUF KEMAL KEMALOĞLU
4	COG-201	COGNITION	PROF. DR. NEŞE KARABACAK
ELECTIVE COURSES FOR PHASE III			**TEACHING STAFF**
1	EDD-301	ENDOCRINE DISRUPTORS	DOÇ.DR. AYLİN SEPİCİ DİNÇEL

2	PRP-301	PREVENTIVE,REGENERATİVVE,PERSOALIZED ANTI-AGING	PROF. DR. ÇİMEN KARASU
3	NAO-301	NUTRITION AND MICROBIOME	Prof. Dr. ONUR KARABACAK

GAZI UNIVERSITY FACULTY OF MEDICINE
2017-2018 EDUCATION YEAR
ACADEMIC CALENDAR FOR PHASE I

START DATE: 18.09.2017 **END DATE:** 22.05.2018
SEMESTER: 22.01.2018 **END OF SEMESTER:** 02.02.2018

COURSE GROUP	ONSET	TERMINATION	QUIZ DAE	EXCUSE QUIZ DATE	FINAL DATE	MAKE-UP DATE
Introduction to Medicine Committee	18.09.2017	06.11.2017	06.11.2017 **			
From Molecule To Cell Committee	07.11.2017	13.12.2017	13.12.2017**			
Cell Biology Committee	14.12.2017	09.02.2018	09.02.2018**			
Tissue Biology I Committee	12.02.2018	23.03.2018	21/22.03.2018* 23.03.2018 ** Time: 13.30			
Tissue Biology II Committee	26.03.2018	22.05.2018	17/18/21.05.2018* 22.05.2018 **	29/30.05.2018	06/07.06.2018* 08.06.2018 **	28.06.2018* 29.06.2018**

Laboratory exam:* Theoretical exam: **

ELECTIVE COURSE

	ONSET	TERMINATION	QUIZ DAE	FINAL DATE	MAKE-UP DATE
Elective lecture (Fall semester)	02.10.2017	25.12.2017	-	08.01.2018	15.01.2018
Elective lecture (Spring semester)	12.02.2018	07.05.2018	-	14.05.2018	21.05.2018

MEDICAL ENGLISH

	ONSET	TERMINATION	QUIZ DAE	FINAL DATE	MAKE-UP DATE
Medical English (Fall semester)	02.10.2017	25.12.2017	-	08.01.2018	15.01.2018
Medical English (Spring semester)	12.02.2018	07.05.2018	-	14.05.2018	21.05.2018

GAZİ UNIVERSITY FACULTY OF MEDICINE
AIM AND LEARNING OBJECTIVES FOR PHASE I

Aim:

The students are expected to be able to define and sort the normal structure and functions of human body at molecular, cellular and tissue levels, to explain public health problems and basic concepts, to describe the genetic concepts, anatomical structures, theoretical and practical applications of basic life support, basic concepts of microbiology, psychiatry, biophysics and immunology, and gain clinical, communicative, evidence based medicine, human sciences, problem based learning and critical thinking practice skills, and acquire the ability to think analytically.

Learning Objectives:

Knowledge:

1. To be able to define the basic concepts of structure, organization and function of the cell
2. To be able to explain basic genetic concepts
3. To be able to explain biochemical metabolic pathways and synthesis mechanisms
4. To be able to define microbiological concepts
5. To be able to explain basic anatomical concepts
6. To be able to define the anatomical structures of bone, joint, muscle and nervous system in human body
7. To be able to define basic structure and functions of tissues
8. To be able to define the microstructure of normal tissues
9. To be able to explain the physiological mechanisms of organism
10. To be able to define biophysical concepts
11. To be able to explain the emergency approach to the patient
12. To be able to define important health problems and basic health services in Turkey and in the world
13. To be able to classify research planning and data collection methods
14. To be able to define the historical development of medicine and ethical rules
15. To be able to explain the basic concepts of psychiatry and defense mechanisms
16. To be able to define the basic concepts of immunology
17. To be able to investigate the basic medical principles through a given scenario
18. To be able to evaluate the basic elements of the communication process
19. To be able to access to and evaluate the evidence based knowledge
20. To be able to evaluate the written sources with a critical and inquisitive approach
21. To be able to explain the concept of professionalism that is necessary during their professional life
22. To be able to explain the relationship between science and medicine
23. To be able to evaluate the cross-sectional features of medicine and philosophy in terms of human, as a common subject
24. To be able to define, get access to required information and understand a subject that they are interested in

25. To be able to gain online access to Basic English, Turkish Language, Ataturk's Principles and history of Turkish Revolution topics, and conceptualize the issues.

Skills:

26. To be able to apply professional skills related to basic life support
27. To be able to show the locations of each organ system in normal body structure
28. To be able to explain microscopic appearance of normal tissue
29. To be able to explain the mechanism and function of basic metabolic pathways in the organism
30. To be able to apply critical thinking, problem solving, decision-making and creative thinking skills
31. To be able to apply the necessary clinical skills within the scope of introduction to clinical practice
32. To be able to employ culturing and staining techniques in microbiology, be able to use microscope for the investigation of microorganisms.

33. To be able to handle the laboratory animals, to make ready preparations and labor the necessary steps of a given experiment.

34. In the context of community-based medical education, to create and implement a responsibility project to raise the health standards of the community together with the relevant stakeholders in the guidance of the advisor teaching staff

Attitude:

35. To be aware of the importance of respect in human relations
36. To be aware of the attitudes required by medical profession
37. To be able to internalize the importance of lifelong and self-learning
38. To be aware of the importance of taking part in responsibility projects to raise public health standards

GAZİ UNIVERSITY FACULTY OF MEDICINE

PHASE I

2017-2018

INTRODUCTION TO MEDICINE

(SEPTEMBER 18 - NOVEMBER 6, 2017)

COURSES	THEORETICAL	PRACTICAL	TOTAL
Medical Biology	43	6X4	49
Medical Biochemistry	31	6X4	37
Biophysics	17	-	17
Public Health	12	4X4 2X4	18
Medical Genetics	7	-	7
Medical History and Ethics	2	-	2
TOTAL	**112**	**18**	**130**
ELECTIVE COURSE	**10**	**-**	**10**
INTRODUCTION TO CLINICAL PRACTICE EVIDENCE BASED MEDICINE (EBM)	**2**	**-**	**2**
TOTAL	**124**	**18**	**142**

OBLIGATORY COURSES

Turkish Language	14
Ataturk's Principles and History of His Revolutions	14
English	14

Dean	Prof. Dr. Mehmet Sadık DEMİRSOY
Vice Dean	Assoc. Prof. Dr. Taner AKAR
Vice Dean	Assoc. Prof. Dr. Okşan DERİNÖZ GÜLERYÜZ
Head Coordinator	Prof. Dr. Anıl ONAN
Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN

Assistant Head Coordinator	Prof. Dr. Işıl İrem BUDAKOĞLU
Phase I Coordinator	**Assoc. Prof. Dr. Canan YILMAZ**
Assistant Phase I Coordinator	**Assoc. Prof. Dr. Cengiz KARAKAYA**
Assistant Phase I Coordinator	**Lecturer, Dr. Asiye UĞRAŞ DİKMEN**

MEMBERS OF COMMITTEE

MEDICAL BIOLOGY	MEDICAL BIOCHEMISTRY	BIOPHYSICS	PUBLIC HEALTH
Dr. Ece KONAÇ	Dr. Cemal ÇEVİK	Dr. Bahriye SIRAV ARAL	Dr. F. Nur AKSAKAL
Dr. H. İlke ÖNEN	Dr. Mustafa KAVUTÇU		Dr. Mustafa N. İLHAN
	Dr. Neslihan BUKAN		Dr. Asiye UĞRAŞ DİKMEN
	Dr. Aylin SEPİCİ DİNÇEL		
	MEDICAL GENETICS	**MEDICAL HISTORY AND ETHICS**	
	Dr. Meral YİRMİBEŞ KARAOĞUZ	Dr. Nesrin ÇOBANOĞLU	
	Dr. Mehmet Ali ERGÜN		

Evidence Based Medicine Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Elective Course Coordinator	Assoc. Prof. Dr. Ece KONAÇ

INTRODUCTION TO MEDICINE COURSE COMMITTEE

Aim:

Being able to explain the major functional groups in organic and biomolecules and the related reactions in the metabolic pathways in the human organism, being aware of the principles of molecular evolution, the differences and similarities in genomic organization of living beings, being able to physically and chemically define structures and functions of nucleic acids and proteins, two important components of the living beings at the molecular level, being able to array the structure of DNA and the membrane in the life of a cell and their functions, being able to define structure and functions of organelles of eukaryotic cell, nucleus and chromatin structure, meiosis / mitosis division, understanding the importance of basic public health practice areas, the place and method knowledge of Turkish Medicine in medical history

LEARNING OBJECTIVES:

Knowledge:

- Identification of atom, atomic structure and chemical bonds
- Being able to do classification that can define structural properties of organic compounds
- Defining concepts of bond and energy in living beings
- Being able to describe the main molecules such as protein, lipid and carbohydrate
- Being able to describe enzymes, their classes and kinetics
- Defining the concepts of genetics and evolution
- Identifying molecules that monitor the division and functioning of cells and their control during the embryo and adult period
- Being knowledgeable about hereditary types of human genetic diseases, family tree drawing, genetic counseling and basic clinical genetics
- Being able to define bioenergetics
- Comprehending molecular structures that play a role in the structure and function of the eukaryotic cell, relations and controls between these structures
- Being able to answer the question of "What is medicine?"
- Being able to explain the evolution of medicine through an evolutionary approach in the light of the changes with revolutionary nature that guided the development of the profession of doctor in the medical history, the doctors, who have left trace, as well as the main events that created the transformation.

- Being able to explain the concepts of Electric charge, Electric power, Electric field (E), Electric potential and potential energy and capacitance
- Being able to comprehend the effects of E current and the DC current on health,
- Being able to explain historical and basic concepts of psychiatry, defense mechanisms
- Having knowledge about the methodology of medicine
- Being able to explain health-illness concept
- Being able to explain public health and perspective
- Being able to sort the characteristics of the first, second and third stage health services
- Being able to tell the role of environmental factors in health events
- Describe the concept and types of environmental influence
- Being able to explain the concept of basic health services
- Being able to explain the concept of health protection and development
- Being able to explain the methods that can be used in improving health
- Being able to explain the importance of keeping healthy records
- Being able to explain the importance of health indicators
- Being able to tell the values of the current basic health, maternal-child health and fertility criteria in Turkey
- Being able to explain the functioning of existing health system in Turkey and the duties of health personnel

- **Skills :**
- Applying the skills of hand washing, wearing and removing sterile gloves
- Being able to get stories from his or her friends and record them
- Being able to demonstrate the basic examination methods
- Being able to apply drawing of family tree
- Being able to apply the knowledge obtained via academical perspective of the history of medicine to the recent studies
- Having obtained the skills of measuring body temperature, pulse and respiration rate and blood pressure

Attitude:

- Being aware of the importance of hand washing, wearing and removing sterile gloves in the profession of a doctor

- Behaving according to the atmosphere of the medical profession and values of the medical faculty
- Understanding the importance of keeping a healthy record
- Being aware of the mechanisms in biological systems
- Being aware of the importance of genetic counseling in preventing genetic diseases in the community
- In the light of historical knowledge regarding the profession, being aware of the importance of the perspective's gaining depth about the medical profession and the development of professional sensitivity
- Understanding the importance of the accuracy of the measurements of the body temperature, blood pressure with pulse and respiration rate in patient follow-up

GAZİ UNIVERSITY MEDICAL FACULTY

PHASE I

2017-2018

FROM MOLECULE TO CELL

(NOVEMBER 07 2017-DECEMBER 13 2017)

COURSES	THEORETICAL	PRACTICAL	TOTAL
MEDICAL BIOLOGY	30	4x4	34
MEDICAL BIOCHEMISTRY	23	6x4	29
MEDICAL HISTORY AND ETHICS	18	---	18
BIOSTATISTICS	12	4x4	16
BIOPHYSICS	7	---	7
MEDICAL GENETICS	1	---	1
TOTAL	**91**	**14**	**105**
INTRODUCTION TO CLINICAL PRACTICE			
CRITICAL THINKING	4	8x1	12
ELECTIVE COURSE	**10**	**---**	**10**
TOTAL	**105**	**22**	**127**

Critical Thinking Coordinator	Prof. Dr. Meltem YALINAY
Elective Course Coordinator	Assoc. Prof. Dr. Ece KONAÇ

OBLIGATORY COURSES

Turkish Language	10
Ataturk's Principles and History of His Revolutions	10
English	10

* Community Based Medical Education (CBME) trainings will be performed with the academic advisors parallel to the ongoing program as one hour per week.

Dean	Prof. Dr. Mehmet Sadık DEMİRSOY
Vice Dean	Assoc. Prof. Dr. Taner AKAR
Vice Dean	Assoc. Prof. Dr. Okşan DERİNÖZ GÜLERYÜZ
Head Coordinator	Prof. Dr. Anıl ONAN
Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Işıl İrem BUDAKOĞLU
Assistant Head Coordinator	Assoc. Prof. Dr. L. Arzu ARAL
Phase I Coordinator	**Assoc. Prof. Dr. Canan YILMAZ**
Assistant Phase I Coordinator	**Assoc. Prof. Dr. Cengiz KARAKAYA**
Assistant Phase I Coordinator	**Lecturer, Dr. Asiye UĞRAŞ DİKMEN**

MEMBERS OF COMMITTEE

MEDICAL BIOLOGY	MEDICAL BIOCHEMISTRY	MEDICAL HISTORY AND ETHICS	BIOSTATISTICS	BIOPHYSICS	CRITICAL THINKING
Dr. Ece KONAÇ	Dr. Cemal ÇEVİK	Dr. Nesrin ÇOBANOĞLU	Dr. F. Nur AKSAKAL	Dr. Bahriye SIRAV ARAL	Dr. Meltem YALINAY
Dr. H. İlke ÖNEN	Dr.Mustafa KAVUTÇU		Dr. Mustafa N. İLHAN		Dr. F.Sedef TUNAOĞLU
	Dr. Neslihan BUKAN		Dr. Asiye UĞRAŞ DİKMEN		Dr. Fikret AKATA
	Dr. Aylin SEPİCİ DİNÇEL				Dr. Hayrunnisa BOLAY BELEN
MEDICAL GENETICS					Dr. Gülendam BOZDAYI
Dr. Mehmet Ali ERGÜN					Dr. Elvan İŞERİ
					Dr. Serdar KULA
					Dr.Abdurrahman TUFAN
					Dr. L.Arzu ARAL
					Dr. Özlem COŞKUN

Aim:

At the end of 30 working days of phase 1 students will be able to understand the metabolic structures of carbohydrates, proteins, lipids and vitamins, pH concept and buffer systems, membrane and transport systems, molecular mechanisms of transcription, structure and function of RNA molecule, pedigree analysis, Cell and embryo differentiation is aimed to have knowledge about molecular genetics based, recombinant DNA, biotechnology and human genome project, electromagnetic (EM) contamination, psychological and psychosocial development stages, epidemiology, biostatistics topics and application areas.

LEARNING OBJECTIVES

Information:

1. To be able to classify and explain the structural and biochemical properties of carbohydrates,
2. To be able to describe the structure of glycoprotein and proteoglycans and their tissues and explain the clinical importance.
3. To be able to classify lipids and their derivatives, to evaluate their properties and clinical significance,
4. To be able to classify vitamins, to comprehend the functional properties and diseases of deficiencies,
5. To be able to define PH concept and body buffer systems,
6. Intracellular and extracellular fluids; Explain membrane and transport systems
7. To be able to explain the general properties of RNA and protein synthesis in prokaryotes and eukaryotes, the molecules involved and the mechanisms by which they are controlled,
8. Describe the properties of genetic coding and describe the molecules and their properties that play a role in gene expression control
9. To be able to explain the molecules and controls that control differentiation, function, aging and death in the cell
10. To be able to explain genes involved in early embryo development and their molecular effects and properties
11. To be able to explain the properties of stem cells and its therapeutic use and its results
12. To be able to explain the causes of DNA mutations and the properties of molecules involved in DNA repair mechanisms
13. To be able to classify and characterize gene groups that have a role in this process with the stages of molecular formation and development of cancer.
14. Be able to explain human genome organization and characteristics of human genes and evaluate the results of the human genome project
15. Be able to evaluate the outcome of the gene therapy approach with gene transfer systems
16. Be able to explain Recombinant DNA technology and its possible application areas of biotechnology
17. To be able to count research planning steps and types by explaining epidemiology definition and usage areas
18. To be able to explain universe, sample concepts and sampling methods
19. To be able to list data collection and survey preparation principles and methods that can be used for displaying data with tables and graphs

20. To be able to count the criteria of biostatistics, distribution types and properties of each distribution
21. To be able to count the significance tests and to explain the properties and conditions of use of parametric and non-parametric significance tests
22. To be able to explain Electromagnetic (EM) field concept and its sources
23. To be able to explain the permeability of textures to electric and magnetic fields
24. Describe biological effects of low frequency (ELF) E and B areas with examples
25. Count the main sources and biological effects of radio frequency (RF) / microwave (MW) radiation
26. To be able to explain mobile phone frequencies and SAR concept, to evaluate the effect of mobile phone on medical devices
27. Evaluate national and international standards for EM radiation protection and apply it in daily life as a practical recommendation to protect
28. To be able to recognize the general public exposure and occupational exposure standards
29. The changes in the quality of medicine that lead to the development of the medical profession in medicine history, the physicians who left the traces, in the light of the main events that create transformation, to explain the development of medicine with evolutionary approach

Skills:

30. Ability to choose the significance test that can be used according to the characteristics of the data and to evaluate the suitability of the statistical tests frequently used in scientific publications
31. To be able to list data input properties in SPSS statistical package program, to make descriptive statistics on data and to be able to evaluate output
32. Applying Chi-square test in SPSS statistical package program and evaluating the output
33. Measuring blood pressure with hand pulse and respiration, handwashing, wearing and removing sterile gloves, applying intramuscular injecting skills
34. DNA isolation and monitoring of the execution of DNA in agarose gel
35. Monitoring the application of the PCR method
36. Carbohydrate reduction reaction can be applied
37. To be able to perform the quantitative test result acquisition experiment by spectrophotometer
38. Applying pH meter measurement
39. Evaluate and apply what they read with a critical and exploratory approach

Attitude:

40. Be aware of the importance of body temperature, pulse and respiration and blood pressure measurement, hand washing, wearing and removing sterile gloves
41. To be able to recognize the importance of interpretation of scientific studies with statistical information
42. Be aware of the importance of the profession in the light of the history of profession, the depth of the profession's perspective and the development of professional sensitivity

GAZİ UNIVERSITY MEDICAL FACULTY

PHASE I

2017-2018

CELL BIOLOGY COMMITTEE

(DECEMBER 14 2018-FEBRUARY 09 2018)

COURSES	THEORETICAL	PRACTICAL	TOTAL
MEDICAL MICROBIOLOGY	38	4x4 8x4	50
MEDICAL BIOCHEMISTRY	10	6x4	16
HISTOLOGY AND EMBRYOLOGY	8	8x2	16
EMERGENCY MEDICINE	7	2x5	9
IMMUNOLOGY	5	---	5
TOTAL	**68**	**28**	**96**
ELECTIVE COURSE	**4**	--	**4**
INTRODUCTION TO CLINICAL PRACTICE			
COMMUNICATION SKILLS	8	--	8
PROFESSIONALISM IN MEDICINE	2	--	2
HUMAN SCIENCES IN MEDICINE	4	--	4
CLINICAL SKILLS EDUCATION (CSE)	-	5x2	5
TOTAL	**86**	**33**	**119**

OBLIGATORY COURSES

Turkish Language	4
Ataturk's Principles and History of His Revolutions	4
Medical English	4

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Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Işıl İrem BUDAKOĞLU

Assistant Head Coordinator	Assoc. Prof. Dr. L. Arzu ARAL
Phase I Coordinator	**Assoc. Prof. Dr. Canan YILMAZ**
Assistant Phase I Coordinator	**Assoc. Prof. Dr. Cengiz KARAKAYA**
Assistant Phase I Coordinator	**Lecturer, Dr. Asiye UĞRAŞ DİKMEN**

MEMBERS OF COMMITTEE

MEDICAL MICROBIOLOGY	MEDICAL BIOCHEMISTRY	HISTOLOGY AND EMBRYOLOGY	EMERGENCY MEDICINE	IMMUNOLOGY	COMMUNICATION SKILLS
Dr. Meltem YALINAY	Dr. Aylin SEPİCİ DİNÇEL	Dr. Candan ÖZOĞUL	Dr. Ahmet DEMİRCAN	Dr. Vedat BULUT	Dr. Fatma ULUTAN
Dr. Kayhan ÇAĞLAR	Dr. Neslihan BUKAN	Dr. Çiğdem ELMAS	Dr. Ayfer KELEŞ	Dr. Resul KARAKUŞ	Dr. Nesrin DEMİRSOY
Dr. Ayşe KALKANCI			Dr. Fikret BİLDİK	Dr. L. Arzu ARAL	Prof. Dr. Elvan İŞERİ
Dr. Funda DOĞRUMAN AL			Dr. İsa KILIÇASLAN		Dr. Bülent BOYACI
			Dr. Mehmet Akif KARAMERCAN		Dr. Canan ULUOĞLU
					Dr. Meltem YALINAY
					Dr. Selçuk ASLAN
					Dr. Çiğdem ELMAS
					Dr. I. İrem BUDAKOĞLU
					Dr. Özlem COŞKUN

Communication Skills in Medicine Coordinator	Prof. Dr. Fatma ULUTAN
Clinical Skills Education Coordinator	Lecturer, Dr. Baybars ATAOĞLU
Elective Course Coordinator	Assoc. Prof. Dr. Ece KONAÇ

Aim

At the end of 35 working days of term 1 students will be able to explain the biological system and biochemical characteristics of the cell, to explain the histological structure and regulation , to define the properties of microorganisms, to make the necessary laboratory applications, to acquire the necessary skills within the scope of introduction to medicine and it is aimed to be aware of the importance of using effective methods in communication.

LEARNING OBJECTIVES

Information:

1) Be able to interpret digestion and metabolism of nucleoproteins and evaluate their relation with diseases,
2) To be able to interpret both synthesis steps, defects and clinical findings,
3) Understanding the metabolism of inorganic compounds in their body, importance in clinical situations
4) Be able to define the structural properties of microorganisms (virus, bacteria, fungus, parasite)
5) To be able to explain life cycle and breeding conditions of microorganisms
6) To be able to comprehend knowledge of bacterial metabolism and physiology
7) To be able to explain the terms and methods of sterilization and disinfection
8) Understanding the information about bacterial genetics
9) To be able to define antimicrobial drugs and resistance mechanisms
10) To be able to explain antibiotic susceptibility test methods
11) To be able to define immunological response to infection agents by microorganism antigens and antigen antibody reactions
12) To be able to define basic concepts of immunology and general defense ways of host
13) Describe the concepts of antigen and antibody and be able to count the basic principles of antigen-antibody combination and related tests
14) Be able to evaluate the basic elements of the communication process
15) Basic life support and counting the points to take into consideration when removing object from the breather
16) To be able to define first aid to be able to explain emergency aid systems 112, to be able to say first aid steps in situations that are frequently encountered
17) Be able to express first aid methods to be done in case of unconsciousness and deterioration of the circulatory system
18) Counting the steps of poisoning, drowning, biting and getting caught by various animals Explain bleeding control and wound care principles
19) Be able to express microscope types and working principles
20) Be able to define the forms of cell divisions
21) Be able to say the stress adaptation mechanisms of cells
22) To be able to define necrosis and apoptosis formation processes, histologically observed changes in cells and elimination of residuals

23) To be able to count the histological structure of cell membranes, organelles, nuclei and inclusions
24) Count histological follow-up steps
25) To be able to explain the concept of professionalism to apply during their professional life
26) Be able to evaluate the coexistence of medicine and philosophy, whose common areas are human beings
27) To be able to explain effective methods in basic communication

Ability:

28) Be able to distinguish cell shapes and microorganisms at the microscope using light microscopy
29) To be able to apply the staining methods used in the examination of microorganisms and to distinguish which stains are painted with special preparations
30) Be able to distinguish tissue types at the microscope
31) To be able to apply cultivation methods and to define the mediums for the production of microorganisms
32) To be able to examine colony morphology of microorganisms
33) Applying antibiotic susceptibility tests
34) S Apply serological test methods
35) Apply uric acid measurement method
36) To apply bilirubin and urobilinogen measurement method in urine
37) Apply inorganic phosphate measurement method
38) Elastic bandage wrapping, subcutaneous and intravenous injection, applying dressing skills in skin injuries
39) Knowing the situations that need to be first aid, being able to understand and act, to be able to apply first aid in various situations
40) Cardio-pulmonary resuscitation and foreign object removal from the respiratory
41) First aid in bleeding and injuries
42) First aid in case of poisoning, bite and stings
43) Applying first aid in circulatory system disorders and unconscious situations
44) Evaluate and apply what they read with a critical and exploratory approach

Attitude:

45) Being aware of the importance of biological system processing
46) Being aware of the importance of protecting yourself and the environment by adopting the necessity to comply with laboratory working principles and rules
47) Be aware of microscope usage principles
48) Be aware of the importance of group work and collaboration
49) Be aware of the importance of basic communication skills
50) Elastic bandage wrapping, subcutaneous and intravenous injections can distinguish the points to be considered when applying dressings in skin injuries
51) Be aware of the importance of making effective and correct decision-making and appropriate first aid in the approach to emergency patients

GAZİ UNIVERSITY MEDICAL FACULTY

PHASE I

TISSUE BIOLOGY COMMITTEE I

(FEBRUARY 12 2018-MARCH 23 2018)

COURSES	**THEORETICAL**	**PRACTICAL**	**TOTAL**
ANATOMY	27	10X2	47
HISTOLOGY AND EMBRYOLOGY	16	8x2	32
PHYSIOLOGY	12	4X2	20
BIOPHYSICS	10	---	10
TOTAL	**65**	**44**	**109**
ELECTIVE COURSE	**6**	**--**	**6**
TOTAL	**71**	**44**	**115**

OBLIGATORY COURSES

Turkish Language	6
Ataturk's Principles and History of His Revolutions	6
Medical English	6

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Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Işıl İrem BUDAKOĞLU
Assistant Head Coordinator	Assoc. Prof. Dr. L. Arzu ARAL
Phase I Coordinator	**Assoc. Prof. Dr. Canan YILMAZ**
Assistant Phase I Coordinator	**Lecturer, Dr. Asiye UĞRAŞ DİKMEN**
Assistant Phase I Coordinator	**Assoc. Prof. Dr. Cengiz KARAKAYA**
Assistant Phase I Coordinator	**Assoc. Prof. Dr. Atiye Seda YAR SAĞLAM**

MEMBERS OF COMMITTEE

ANATOMY	HISTOLOGY AND EMBRYOLOGY	PHYSIOLOGY	BIOPHYSICS
Dr. Meltem BAHÇELİOĞLU	Dr. Candan ÖZOĞUL	Dr. Lamia PINAR	Dr. Bahriye SIRAV ARAL
	Dr. Çiğdem ELMAS	Dr. Deniz ERBAŞ	
ANATOMY LABORATORY			
Dr. Meltem BAHÇELİOĞLU			
HISTOLOGY AND EMBRYOLOGY LABORATORY			
Dr. Candan ÖZOĞUL	Dr. Suna ÖMEROĞLU	Dr. Çiğdem ELMAS	Dr. Gülnur TAKE KAPLANOĞLU
Dr. Seda Nur AKYOL			
PHYSIOLOGY LABORATORY			
Dr. Lamia PINAR	Dr. Deniz ERBAŞ	Dr. Şevin GÜNEY	

Elective Course Coordinator	Dr. Ece KONAÇ

Aim:

At the end of 30 working days first semester students were aimed to define bone, epithelium, ligament and joint types, movements in joints, definition of nerve tissue, determination of morphological importance, demonstration of biochemical properties. To be able to define the concepts of sound, ultrasound, piezoelectric and to use it in clinical practice.

Learning Objectives:

Knowledge:

1. Understanding the general knowledge about the bones in our body, telling the places, types and functions of the bones
2. Understanding the general knowledge about the joints in our body, able to say places, types and functions of joints
3. Be able to evaluate the relationship of bone anatomic knowledge to clinical situations
4. Be able to evaluate the relation of anatomical knowledge of the joint to clinical situations
5. *To tell which germ layer the cover epithelium develops, and its properties*
6. *To be able to define gland epithelium, connective tissue, explain which germ layer develops*
7. *Be able to tell which cartilage tissue cells, components, types, and germ layers develop from cartilage*
8. *Be able to tell bone cells, components, types and which germ layer of bone tissue develops*
9. *Be able to define organic and inorganic matrix of bone tissue*
10. *To be able to define the structure of joints*
11. *To be able to explain the electrical properties of membranes and cells and electrical equivalent models*
12. *Evaluate the cause and necessity of biological potential difference, calculate cell potential with different models, find ion currents*
13. *To be able to explain physical properties of sound and ultrasound formation, importance of piezoelectric phenomenon in ultrasound formation*
14. *Be able to tell the areas where the ultrasound is used and their purposes*
15. *To be able to talk about the piezoelectric structures in the tissue, to explain the invasive and non-invasive techniques in improving bone electric current and bone fractures*
16. Counting the fluid compartments and content differences in the body
17. To be able to count and interpret the transport mechanisms of the cell membrane
18. Osmosis, explain the importance of osmotic pressure in organism
19. Be able to tell the way of signal transmission of cells in control with chemical messengers
20. Explain the basic properties of membrane potentials and action potentials
21. *To be able to examine basic medical concepts through script*

Skill:

22. To be able to distinguish and show cranium, cavitas cranii, neurocranium and viscerocranium bones
23. Be able to show the location and bonds of joints in the body

24. Ability to access knowledge, self-learning, analytical thinking and ability to work as a team
25. To be able to distinguish types of cover and gland epithelium under microscope
26. Be able to examine tissues in microscope
27. Make accurate measurements using laboratory materials

Attidude:

28. Be aware of the responsibility of acting in a way that does not damage the cadaver and the tissues
29. Be aware of the importance of group work and cooperation in practical applications

GAZİ UNIVERSITY MEDICAL FACULTY

PHASE I

TISSUE BIOLOGY COMMITTEE II

(MARCH 26 2018-MAY 22 2018)

COURSES	**THEORETICAL**	**PRACTICAL**	**TOTAL**
ANATOMY	36	22X2	58
HISTOLOGY AND EMBRYOLOGY	25	8x2	33
PHYSIOLOGY	20	10X2	30
BIOCHEMISTRY	6	--	6
PSYCHIATRY	7	--	7
TOTAL	**94**	**40**	**134**
ELECTIVE COURSE	**16**	**--**	**16**
INTRODUCTION TO CLINICAL PRACTICE			
PROBLEM-BASED LEARNING (PBL)	3X2	**--**	6
TOTAL	**116**	**40**	**156**

OBLIGATORY COURSES

Turkish Language	16
Ataturk's Principles and History of His Revolutions	16
Medical English	16

* Community Based Medical Education (CBME) trainings will be performed with the academic advisors parallel to the ongoing program as one hour per week.

Dean	Prof. Dr. Mehmet Sadık DEMİRSOY
Vice Dean	Assoc. Prof. Dr. Taner AKAR
Vice Dean	Assoc. Prof. Dr. Okşan DERİNÖZ GÜLERYÜZ
Head Coordinator	Prof. Dr. Anıl ONAN
Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Işıl İrem BUDAKOĞLU
Assistant Head Coordinator	Assoc. Prof. Dr. L. Arzu ARAL
Phase I Coordinator	**Assoc. Prof. Dr. Canan YILMAZ**
Assistant Phase I Coordinator	**Lecturer, Dr. Asiye UĞRAŞ DİKMEN**
Assistant Phase I Coordinator	**Assoc. Prof. Dr. Cengiz KARAKAYA**
Assistant Phase I Coordinator	**Assoc. Prof. Dr. Atiye Seda YARSAĞLAM**

MEMBERS OF COMMITTEE

ANATOMY	HISTOLOGY AND EMBRYOLOGY	PHYSIOLOGY	MEDICAL BIOCHEMISTRY	PSYCHIATRY
Dr. Meltem BAHÇELİOĞLU	Dr. Candan ÖZOĞUL	Dr. Lamia PINAR	Dr. Cemal ÇEVİK	Dr. Behçet COŞAR
	Dr. Çiğdem ELMAS	Dr. Deniz ERBAŞ	Dr. Neslihan BUKAN	Dr. Aslı KURUOĞLU
	Dr. Ahmet Çevik TUFAN		Dr. Aylin SEPİCİ DİNÇEL	Dr. Ender TANER
ANATOMY LABORATORY				Dr. Selçuk ASLAN
Dr. Meltem BAHÇELİOĞLU				
HISTOLOGY AND EMBRYOLOGY LABORATORY				
Dr. Candan ÖZOĞUL	Dr. Suna ÖMEROĞLU	Dr. Çiğdem ELMAS	Dr. Gülnur TAKE KAPLANOĞLU	
Dr. Seda Nur AKYOL				
PHYSIOLOGY LABORATORY				
Dr. Lamia PINAR	Dr. Deniz ERBAŞ	Dr. Şevin GÜNEY		

Problem-Based Learning (PBL) Coordinator	Dr. F. Nur BARAN AKSAKAL
Elective Course Coordinator	Dr. Ece KONAÇ

Aim:

At the end of 35 days of academic course period, the Phase I students are expected to define the locations, types and functions of muscles, to identify nerve tissue, to determine morphological significance and biochemical properties of muscle and nerve tissues.

Learning Objectives:

Knowledge:

1. To be able to define the basic concepts of muscles in our body, to explain the locations, types and functions of the muscles
2. To be able to classify medulla spinalis and spinal nerves
3. To be able to understand the formation of axillary and brachial plexus anatomy, the branches of this plexus and the muscles that they have innervate
4. To be able to understand the formation of plexus lumbosacralis, the branches of this plexus and the muscles that they have innervate
5. To be able to evaluate the relationship between anatomical knowledge of muscles and clinical situations
6. To be able to define biochemical properties of nerve, epithelium, muscle and connective tissue and to be able to explain related diseases
7. To be able to explain mechanism of muscle contraction and energy sources
8. To be able to categorize muscles, types, places in the organism, structural and contraction properties
9. To be able to define the neuro-muscle interaction, the response of stimulation and the importance of calcium
10. To be able to explain the organization by defining the autonomic nervous system
11. To be able to define neurotransmitters and its receptors, to tell synthesis and destruction ways
12. To be able to describe neuron types which are functional unit of nervous system, glial cells, types of synapse, nerve-muscle junction and to explain function
13. To be able to define the nervous system and explain the role of myelin in nerve conduction
14. To be able to describe sensory organs and sensory receptors, to explain electrical and chemical events at receptors
15. To be able to tell muscle tissue cells, components, types, and which germ layer they can develop
16. To be able to tell nerve tissue cells, components, types, and which germ layer they can develop
17. To be able to define dermis, epidermis cells together with their properties
18. To be able to describe the stages of human embryo development

Skills:

19. To be able to draw the location of the muscles in the body, to distinguish the veins and nerves of these muscles
20. To be able to prepare neuromuscular junction preparation in frogs by holding the experimental animal appropriately
21. To be able to control direct and indirect stimulation of skeletal muscle
22. To be able to separate small intestine segments from animals and to place them in experimental setup
23. To be able to examine tissues in microscope

Attitude:

24. To be able to be aware of the responsibility to act in a way that does not harm the cadaver and the tissues
25. To be able to be aware of group work and collaboration in practical applications
26. To be able to be aware of the need to comply with ethical rules while working with an experimental animal

GAZI UNIVERSITY FACULTY OF MEDICINE

2017-2018 EDUCATION YEAR

ACADEMIC CALENDAR FOR PHASE II

START DATE: 18. 09.2017 **END DATE :** 24.05.2018

SEMESTER : **END OF SEMESTER:**

COURSE GROUP	ONSET	TERMINATION	QUIZ DAE	EXCUSE QUIZ DATE	FINAL DATE	MAKE-UP DATE
Neuroscience Committee	18.09.2017	30.10.2017	25,26,27/10/2017 * 30.10.2017 **			
Respiratory and Circulatory Systems Committee	31.10.2017	28.12.2017	25,26, 27/12/2017* 28.12.2017**			
Digestion and Metabolism Committee	29.12.2017	02.03.2018	28-02/ ,01-03/2018* 02.03.2018**			
Endocrine and Urogenital Systems Committee	05.03.2018	18.04.2018	16,17 /04 / 2018* 18.04.2018**			
Cell -Tissue Damage and Basics of Pharmacology Committee	19.04.2018	24.05.2018	24.05.2018**	31 / 05 / 2018 01 /06 / 2018	11,12/ 06 / 2018* 13. 06. 2018 **	02.07.2018* 03.07.2018**

Laboratory exam:* Theoretical exam: **

ELECTIVE LECTURE

	ONSET	TERMINATION	QUIZ DAE	FINAL DATE	MAKE-UP DATE
Elective lecture (Fall semester)	10.10.2017	02.01.2018		09.01.2018	16.01.2018
Elective lecture (Spring semester)	13.02.2018	08.05.2018		15.05.2018	22.05.2018

MEDICAL ENGLISH

DERS GRUBU	BAŞLANGIÇ TARİHİ	BİTİŞ TARİHİ	ARA SINAV TARİHİ	Final SINAV TARİHİ	BÜTÜNLEME SINAV TARİHİ
Medical English (Fall semester)	10.10.2017	02.01.2018		09.01.2018	16.01.2018
Medical English (Spring semester)	13.02.2018	08.05.2018		15.05.2018	22.05.2018

GAZI UNIVERSITY FACULTY OF MEDICINE

AIMS

To provide the phase II students to learn the embryonic development, anomalies and malformations, anatomical and histological structure and physiological functions of human biological systems and their association with related biophysical laws and to interpret their clinical implications.

To provide chemical structure and properties of biological molecules, digestion, metabolism and regulation, energy recovery, hormone action mechanisms and synthesis, destruction, metabolic effects of endocrine gland-specific released hormones, biochemical functioning integration of organs, molecular mechanisms of the resulting metabolic disorders

To allow students to explain the stages and pathogenetic mechanisms of cell and tissue damage, define the pharmacogenetics, pharmacodynamics, new drug development and toxic effects of drugs

To provide students with opportunities to practice clinical skills, problem based learning, evidence based learning, and communication skills besides being aware of the deontology, basic concepts and professional rules of medicine

LEARNING OUTCOMES
By the end of this year students will be able to;
Knowledge Based

Explain embryonic development process
Define the anatomical and microscopic structure of organs and structures of organism
Know the biomolecules that generated living from the cell, their functions and define the biochemical metabolic pathways and anabolic/catabolic reactions.
Describe the physiological mechanisms of the various systems
Recall the mechanisms of expression and transmission of genetic information and related subjects
Name the types of radiation used at medicine and radioactivity, define the physical basis of radiation interaction with biological systems
Identify the pathological mechanisms that play role in cell and tissue injury
Describe the developmental and morphological patterns and types of inflammation
List the research and data collection methods
State the Medical Ethics and Deontology and ethical rules

Application Based (practical skills)
Apply the professional skills to the studies done on the models and cadaver to practise the normal body structure and the positions of the organs
Examine *macroscopic and microscopic structures of tissues and organs*
Demonstrate the mechanism and function of synthesis of macro and micro molecules synthesized in organism by experimental biochemical setups
Practise the blood cell count, hematocrit, hemoglobin and determination of blood group, sedimentation rate, speed and vector orientation, applying ECG and respiratory function tests
Use the application of evidence based medicine to review and evaluate scientific manuscripts

Interpret communication skills professionally to patient-physician approaches

Skills Based (intellectual and transferable skills)
Aware of the importance of respecting human relationships
Judge *the importance of ethical rules in the use of experimental animals and practices on human beings*
A*ware of the importance of cadaver use in anatomy education*
Manage the basic hygiene and safety rules that must be followed when working in a laboratory
Evaluate the importance of group study and cooperation
Defend the attitudes of the medical profession

GAZI UNIVERSITY FACULTY OF MEDICINE

PHASE II

2017-2018 EDUCATIONAL YEAR

NEUROLOGICAL SCIENCES COMMITTEE (18 September – 30 October 2017)

COURSES	**THEORETICAL**	**LAB**	**TOTAL**
Anatomy	46	18 X 2	64
Biophysics	10		10
Histology and Embryology	11	6 x 2	17
Physiology	39	8 x 4	47
Medical History and Ethics	4		4
TOTAL	**110**	**32**	**142**
Elective Lectures	6		6
INTRODUCTION TO MEDICINE			
Communication Skills	**6**		
Medical English	**6**		
TOTAL	**128**	**32**	**160**

25.10.2017	Wednesday	Phase II Applied Exam	Time: 08.30
26.10.2017	Thursday	Phase II Applied Exam	Time: 08.30
27.10.2017	Friday	Phase II Applied Exam	Time: 08.30
30.10.2017	Monday	Phase II Theoretical Exam	Time: 09.30

Dean	Prof.Dr. Sadık DEMİRSOY
Vice Dean	Assoc. Prof. Dr Taner AKAR
Vice Dean	Assoc. Prof. Dr Okşan DERİNÖZ GÜLERYÜZ
Head Coordinator	Prof. Dr. Anıl ONAN
Assistant Head Coordinator	Prof.Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Işıl irem BUDAKOĞLU
Assistant Head Coordinator	Assoc. Prof. Dr L. Arzu ARAL
Phase II Coordinator	**Prof.Dr. Çiğdem ÖZER**
Assistant Phase II Coordinator	**Assoc. Prof. Dr .Bahriye SIRAV ARAL**
Assistant Phase II Coordinator	**Teach. Assist. Dr.Gökçe S. ÖZTÜRK FİNCAN**
Assistant Phase II Coordinator	**Assoc. Prof. Dr .Aylin SEPİCİ DİNÇEL (İNG)**
Assistant Phase II Coordinator	**Teach. Assist. Dr. Şehri ELBEĞ**

NEUROLOGICAL SCIENCES COMMITTEE

Aim

To be able to tell the anatomical, histological and physiological information about the embryonic development, developmental anomalies and malformations of the nervous system, the structures and functions of the central nervous system, to be able to explain the clinical connections, to be aware of the deontology, basic concepts and professional rules

LEARNING OUTCOMES

Knowledge Based

To be able to:

LO-200-1-1 ***explain legislation for the practice of the medical profession, basic knowledge of medicine, approaches to medicine, physician-patient relationship (evolutionary development and current situation, expected physician-patient relationship)***

LO-200-1-2 ***list how the nervous system develops from germ layers during each week of development***

LO-200-1-3 ***say the anatomical location of central nervous system structures***

LO-200-1-4 ***describe the histological properties of central nervous system cells***

LO-200-1-5 ***explain how the motor and sensory functions of the nervous system occur at the level of the medulla spinalis, brainstem and cortex***

LO-200-1-6 ***count cranial nerves***

LO-200-1-7 ***describe the histological and anatomical structure of the brain, tell the role of motor control and motor learning and related mechanisms***

LO-200-1-8 ***describe the histological structure of spinal cord of medulla, describe descending pathways, define spinal reflexes***

LO-200-1-9 ***describe eye anatomy and visual pathways, ear anatomy and hearing pathways, describe the physiological mechanisms of vision and hearing***

LO-200-1-10 ***explain the autonomic nervous system***

LO-200-1-11 ***explain the advanced functions of the nervous system, such as conditioned reflexes, learning and memory, with physiological mechanisms***

LO-200-1-12 ***discuss the electrical properties of EEG and brain***

Application Based (practical skills)

LO-200-1-13 ***able to distinguish and show macroscopic and microscopic structures of the central nervous system***

LO-200-1-14 ***can practise the anatomical structure of ear and eye***

LO-200-1-15 ***must be able to distinguish the gray and white layers of the brain at microscope***

LO-200-1-16 ***distinguish gray and white layers of medulla spinalis, front and rear horn on microscope***

LO-200-1-17 ***must show physiological, histological features of eye and ear***

LO-200-1-18 ***must be able to prepare decerebre and spinal frog preparations. M. Spinalis reflexes should be shown on experiment animal***

LO-200-1-19 ***can show various reflexes in man***

LO-200-1-20 ***be able to distinguish reaction time and reflex time***

Skills Based (intellectual and transferable skills)

LO-200-1-21 ***be aware of the importance of cadaver use in anatomy education***

LO-200-1-22 ***consider the role of microscopy in histology education***

LO-200-1-23 ***be aware of the importance of ethical rules in the use of experimental animals and practices on human beings***

GAZI UNIVERSITY FACULTY OF MEDICINE

PHASE II

2017–2018 EDUCATIONAL YEAR

RESPIRATORY AND CARDIOVASCULAR SYSTEMS COMMITTEE

(31.10.2017 – 28.12.2017)

COURSES	**THEORETICAL**	**LAB**	**TOTAL**
Anatomy	23	12X2	35
Biophysics	12	-	12
Physiology	47	22x2	69
Histology and Embryology	23	12x2	35
Immunology	19	-	19
TOTAL	**124**	**46**	**170**
Elective Lectures	**16**		**16**
INTRODUCTION TO MEDICINE			
CLINICAL SKILLS (CSE)		4	4
Communication Skills	**8**		**8**
Problem Based Learning (PBL)	6		
Medical English	16		16
TOTAL	**170**	**50**	**220**

25.12.2017		Phase II Applied Exam	Saat : 08.30
26.12.2017	Tuesday	Phase II Applied Exam	Saat : 08.30
27.12.2017	Wednesday	Phase II Applied Exam	Saat : 08.30
28.12.2017	Thursday	Phase II Theoretical Exam	Saat : 09:30

Dean	Prof. Dr. Sadık DEMİRSOY
Vice Dean	Assoc. Prof. Dr. Taner AKAR
Vice Dean	Assoc. Prof. Dr. Okşan DERİNÖZ GÜLERYÜZ
Head Coordinator	Prof. Dr. Anıl ONAN
Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Işıl irem BUDAKOĞLU
Phase II Coordinator	**Prof. Dr. Çiğdem ÖZER**
Assistant Phase II Coordinator	**Teach. Assist. Dr. Gökçe S. ÖZTÜRK FİNCAN**
Assistant Phase II Coordinator	**Assoc. Prof. Dr. Aylin SEPİCİ DİNÇEL (ING)**
Assistant Phase II Coordinator	**Teach. Assist. Dr. Şehri ELBEĞ**

COMMITTEE MEMBERS

ANATOMY	HISTOLOGY AND EMBRYLOGY	PHYSIOLOGY	BIOPHYSICS	IMMUNOLOGY
Dr. Meltem BAHÇELİOĞLU	Dr. Candan ÖZOĞUL	Dr. Deniz ERBAŞ	Dr. Bahriye SIRAV ARAL	Dr. Vedat BULUT
	Dr. Çiğdem ELMAS	Dr. Şevin GÜNEY	Dr. Elçin ÖZGÜR BÜYÜKATALAY	Dr. Ayşegül ATAK YÜCEL
				Dr. Ümit BAĞRIAÇIK
				Dr. Resul KARAKUŞ

ANATOMY LAB.	HISTOLOGY AND EMBRYLOGY LAB.	PHYSIOLOGY LAB.
Dr. Meltem BAHÇELİOĞLU	Dr. Candan ÖZOĞUL	Dr. Deniz ERBAŞ
	Dr. Çiğdem ELMAS	Dr. Lamia PINAR
		Dr. Şevin GÜNEY
		Dr. Tayfun GÖKTAŞ
		Dr. Pelin ÖZDEMİR

Communication Skills Coordinator	Prof. Dr. Fatma ULUTAN
Elective Course Coordinator	Assoc. Prof. Dr. Ece KONAÇ
Clinical Skills Education Coordinator	Teach. Assist. Dr Baybars ATAOĞLU
Problem Based Learning	Prof. Dr. Nur BARAN AKSAKAL

RESPIRATORY AND CIRCULATORY SYSTEMS COMMITTEE

Aim

Be able to evaluate the embryonic development, anomalies, anatomical, histological and physiological properties of blood, circulation, fetal circulation, lymphatic circulation and respiratory systems by associating them with biophysical laws.

LEARNING OUTCOMES

Knowledge Based

LO-200-2-1 ***to explain germ cells of the cardiovascular system at different weeks of development***

LO-200-2-2 ***to identify the anomalies and malformations that may occur during septation in the heart***

LO-200-2-3 ***to describe the anatomical and histological structure of the heart, explain its functional properties***

LO-200-2-4 ***to say the contraction mechanisms of the heart muscle***

LO-200-2-5 ***to understand the regulation of heart functioning***

LO-200-2-6 ***to be able to explain the ECG***

LO-200-2-7 ***to explain the differences in the postnatal vascular system and describe the vascular anomalies and malformations***

LO-200-2-8 ***to say the histological properties of arteries forming the arterial system***

LO-200-2-9 ***to describe the functional properties of arteries, capillaries, venules, veins and lymphatic system***

LO-200-2-10 ***to tell about histological properties of endothelial cells, electron microscopic structure and membrane receptors***

LO-200-2-11 ***to explain the anatomical, histological and physiological properties of the lymphatic system***

LO-200-2-12 ***to explain the blood flow, blood pressure, its regulation mechanisms, its relation to the laws of biophysics***

LO-200-2-13 ***to describe fetal, pulmonary and coronary circulation***

LO-200-2-14 ***to define the lymphoreticular system***

LO-200-2-15 ***to say which germ cells of the respiratory system have begun to differentiate during the weeks of development***

LO-200-2-16 ***describe the anatomic, histological and physiological properties of the respiratory system***

LO-200-2-17 ***to tell the characteristics of blood-air barrier, Type II alveolar cells***

LO-200-2-18 ***to define the properties and functions of blood and cells***

LO-200-2-19 ***to interpret hypoxia and respiration types, hypo/hypercapnia***

LO-200-2-20 ***to use the problem based learning in order to evaluate the disease***

Application Based (practical skills)

LO-200-2-21 ***to be able to use basic communication skill***

LO-200-2-22 ***to demonstrate the ability to establish vascular access***

LO-200-2-23 ***to show the differences of lung, spleen, thymus, lymph node and tonsilla and blood vessels under the microscope***

LO-200-2-24 ***to demostrate Hb, Htc, sedimentation, blood group studies***

LO-200-2-25 ***to be able to show the heart's arousal systems***

LO-200-2-26 ***to determine CO_2 in breathing air, analyze NO***

LO-200-2-27 ***to apply respiratory function tests***

LO-200-2-28 ***to be able to take and interpret ECG***

Skills Based (intellectual and transferable skills)

LO-200-2-29 critical and inquisitive thinking in professional life

LO-200-2-30 to be aware of working with a living organ or subject.

LO-200-2-31 to recognize the responsibility to behave in a way that does not cause damage during operations

LO-200-2-32 to be aware of cadaver and microscope studies

GAZI UNIVERSITY FACULTY OF MEDICINE
PHASE II
2017-2018 EDUCATIONAL YEAR
ENDOCRINE AND UROGENİTAL SYSTEM COMMITTEE

(5 MARCH - 18 APRIL 2018)

COURSES	**THEORETICAL**	**LAB**	**TOTAL**
Anatomy	15	4X 2	19
Histology and Embryology	19	10X2	29
Physiology	33	6 X2	39
Medical Biochemistry	16	2X2	18
Medical ethics and Deontology	4	-	4
TOTAL	**87**	**22**	**109**
Elective Lectures	12		12
INTRODUCTION TO MEDICINE			
PDÖ		6	6
CSE		4	4
Medical English	12		12

16.04.2018	**MONDAY**	**PHASE II APPLIED EXAM**	**Time: 08.30**
17.04.2018	**TUESDAY**	**PHASE II APPLIED EXAM**	**Time: 08.30**
18.04.2018	**WEDNESDAY**	**PHASE II THEORETICAL EXAM**	**Time: 09.30**

Dean	Prof.Dr. Sadık DEMİRSOY
Vice Dean	Assoc. Prof. Dr. Taner AKAR
Vice Dean	Assoc. Prof. Dr. Sevil İLHAN
Head Coordinator	Prof.Dr. Anıl ONAN
Assistant Head Coordinator	Prof.Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Işıl irem BUDAKOĞLU
Phase II Coordinator	**Prof.Dr. Çiğdem ÖZER**
Assistant Phase II Coordinator	**Teach. Assist. Dr.Gökçe S. ÖZTÜRK FİNCAN**
Assistant Phase II Coordinator	**Teach. Assist. Dr. Şehril ELBEG**
Assistant Phase II Coordinator (ing)	**Prof.Dr. Aylin SEPİCİ DİNCEL**
Assistant Phase II Coordinator	**Assoc. Prof. Dr. Elçin ÖZGÜR BÜYÜKATALAY**

MEMBERS OF COMMITTEE

ANATOMY	HISTOLOGY & EMBRYLOGY	PHYSIOLOGY	MEDICAL BİOCHEMISTRY	MEDICAL ETHICS & DEONTOLOGY
	Dr. Candan ÖZOĞUL	Dr.Deniz ERBAŞ	Dr.Neslihan BUKAN	Dr.Nesrin ÇOBANOĞLU
Dr.Meltem BAHÇELİOĞLU	Dr. Çiğdem ELMAS	Dr. Şevin GÜNEY	Dr. Aylin SEPİCİ DİNCEL	
		Dr.K.Gonca AKBULUT		

ANATOMY LABORATORY	HISTOLOGY & EMBRYLOGY	PHYSIOLOGY LABORATORY	MEDICAL BIOCHEMISTRY LAB
	Dr. Candan ÖZOĞUL	Dr.Deniz ERBAŞ	Dr. Neslihan BUKAN
Dr.Meltem BAHÇELİOĞLU	Dr.Suna ÖMEROĞLU	Dr. Şevin GÜNEY	Dr. Aylin SEPİCİ DİNCEL
	Dr. Çiğdem ELMAS		
	Dr. Gülnur Take Kaplanoğlu		

Problem Based Learning Coordinator	Prof. Dr. Nur AKSAKAL
Clinical Skills Education Coordinator	Teach. Assist. Dr Baybars ATAOĞLU
Elective Course Coordinator	Doç. Dr Ece KONAÇ

ENDOCRINE AND UROGENITAL SYSTEM COMMITTEE

Aim: To describe the embryonic development, anatomical and histological structure of endocrine, excretory and reproductive systems, to explain the structure, synthesis and action mechanisms of hormones, to be able to explain the functions of the endocrine, excretory and reproductive systems physiologically and interpret their clinical implications.

LEARNING OUTCOMES

Knowledge Based

LO-200-4-1 Identify which germ cells of endocrine organs are different and in different period of development
LO-200-4-2 Describe the anatomical and histological structures of endocrine organs (hypothalamus, pituitary, thyroid, pancreas, adrenal gland, etc.) and explain physiological functions
LO-200-4-3 Be able to count the general action mechanisms of hormones, homeostatic control systems, negative and positive feedback mechanisms
LO-200-4-4 Be able to explain the biochemical properties and action mechanisms of hormones
LO-200-4-5 should be able to tell which germ coat the urinary system was and when it developed
LO-200-4-6 describe the anatomical and histological structure of the kidney, bladder and ureters,
LO-200-4-7 describe physiological functions of kidney and be able to understand its connections with other systems for protection of homeostasis
LO-200-4-8 be able to tell germ line of genital system in the development
LO-200-4-9 be able to tell the difference of genital tract in men and women, and hormones
LO-200-4-10 be able to explain male and female genital organ, histological changes in ovarian cycle, explain gametogenesis
LO-200-4-11 describe the mechanism of menopause formation, lactation
LO-200-4-12 male reproductive system functions should be explained
LO-200-4-13 be able to order the mechanisms and functions of bladder
LO-200-4-14 be able to distinguish some clinical findings (diabetes, hypothyroidism, hyperparathyroidism etc.) about endocrine system dysfunctions
LO-200-4-15 be able to say Principles of Vocational Ethics and the rules of physician-patient relations.

Application Based (practical skills)

LO-200-4-16 be able to wear male and female suckers
LO-200-4-17 to recognize in endocrine organ, kidney parts, bladder and ureter under the microscope
LO-200-4-18 to show male genital organs and ducts, ovarium follicles, tuba uterine, uterine layers, vagina and cervix at microscopic level
LO-200-4-19 to choose the appropriate behavior for the purpose of medical practice

Skills Based (intellectual and transferable skills)

LO-200-4-20 be aware of the importance of cadaver use
LO-200-4-21 be aware of the classification, mechanism of action of hormones
LO-200-4-22 be aware of the importance of histology in the use of microscopy
LO-200-4-23 be aware of the ability to develop sensitivity to the rules of the profession, to use empathy

GAZI UNIVERSITY FACULTY OF MEDICINE
PHASE II 2017–2018 EDUCATIONAL YEAR
DIGESTIVE SYSTEM AND METABOLISM COMMITTEE
(29 .12.2017– 02.03 2018)

COURSES	THEORETICAL	LAB	TOTAL
Anatomy	26	10X2	36
Biophysics	6	-	6
Physiology	22	10X2	32
Histology and Embryology	12	12X2	24
Medical Biochemistry	44	12X2	56
TOTAL	**110**	**44**	**154**
Elective Courses	6		6
CSE		4	4
Medical English	**6**		
Total	**120**	**50**	**170**

28.02.2018	Wednesday	**Phase II Applied Exam**	**Saat: 08.30**
01.03.2018	Thursday	**Phase II Applied Exam**	**Saat: 08.30**
02.03.2018	Friday	Phase II Theoretical Exam	**Saat: 09.30**

Dean	Prof.Dr. Sadık DEMİRSOY
Vice Dean	Assoc. Prof. Dr. Taner AKAR
Vice Dean	Assoc. Prof. Dr. Sevil İLHAN
Head Coordinator	Prof.Dr. Anıl ONAN
Assistant Head Coordinator	Prof.Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Işıl irem BUDAKOĞLU
Phase II Coordinator	**Prof.Dr. Çiğdem ÖZER**
Assistant Phase II Coordinator	**Teach. Assist. Dr.Gökçe S. ÖZTÜRK FİNCAN**
Assistant Phase II Coordinator	**Prof. Dr. Aylin SEPİCİ DİNÇEL (ENG)**
Assistant Phase II Coordinator	**Teach. Assist. Dr. Şehri ELBEG**
Assistant Phase II Coordinator	**Assoc. Prof. Dr. Elçin ÖZGÜR BÜYÜKATALAY**

MEMBERS OF COMMITTEE

ANATOMY	HISTOLOGY AND EMBRYLOGY	PHYSIOLOGY	BIOPHYSICS	MEDICAL BİOCHEMISTRY
Dr. Meltem BAHÇELİOĞLU	Dr. Candan ÖZOĞUL	Dr. Lamia PINAR	Dr. Elçin ÖZGÜR BÜYÜKATALAY	Dr. Cemal ÇEVİK
	Dr. Çiğdem ELMAS	Dr. Deniz ERBAŞ		Dr. Mustafa KAVUTÇU
		Dr. Şevin GÜNEY		Dr. Neslihan BUKAN
				Dr. Aylin SEPİCİ DİNÇEL

ANATOMY LAB.	HISTOLOGY AND EMBRYLOGY LAB.	PHYSIOLOGY LAB.	MEDICAL BIOCHEMISTRY LAB.
	Dr.Candan ÖZOĞUL	Dr. Lamia PINAR	Dr.Neslihan BUKAN
Dr.Meltem BAHÇELİOĞLU	Dr. Çiğdem ELMAS	Dr. Deniz ERBAŞ	Dr. Aylin SEPİCİ DİNÇEL
	Dr. Suna ÖMEROĞLU	Dr.K.Gonca AKBULUT	
	Dr. Gülnur TAKE KAPLANOĞLU	Dr. Şevin GÜNEY	
		Dr. Pelin ÖZDEMİR	

Communication Skills Coordinator	Prof. Dr. Fatma ULUTAN
Elective Course Coordinator	Assoc. Prof. Dr. Ece KONAÇ
Clinical Skills Education Coordinator	Teach. Assist. Dr Baybars ATAOĞLU

DIGESTION AND METABOLISM COMMITTEE

Aim

Be able to tell the embryonic development, developmental anomalies and malformations of the digestive system related structures, the anatomical and histological structure of the digestive system, physiological functions, and establish clinical connections. Be able to explain biochemical and biophysical properties of digestion and energy metabolism.

LEARNING OUTCOMES

Knowledge Based

LO-200-3-1 ***to explain from which germ leaves the digestive tract during the weeks of development***

LO-200-3-2 ***to explain the anatomical, histological structures and physiological functions of the digestive tract organs***

LO-200-3-3 ***to explain the anatomical, histological, structures and physiological functions of the liver and bile ducts***

LO-200-3-4 ***to explain the histological, anatomical structure and functions of the spleen and pancreas***

LO-200-3-5 ***to explain the hormones secreted from the digestive system***

LO-200-3-6 ***to explain the motor movements and secretion functions in the digestive tract***

LO-200-3-7 ***to tell about digestive and absorption events in small intestines, vitamin and trace elements***

LO-200-3-8 ***to say body heat regulation mechanisms***

LO-200-3-9 ***to say lipids, proteins, fat metabolisms***

LO-200-3-10 ***to know the immunological terminology***

LO-200-3-11 ***to explain the function of the immune system's organs, cells, MHC molecules, T and B cells***

LO-200-3-12 ***to discuss the thermodynamic systems***

LO-200-3-13 be able to differentiate the different articles

LO-200-3-14 to describe the abdominal cavity structures of the digestive system organs, their relationship with peritoneum, arterial feeding, venous and lymphatic drainage and neural innervation

Application Based (practical skills)

LO-200-3-15 ***to implement contact information***

LO-200-3-16 ***to show digestive system structures on experimental animal***

LO-200-3-17 ***to carry out studies on subjects***

Skills Based (intellectual and tranferable skills)

LO-200-3-18 ***to be aware of the importance of cadaver and microscope studies***

LO-200-3-19 ***to know the experimental animal studies in the physiology education***

LO-200-3-20 ***to be aware of the responsibility of working with a living organ or subject***

LO-200-3-21 ***to recognize the responsibility to behave in a way that does not cause damage during operations***

GAZI UNIVERSITY FACULTY OF MEDICINE

PHASE II 2017-2018 EDUCATIONAL YEAR

CELL- TISSUE INJURY AND BASICS OF THE PHARMACOLOGY COMMITTEE

(19 April – 24 May 2018)

COURSES	**THEORETICAL**	**PRACTICAL**	**TOTAL**
Medical Pathology	21	2X2	23
Medical Pharmacology	36	-	36
Immunology	20	-	20
Nuclear Medicine	4	-	4
Radiology	3	-	3
Medical Biochemistry	2	-	2
TOTAL	**86**	**2**	**88**
Elective Courses	8		
INTRODUCTION TO MEDICINE			
CSE		4	
EBM	2		
TOTAL	**96**	**6**	**102**

24 May 2018	**PHASE II THEORETICAL and EBM EXAM**	**Time: 09.30**

Dean	Prof. Dr. Sadık DEMİRSOY
Vice Dean	Assoc. Prof. Dr. Taner AKAR
Vice Dean	Assoc. Prof. Dr. Sevil İLHAN
Head Coordinator	Prof. Dr. Anıl ONAN
Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Işıl irem BUDAKOĞLU
Phase II Coordinator	**Prof. Dr. Çiğdem ÖZER**
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Assistant Phase II Coordinator	**Prof. Dr. Aylin SEPİCİ DİNÇEL (ENG)**
Assistant Phase II Coordinator	**Teach. Assist. Dr. Şehri ELBEG**

Assistant Phase II Coordinator	**Assoc. Prof. Dr. Elçin ÖZGÜR BÜYÜKATALAY**

MEMBERS OF COMMITTEE

MEDICAL PATHOLOGY	MEDICAL PHARMACOLOGY	IMMUNOLOGY	NUCLEAR MEDICINE	RADIOLOGY	MEDICAL BIOCHEMISTRY
Dr. Aylar POYRAZ	Dr. Çimen KARASU	Dr. Vedat BULUT	Dr. Neşe İlgin KARABACAK	Dr.Erhan ILGIT	Dr. Neslihan BUKAN
Dr. Pınar GÖÇÜN	Dr. H. Zafer GÜNEY	Dr. Ümit BAĞRIAÇIK	Dr. Mustafa ÜNLÜ	Dr.Cem YÜCEL	
Dr. Güldal ESENDAĞLI	Dr. Canan ULUOĞLU	Dr.Ayşegül ATAK	Dr. Ümit Özgür AKDEMİR		
Dr. Özgür EKİNCİ	Dr.Ergin DİLEKÖZ	Dr. Resul KARAKUŞ			
		Dr Arzu ARAL			

Communication Skills Coordinator	Prof. Dr. Fatma ULUTAN
Elective Course Coordinator	Assoc. Prof. Dr. Ece KONAÇ
Clinical Skills Education Coordinator	Teach. Assist. Dr. Baybars ATAOĞLU
Problem Based Learning Coordinator	Prof. Dr. Nur AKSAKAL
Evidence Based Medicine Coordinator	Prof. Dr. Mehmet Ali ERGÜN

CELL- TISSUE INJURY AND BASICS OF THE PHARMACOLOGY COMMITTEE

Aim:

Help to explain the stages and pathogenetic mechanisms of cell and tissue damage, types of inflammation, the pathogenesis of many diseases that cause death, the disorders of blood flow or fluid balance (hemodynamic), and the pathogenesis of diseases involving the immune system.
Define the pharmacogenetics, new drug development and autocoids, radioactivity, biological effects of immunological agents, drugs for immune system, trace elements and vitamins, immunomodulation, toxic effects of drugs, pharmacodynamics with effects, measurement of radiation and scanning with radiopharmaceuticals.
Learning of oxidant stress and leukocyte biochemistry.
Identification of different types of rheumatic disease

LEARNING OUTCOMES

Knowledge Based

To be able to:

LO-200-5-1- identify the pathological mechanisms and consequences that play a role in cell and tissue injury
LO-200-5-2- describe the developmental and morphological patterns and types of inflammation
LO-200-5-3- state the mechanisms of immune diseases and haemodynamic disorders
LO-200-5-4 define inflammation mechanism, hypersensitivity diseases and their classification,
LO-200-5-5 define autoimmunity and autoimmune diseases
LO-200-5-6 explain the importance of transplantation
LO-200-5-7 name the defense mechanisms against parasites, viruses, bactericides and fungi
LO-200-5-8 define the concepts of pharmacokinetics and pharmacodynamics
LO-200-5-9 explain pharmacovigilance of drug receptor association and factors that alter drug efficacy, drug toxicity
LO-200-5-10 summarise the steps of the new drug development process and explain their mechanisms related with genetic diversity, how the metabolism and effects of drugs change between individuals / ethnic groups
LO-200-5-11 identify autocoids
LO-200-5-12 explain the types of radiation used at medicine and radioactivity
LO-200-5-13 memorise the units of measurement related to radiation, radioactivity and radiation dosimetry
LO-200-5-14 define the physical basis of radiation interaction with biological systems and explain the effects of low dose radiation
LO-200-5-15 summarise the principle "ALARA"
LO-200-5-16 list the protection principles from radiation
LO-200-5-17 define radiopharmaceuticals and mechanisms of involvement
LO-200-5-18 interpret leukocyte biochemistry and Oxidative stress and the formation mechanisms of oxidative stress
LO-200-5-19 describe the rheumatic diseases and laboratory tests used in follow-up
LO-200-5-20 recall autoimmune mechanisms with organ-specific autoimmune diseases
LO-200-5-21 list the cellular and humoral immunological mechanisms of vasculitis, immune complex related laboratory tests
LO-200-5-22 explain antineutrophil cytoplasmic autoantibodies (ANCA)
LO-200-5-23 summarise the basic principles in the treatment of vasculitis

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Application Based (practical skills)

LO-200-5-24 practise radiological methods and electromagnetic wave spectrum
LO-200-5-25 distinguish thrombus, coagulation necrosis and caseification necrosis by microscope

Skills Based (intellectual and transferable skills)

LO-200-5-26 recognize the importance of immunology in medicine

LO-200-5-27 evaluate the radiological methods associated with almost all disciplines of medicine and the different types of energy used during the application of these methods
LO-200-5-28 specify the oxidative stress and leukocyte biochemistry

2017-2018 PHASE III ACADEMIC CALENDER

Onset of Academic Year: September 11, 2017; **End of Academic Year:** May 21, 2018

Semester: January 21, 2018- February 02, 2018

Course group	Onset	Termination	Quiz date	Excuse quiz	Final	Make up
Public Health / Systemic Enfection Agents and Mechanisims Committee	11/09/2017	23/10/2017	24/10/2017	28/05/2018 01/06/2018	07/06/2018* 08/06/2018* 11/06/2018**	27/06/2018* 28/06/2018**
Neoplasia and Hematopoietic System Committee	25/10/2017	16/11/2017	17/11/2017			
Respiratory and Cardiovascular Systems Committee	20/11/2017	19/12/2017	20/12/2017			
Gastrointestinal System Committee	21/12/2017	17/01/2018	18/01/2018			
Endocrin, Reproductive and Genitourinary Systems Committee	19/01/2018	22/03/2018	23/03/2018			
Nervous System and Psychiatry Course Committee	26/03/2018	24/04/2018	25/04/2018			
Skin-Muscle-Sceleton Systems Committee	26/04/2018	18/05/2018	21/05/2018			

Elective Course: Wednesday, 13:30-15:20

I.Term

Onset: 11.10.2017
Termination: 03.01.2018
Final: 10.01.2018 (13.30-15.20)
Make up: 17.01.2018 (13.30-15.20)

II. Term

Onset: 14.02.2018
Termination: 02.05.2018
Final: 09.05.2018 (13.30-15.20)
Make up: 16.05.2018 (13.30-15.20)

Medical English: Wednesday, 15.30-17.20

I. Term

Onset: 11.10.2017
Termination: 03.01.2018
Final: 10.01.2018 (15.30-17.20)
Make up: 17.01.2018 (15.30-17.20)

II. Term

Onset: 14.02.2018
Termination: 02.05.2018
Final: 09.05.2018 (15.30-17.20)
Make up: 16.05.2018 (15.30-17.20)

***Practical exams (Patholgy and Microbyology) **Theoretical exam**

GAZI UNIVERSITY FACULTY OF MEDICINE
AIM AND LEARNING OBJECTIVES FOR PHASE III

Aim:

At the end of academic year, the Phase III students are expected to be able to learn the basic concepts regarding the ethiopathogenesis, clinical features, laboratory and imaging findings of the diseases, and the therapeutic pharmacological approach, to gain the up-to-date information about public health applications and approaches, to acquire the basic and communication skills and capabilities of occupational applications and attitude that are required by the art of medicine.

Learning Objectives:

Knowledge:

1. To be able to define the causes of diseases (genetic, developmental, metabolic, toxic, microbiologic, auto-immunological, neoplastic, degenerative, traumatic, etc.).
2. To be able to sort and interpret the most common clinical, laboratory, radiological and pathological findings of frequent diseases seen in the population.
3. To be able to understand the mechanisms of damage and structural changes, produced by the diseases at cellular, tissue and organ levels, together with the progression of illnesses in time.
4. To be able to define the efficacy, mechanism of action (pharmacodynamics), side and adverse effects, pharmacokinetics, drug interaction, indications and contraindications of the drugs used in therapy.
5. To be able to learn and understand the microbiological basis of infectious diseases and the basic pre-clinical knowledge of infections.
6. To be able to describe the ethical concepts and principles of the art of medicine, and to assess and interpret the possible ethical issues.
7. To be able to define the health problems and health services in Turkey, to be able to explain the implications and application fields of epidemiologic research.
8. To be able to obtain and evaluate evidence-based data in the fields of risk factor assessment in health and early diagnosis, in the sense of public health.

Skills:

9. To be able to constitute an appropriate and effective communication with patients, patient relatives and health personnel, to be able to chose and administer the necessary basic inspection and diagnostic means in order to correctly diagnose the illness, in terms of *Introduction to Clinical skills.*
10. To be able to efficiently use the basic communication skills to initiate a friendly and effective relationship between the patient and the doctor, to be able to obtain the patient's cooperation, benefiting from the "Patient-Doctor Interview" practical course.
11. To be able to reach the meta-analysis results and assess a publication in terms of its place in evidence pyramid and its importance, by benefiting from the acquisitions of *Evidence Based Medicine* A*pplications* courses.

12. To be able to self-evaluate the insufficiencies in his/her knowledge background and to self-perform the necessary skills for obtaining the data, using the outcomes of *Problem Based Learning* (PBL) applications.
13. To be able to employ the techniques used in laboratory diagnosis of infectious agents.

Attitude:

14. To be able to interiorize the idea that priority of the physician is to prevent the diseases where possible, to make the necessary effort for healing the diseases in order to protect human health and lives.
15. To be able to realize the importance of an effective communication between the patient and the physician, for the achievement of a successful therapy.
16. To be able to interiorize the importance of lifelong and self-learning with the contribution of PBL sessions.
17. To be able to understand and interiorize the causes of diseases and the power of scientific methods in diagnosis and treatment of illnesses.
18. To be able to interiorize the idea of scientific thinking and critical questioning is the most reliable approach during the practice of medicine.

GAZI UNIVERSITY FACULTY OF MEDICINE

PHASE III 2017-2018

PUBLIC HEALTH/ SYSTEMIC INFECTION AGENTS AND MECHANISIMS

COURSE COMMITTEE

September 11 -October 23, 2017

Examination: October 24, 2017; 9.30am

Courses	Theoretical	Laboratory	Practice	Courses
PUBLIC HEALTH	37			37
MEDICAL MICROBIOLOGY	33	5x8		73
IMMUNOLOGY	5			5
MEDICAL PHARMACOLOGY	14			14
MEDICAL PATHOLOGY	3		1X2	5
INFECTIOUS DISEASES	1			1
NUCLEAR MEDICINE	1			1
MEDICAL ETHICS AND DEONTOLOGY	10			10
TOTAL	104	40	2	146
CLINICAL SKILLS EDUCATION (CSE)			1X4	4
EVIDENCE BASED MEDICINE			1X2	2
ELECTIVE COURSE	3X2			6
MEDICAL ENGLISH	3X2			6
ACADEMIC YEAR INFORMATION	1			1
TOPLAM				19
FREE RUN-TIME				82

Dean	Prof.Dr. Mehmet Sadık DEMİRSOY
Vice Dean	Assos.Prof.Dr. Taner AKAR
Vice Dean	Assoc.Prof.Dr.Okşan D. GÜLERYÜZ
Head Coordinator	Prof. Dr. M.Anıl ONAN
Assistant Head Coordinator	Prof.Dr.İrem BUDAKOĞLU
Assistant Head Coordinator(Eng)	Prof.Dr. M.Ali ERGÜN
Assistant Head Coordinator(Eng)	Assoc.Prof.Dr. L.Arzu ARAL
Phase III Coordinator	Assoc.Prof.Dr. Sevil ÖZGER-İLHAN
Assistant Phase III Coordinator	Assoc.Prof.Dr. İlyas OKUR
Assistant Phase III Coordinator	Assoc.Prof.Dr. Güldal ESENDAĞLI
Assistant Phase III Coordinator(Eng)	Assoc.Prof.Dr.Pınar UYAR GÖÇÜN
Assistant Phase III Coordinator(Eng)	Assoc.Prof.Dr.Ergin DİLEKÖZ
Assistant Phase III Coordinator	Lecturer Dr. Salih TOPAL
Assistant Phase III Coordinator	Dr.Zeynep BATUR ÇAĞLAYAN

Clinical Skills Education Coordinator	Lecturer Dr. M.Baybars ATAOĞLU
Evidence Based Medicine Coordinator	Prof.Dr. Mehmet Ali ERGÜN
Elective Course Coordinator	Assoc.Prof Ece KONAÇ
Medical English	Lecturer Sibel ÖZKIN Lecturer Özlem ÖZDEMİR

MEMBERS OF COURSE COMMITTEE

MEDICAL MICROBIOLOGY		**PUBLIC HEALTH**		**IMMUNOLOGY**
Dr.Kayhan ÇAĞLAR	Dr.Meltem YALINAY	Dr.F.Nur AKSAKAL	Dr. Mustafa İLHAN	Dr.E.Ümit BAĞRIAÇIK
Dr. Ayşe KALKANCI	Dr. Funda DOĞRUMAN AL	Dr. Asiye UĞRAŞ DİKMEN		Dr.Resul KARAKUŞ
MEDICAL PATHOLOGY	**MEDICAL PHARMACOL.**	**INFECTIOUS DISEASES**	**NUCLEAR MEDICINE**	**MEDICAL ETHICS AND DEONTOLOGY**
Dr.Güldal ESENDAĞLI	Dr. Zafer GÜNEY	Dr.Fatma ULUTAN	Dr.L.Özlem ATAY	Dr. Nesrin ÇOBANOĞLU

MEMBERS OF COURSE COMMITTEE

GAZİ UNIVERSITY FACULTY OF MEDICINE
AIM AND LEARNING OBJECTIVES FOR PHASE III
PUBLIC HEALTH/SYSTEMIC INFECTION FACTORS AND MECHANISMS COMMITTEE

Aim:

At the end of 33 days of academic course period, the Phase III students are expected to gain knowledge and attitude in order to provide and evaluate the evidence based data regarding the progress course of public health cognizance and risk factors in health, prophylaxis and early diagnosis fields. Students are expected to be able to understand and evaluate the structural features of infectious pathogens, mechanisms causing the diseases, diagnostic tools, clinical and microbiological approaches to hospital infections and microbial agents in a systematical manner.

Learning Objectives:

Knowledge:

1. To be able to explain the importance of primary health care institutions and understand their role in health care services.
2. To be able to sort the services offered at a Community Health Center and explain the management functions.
3. To be able to explain to the historical process of health policies in Turkey.
4. To be able to explain the responsibilities of central and provincial health organizations.
5. To be able to define health finance sources, and explain health expenditure dimensions.
6. To be able to list epidemiological criteria, to interpret based on these criteria, to define the basic strategy of epidemiology
7. To be able to sort the basic properties of descriptive researches, to explain the criteria of causality, to compare analytic research based on their properties and give examples, to explain the basic features and criteria of intervention studies with appropriate examples, to explain basic properties and criteria of methodological researches based on examples.
8. To be able to explain the concept of health recruitment, to provide examples of methods used in the enhancement of health.
9. To be able to define the term “infectious disease“, to sort infectious diseases according to contamination routes, to explain the methods of protection from infectious diseases for the prevention of diseases, with respect to contamination routes.
10. To be able to list the name of the vaccines, their doses and application protocols administered in Turkey in the childhood, pregnancy and adulthood.
11. To be able to define the term “cold chain” and to sort the components of cold chain.
12. To be able to define basic concepts in epidemiology of infectious diseases and explain the principles of surveillance of infectious diseases.
13. To be able to group infectious diseases of compulsory declaration.
14. To be able to list the steps of the outbreak investigation, explain the outbreak investigation principles and explain the outbreak control measures.

15. To be able to explain the post-vaccination adverse effect notification system.
16. To be able to define occupational health and safety status in Turkey and in the world
17. To be able to comprehend the Occupational Health Epidemiological Criteria
18. To be able to define the concept of work hygiene, comprehend workplace environmental factors and measurement methods.
19. To be able to define the concept of Occupational Disease and the causal risk factors
20. To be able to define the concept of work accident and the causal risk factors.
21. To be able to define the concept of extraordinary (emergency) situation and the causal factors, be able to comprehend healthcare components in emergency situations.
22. To be able to understand the components of public mental health and related risk factors.
23. To be able to understand the concept of dependence (addiction) and related risk factors.
24. To be able to describe the concept of environmental impact, to describe the concept of environmental disease, to list environmental impact types, and to list environmental factors (air pollution, water pollution, wastes, etc.) that can affect health.
25. To be able to describe the prolonged diseases and explain the prevention means.
26. To be able to define the concept of early diagnosis and be able to list early diagnosis methods for cronic diseases.
27. To be able to define the relationship between nutrition and health, be able to exemplify the requirements of correct and regular nutrition.
28. To be able to describe the concept of school and adolescent health.
29. To be able to explain the healthy child examination, in child health perspective, and to sort the steps of the healthy child examination.
30. To be able to express the concept of reproductive health.
31. To be able to define the concept of demography.
32. To be able to list the health problems brought about by the aging of society.
33. To be able to sort the types of accidents and ways to prevent accidents.
34. To be able to explain the concept of protection of health and health recruitment.
35. To be able to classify the basic properties of infectious diseases.
36. To be able to explain the pathology of infectious diseases.
37. To be able to interpret the mechanisms of bacterial, viral and parasitic diseases.
38. To be able to identify the body regions for sample collection for diagnostic purposes in infectious diseases.
39. To be able to sort infectious microbial agents based on systems.
40. To be able to evaluate the importance of infectious diseases with respect to public health.
41. To be able to classify diseases caused by infectious agents and explain the mechanisms
42. To be able to assess the importance and communal dimension of the infectious agents.

Skills:

43. To be able to apply and interpret the methods of microbiological sampling, examination, planting and staining.
44. To be able to sort and apply the diagnostic methods used for the laboratory diagnosis of infectious diseases.
45. To be able to perform antibiotics sensitivity tests and interpret the results.

Attitude:

46. To be able to comprehend the importance of infectious diseases, contribute to protect the society from the diseases caused by microorganisms, and collaborate with the necessary institutions. To be able to develop a perspective of *preventive medicine* regarding community health.

GAZI UNIVERSITY FACULTY OF MEDICINE

PHASE III 2017-2018

NEOPLASIA AND HEMATOPOIETIC SYSTEM COURSE COMMITTEE

October 25-November 16, 2017,

Examination: November 17, 2017

Courses	Theoretical	Laboratory	Practice	Courses
INTERNAL MEDICINE (Hematology)	**15**			**15**
INTERNAL MEDICINE (Oncology)	**3**			**3**
PEDIATRICS (Hematology)	**10**			**10**
PEDIATRICS (Oncology)	**3**			**3**
PEDIATRICS (Allergy-Immunology)	**1**			**1**
MEDICAL PATHOLOGY	**10**	**1x2**		**12**
MEDICAL MICROBIOLOGY	**7**	**1x8**		**15**
MEDICAL PHARMACOLOGY	**5**			**5**
PUBLIC HEALTH	**2**			**2**
IMMUNOLOGY	**2**			**2**
MEDICAL GENETICS	**2**			**2**
NUCLEAR MEDICINE	**1**			**1**
RADIOLOGY	**1**			**1**
TOTAL	**62**	**10**		**72**
ELECTIVE COURSE	**4X2**			**8**

MEDICAL ENGLISH	**4X2**			**8**
Questions Analysis of Last Committee Exam and Feedback	**1**			**1**
TOTAL				**17**
FREE RUN-TIME				**47**

Dean	Prof.Dr. Mehmet Sadık DEMİRSOY
Vice Dean	Assos.Prof.Dr. Taner AKAR
Vice Dean	Assoc.Prof.Dr.Okşan D. GÜLERYÜZ
Head Coordinator	Prof. Dr. M.Anıl ONAN
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Assistant Phase III Coordinator	Assoc.Prof.Dr. İlyas OKUR
Assistant Phase III Coordinator	Assoc.Prof.Dr. Güldal ESENDAĞLI
Assistant Phase III Coordinator(Eng)	Assoc.Prof.Dr.Pınar UYAR GÖÇÜN
Assistant Phase III Coordinator(Eng)	Assoc.Prof.Dr.Ergin DİLEKÖZ
Assistant Phase III Coordinator	Lecturer Dr. Salih TOPAL
Assistant Phase III Coordinator	Dr.Hale Zeynep BATUR ÇAĞLAYAN
Course Committee Head	Prof.Dr. Rauf HAZNEDAR

Elective Course Coordinator	Assos.Prof.Dr. Ece Konaç
Medical English	Lecturer Sibel ÖZKIN

MEMBERS OF COURSE COMMITTEE

INTERNAL MEDICINE (Hematology)	**PEDIATRICS (Hematology)**	**PEDIATRICS (Oncology)**	**MEDICAL MICROBIOLOGY**
Dr. Münci YAĞCI Dr. Rauf HAZNEDAR Dr. Z.Nur ÖZKURT Dr. Z. Arzu YEĞİN	Dr. Ülker KOÇAK Dr. Deniz ARSLAN Dr. İdil YENİCESU Dr. Zühre KAYA	Dr. F.Güçlü PINARLI Dr. Arzu OKUR **PEDIATRICS (Allergy-Immunology)** Dr.Arzu BAKIRTAŞ	Dr.Meltem YALINAY Dr.Funda DOĞRUMAN-AL Dr. Ayşe KALKANCI
INTERNAL MEDICINE (Oncology)	**RADİOLOGY**	**MEDICAL PATHOLOGY**	**PUBLIC HEALTH**
Dr.Aytuğ ÜNER Dr.Nazan GÜNEL	Dr. Gonca ERBAŞ	Dr. Gülen AKYOL Dr. Nalan AKYÜREK	Dr. Asiye UĞRAŞ DİKMEN

Dr.Ahmet ÖZET			
MEDICAL GENETICS	**NUCLEAR MEDICINE**	**MEDICAL PHARMACOLOGY**	**IMMUNOLOGY**
Dr. Mehmet Ali ERGÜN	Dr.L.Özlem ATAY	Dr. Zafer GÜNEY	Dr.E.Ümit BAĞRIAÇIK

GAZİ UNIVERSITY FACULTY OF MEDICINE
AIM AND LEARNING OBJECTIVES FOR PHASE III
NEOPLASIA AND HEMATOPOIETIC SYSTEM COURSE COMMITTEE

Aim:

Following 16 days of Neoplasia and Hematopoietic system committee education, the students are expected to gain knowledge about the prevalence, importance, underlying mechanisms and diagnostic methods of neoplastic and hematopoietic system diseases, and, therapeutic agents and their mechanisms of action, built up on through understanding of the formation, development and pathology of hematopoietic system and tumor formation, development and pathophysiology.

Learning Objectives:

Knowledge:

1. To be able to describe the concepts of embryonic stem cells, induced pluripotent stem cells and hematopoietic stem cells, to define hematopoietic stem cell and bone marrow micro environmental relationship, to summarize the bone marrow structure and function.
2. To be able to define the term *bone marrow failure*, to sort and list clinical and laboratory findings of the disease, to list the frequently observed causes of bone marrow failure, to be capable of approaching for preliminary and differential diagnosis.
3. To be able to list the causes of anemia which are common in childhood and adulthood, to list clinical and laboratory findings of anemia, to make differential diagnosis between the causes of anemia.
4. To be able to comprehend the physiology of iron-metabolism, to sort the clinical and pathological conditions observed frequently in iron metabolism, to summarize clinical and laboratory findings.
5. To be able to list the etiological factors of iron deficiency anemia, to tell clinical and laboratory findings and to make the differential diagnosis, to learn and comprehend the treatment methods and treatment follow-up, to sort the risk groups for iron deficiency and preventive measures and treatments.
6. To be able to define the concepts of megaloblastic and macrocytosis, to be able to list the etiological factors of megaloblastic anemia and macrocytosis, to be able to describe the absorption, transport and reactions of cobalamin and folic acid that are taking place in megaloblastic anemia physiopathology, to list the pathological and clinical conditions of cobalamin and folic acid metabolism, leading to megaloblastic anemia, the clinical and

laboratory findings, the diagnosis and treatment methods, to be able to tell daily requirements for cobalamin and folic acid, to summarize risk groups and preventive measures for cobalamin and folate deficiency.

7. To be able to understand the concepts of coagulation and physiology of fibrinolysis in the context of haemostasis physiology, to classify congenital or acquired primary and secondary hemostasis disorders and list the clinical and laboratory findings, to make differential diagnosis between hemorrhagic disorders, to describe the examination approach to a hemorrhagic patient, and to interpret first-step diagnostic tests.
8. To be able to identify the concepts of haemolysis and haemolytic anemia, to list the etiological factors of haemolysis and to classify the haemolytic anemia appropriately, to list the differences between immunological and non-immunological hemolytic anomalies, to list the differences between intravascular and extravascular haemolysis, to list diagnostic methods and clinical and laboratory findings of a hemolytic anemia patient, to be able to differentiate between hemolytic anemia and other diseases those may be misdiagnosed.
9. To be able to interpret clinical and laboratory findings of hereditary hemolytic anemia, to explain the physiological role of erythrocyte membrane skeleton, to list and describe the names of crucial membrane proteins, and how deficiency of these proteins would effect the membrane and the shape of the erythrocyte, to interpret the hemolysis mechanisms and the role of spleen in hereditary spherocytosis, to describe clinical and laboratory findings, and, complications of hereditary spherocytosis and elliptocytosis, to describe the clinical manifestation of erythrocyte enzyme deficiencies, to classify the erythrocyte enzyme deficiencies, to list physiopathological, clinical and laboratory features of hereditary hemoglobin disorders and thalassemia syndromes, to comprehend the differential diagnostic and therapeutic methods, to sort and list the preventive techniques.
10. To be able to list the thrombotic events frequently observed in childhood and adulthood, to summarize the physiopathological progress and clinical and laboratory findings of thrombosis, to describe risky factors for thrombosis and preventive measures.
11. To be able to list the blood components and basic properties of these components, to explain the additional procedures applied to the blood components and the necessities of these procedures, to list the indications of the blood component therapy, to describe the basic principles to be followed during the blood component transfusion and the possible adverse effects that can develop.
12. To be able to define myeloproliferative diseases, to understand the pathophysiology of myeloproliferative diseases, to know the clinical and laboratory characteristics of myeloproliferative diseases, to list and explain the required diagnostic test for myeloproliferative diseases and how to interpret the test results, to discriminate myeloproliferative diseases.
13. To be able to classify the pathophysiology of lymphoma, to summarize the clinical and laboratory findings, and, diagnostic methods.
14. To be able to sort the types of plasma cell dyscrasias, to describe the common features and the differences, clinical and laboratory findings, diagnostic methods of diseases in this group.
15. To be able to describe the factors that play a role in the etiopathogenesis of neoplasia, be able to comprehend the cytopathology, genetics and physiopathology of cancer, possess knowledge about basic definitions.
16. To be able to sort and describe the common cancer types, their importance in terms of community health, diagnostic features and early diagnosis methods, to comprehend the importance of early diagnosis.

17. To be able to explain laboratory methods used in cancer diagnosis, be able to list microorganisms which may cause infections in immunosuppressive patients, be able to explain viruses with oncogenic potential and their contributions to pathogenesis.
18. To be able to explain the principles of cancer treatment, pharmacokinetics, pharmacodynamics, effects and complications of chemotherapeutics, to know surgical approaches used in cancer treatment, to explain treatment options with radiotherapy.
19. To be able to explain environmental factors that can affect health (air pollution, water pollution, wastes, etc.), to list cronic diseases and explain the ways of prevention, to be able to define the concept of early diagnosis and be able to list early diagnosis methods for chroic diseases, be able to describe nutrition and health relation.
20. To be able to know normal lymph node histology and basic reactive lymphadenopathy patterns.
21. To be able to identify the lymphadenitis and to list the lymphadenitis types.
22. To be able to list common causes of lymphadenopathy.
23. To be able to classify the lymph node and spleen tumors.
24. To be able to cite the causes that often lead to splenomegaly, to define hypersplenism and list its causes.
25. To be able to know and list the Hodgkin lymphoma etiopathogenesis, histological classification, clinical features and staging.
26. To be able to describe the basic classification of non-Hodgkin's lymphomas and the properties of different types.
27. To be able to distinguish Hodgkin and non-Hodgkin lymphomas.
28. To be able to define neoplasms with histiocytic and dendritic cells.
29. To be able to know the basic features of Langerhans cell histiocytosis.

Skills:

30. To be able to constitute an appropriate and effective communication with patients, patient relatives and health personnel, to be able to chose and administer the necessary basic inspection and diagnostic means
31. To be able to enumerate and apply the diagnostic methods used for the laboratory diagnosis of opportunistic fungal infections, be able to collect samples and apply planting techniques.

Attitude:

32. To be able to comprehend the importance of hematologic and oncologic diseases and to develop a viewpoint of preventive medicine, to be able to define physician identity, deontology, medical ethics, ethics-deontology-law relation.

GAZI UNIVERSITY FACULTY OF MEDICINE

PHASE III 2017-2018

RESPIRATORY AND CARDIOVASCULAR SYSTEMS COMMITTEE

November 20, 2017-December 19, 2017

Exam: December 20, 2017- 09:30am

Courses	Theoretical	Practice	Panel	Total
Medical Pathology	22	2X2		26
Medical Pharmacology	25		1 (CVS &Pharmacology)	26
Cardiology	12			12
Child Health and Disease **Ped.Cardiology** **Ped.Chest Diseases** **Neonatology**	16 13 2 1			16
Medical Microbiology	9	1x8		11
Chest Diseases	6			6
Ear Nose Throat	5			5
Radiology	3			3
Anaesthesia and Reanimation	2			4
Medical Biochemistry	2			2
Nuclear Medicine	2			2
Public Health	1			1
Cardiovascular Surgery	-		1	1
TOTAL	105	12	1	118
Elective Course	8			8
Medical English	8			8
Communication Skills	2	12		14
Exam Analysis and Feedback	1			1
Total	124	24	1	149
Free Run-Time	20			

Dean	Prof.Dr. Mehmet Sadık DEMIRSOY
Vice Dean	Assos.Prof.Dr. Taner AKAR
Vice Dean	Assos.Prof.Dr Sevil ÖZGER-İLHAN
Head Coordinator	Prof. Dr. M.Anıl ONAN
Assistant Head Coordinator (ENG)	Prof.Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof.Dr.İrem BUDAKOĞLU
Assistant Head Coordinator	Assoc.Prof.Dr. L.Arzu ARAL
Phase III Coordinator	Assoc.Prof.Dr. İlyas OKUR
Assistant Phase III Coordinator	Assoc.Prof.Dr. Ergin DİLEKÖZ
Assistant Phase III Coordinator	Assoc.Prof.Dr. Güldal ESENDAĞLI
Assistant Phase III Coordinator (ENG)	Assoc.Prof.Dr. Pınar UYAR GÖÇÜN
Assistant Phase III Coordinator	Lecturer Dr Salih TOPAL
Assistant Phase III Coordinator	Dr. Hale Zeynep BATUR ÇAĞLAYAN
Course Committee Head	Prof.Dr.Bülent BOYACI

Communication Skills Coordinator	Prof. Dr. Fatma ULUTAN
Elective Course Coordinator	Assos.Prof. Dr Ece KONAÇ
Medical English	Lecturer Sibel ÖZKIN

Members of Committe

Child Health and Diseases		**Medical Pathology**	**Cardiology**	
Dr. Deniz OĞUZ	Dr. Ayşe ASLAN	Dr. Nalan AKYÜREK	Dr. Atiye ÇENGEL	Dr.Sedat TÜRKOĞLU
Dr. Sedef TUNAOĞLU	Dr. Ebru ERGENEKON	Dr. Özgür EKİNCİ	Dr.Murat ÖZDEMİR	Dr. Adnan ABACI
Chest Disease		Dr. İpek Işık GÖNÜL	Dr. Gülten TAÇOY	Dr. Asife ŞAHİNARSLAN
Dr. Haluk TÜRKTAŞ	Dr. İ. Kıvılcım OĞUZÜLGEN	**Public Health**	**ENT**	
Dr. Nurdan KÖKTÜRK	Dr. Müge AYDOĞDU	Dr. Mustafa Necmi İLHAN	Dr. Mehmet DÜZLÜ	Dr. Utku AYDİL
Dr Nilgün Yılmaz Demirci			Dr. Yusuf KIZIL	Dr. Recep KARAMERT
Medical Microbiology	**Radiology**	**Medical Pharmacology**	**Anesthesiology**	**Medical Biochemistry**
Dr.Kayhan ÇAĞLAR	Dr. Gonca ERBAŞ	Dr. Canan ULUOĞLU	Dr. Nurdan BEDİRLİ	Dr. Cemal ÇEVİK
Dr. Meltem YALINAY	Dr. Erhan ILGIT	Dr. Zafer GÜNEY	**Nuclear Medicine**	**Cardiovascular Surgery**
Dr. Ayşe KALKANCI	Dr. Hüseyin Koray KILIÇ	Dr. Ergin DİLEKÖZ	Dr. Mustafa ÜNLÜ	Dr. Hakan ZOR
Dr.Funda DOĞRUMAN AL			Dr.Neşe ILGIN-KARABACAK	

AIM AND LEARNING OBJECTIVES OF COURSE

Aim: At the end of 24 days of committee course, the students are expected to increase their knowledge of prevalence, importance, underlying mechanisms, diagnostic methods, therapeutic agents and their mechanisms of effect, regarding respiratory and circulatory system diseases.

Learning Objectives:

Knowledge:

1. To be able to comprehend the prevalence and importance of respiratory and circulatory system diseases.
2. To be able to list viral, bacterial and fungal infectious agents causing respiratory tract infections and to distinguish their differences
3. To be able to understand pathophysiology and symptomatology of upper and lower respiratory tract diseases
4. To be able to describe the symptomatology of upper respiratory problems such as dysphonia, nasal congestion/stuffiness, and obstruction.
5. To be able to understand the pathophysiology and symptomatology of ear pain and ear discharge.
6. To be able to classify larynx and pharynx diseases and lymphoid tissue pathologies.
7. To be able to understand the pharmacology of the autonomic nervous system.
8. To be able to recite the names, effects, mechanisms of action, indications and contraindications of sympathomimetic, sympatholytic, parasympathomimetic and parasympatholytic drugs.
9. To be able to enumerate the steps of respiratory and circulatory system examination and approach to the patient.
10. To be able to define the pathophysiology of infectious diseases and circulatory disorders of the lung.
11. To be able to interpret obstructive pulmonary diseases, tuberculosis and lung tumors in a multi-faceted manner.
12. To be able to explain the pathology of mediastinal diseases and accomplish the radiological evaluation.
13. To be able to define normal heart sounds, cyanosis and murmurs and evaluate their clinical significance.
14. To be able to define fetal circulation and newborn circulation and to distinguish their differences.
15. To be able to define cardiac pathologies and problems clinically and to make differential diagnosis in adults and children.
16. To be able to define the physiopathology and clinical and radiological findings of heart valve diseases.

17. To be able to define and comprehend the pathology of endocardial, myocardial and pericardial diseases.
18. To be able to comprehend physiopathology of hearth failure and to define its symptoms.
19. To be able to recite the importance, diagnosis, complications, treatment options and ways of protection of hypertension.
20. To be able to explain the etiopathogenesis, diagnosis and treatment of vascular diseases.
21. To be able to explain the effects, pharmacokinetics, pharmacodynamics, indications, contraindications, adverse effects and drug interactions of the drugs used in the treatment of circulatory and respiratory system diseases.
22. To be able to understand physiopathology and symptomatology of coronary circulation and coronary artery diseases.
23. To be able to define and enumerate biochemical tests used in the diagnosis and follow-up of the heart diseases.
24. To be able to describe and enumerate the steps of cardiopulmonary resuscitation.

Skills:

25. To be able to constitute an appropriate and effective communication with patients, patient relatives and health personnel, to be able to chose and administer the necessary basic inspection and diagnostic means
26. To be able to carry out the laboratory diagnosis of infectious microbial agents of respiratory tract.

Attitude:

27. Understanding the importance of respiratory and circulatory system diseases and developing preventive medicine perspective.
28. Being able to diagnose and make the differential diagnosis of diseases/symptoms and comprehend the significance.
29. Being able to comprehend the significance of delivering life support.
30. Internalizing the importance of life long self-learning with the contribution of PBL sessions.

GAZI UNIVERSITY FACULTY OF MEDICINE
PHASE III 2017-2018
GASTROINTESTINAL SYSTEM COURSE COMMITTEE
December 21st, 2017 - January 17th, 2018
Examination: January 18th , 2018- 09.30 AM

Courses	Theoretical	Panel	Lab.	Practice	Courses
INTERNAL MEDICINE (Gastroenterology)	20	1+1 (M.Biochemistry/ Internal medicine)			21
INTERNAL MEDICINE (Oncology)	1				1
GENERAL SURGERY	1				1
PEDIATRICS Nutrition-Metabolism	1				1
PEDIATRICS Gastroenterology	1				1
MEDICAL PATHOLOGY	17			1×2	19
MEDICAL MICROBIOLOGY	19		2×8		35
MEDICAL PHARMACOLOGY	5				5
MEDICAL BIOCHEMISTRY	3	1+1 (M.Biochemistry/ Internal medicine)	1×3		7
PUBLIC HEALTH	1				1
IMMUNOLOGY	1				1
NUCLEAR MEDICINE	1				1
RADIOLOGY	4				4
TOTAL	75	2	19	2	98
CLINICAL SKILLS EDUCATION (CSE) (Nasogastric Catheter Insertion Skill)				**1×4**	4
ELECTIVE COURSE	**3×2**				6
MEDICAL ENGLISH	**3×2**				6
TOTAL	**12**			**4**	16
FREE RUN-TIME					26

Dean	Prof. Dr. Mehmet Sadık DEMIRSOY
Vice Dean	Assoc. Prof.Dr. Taner AKAR
Vice Dean	Assoc. Prof.Dr.Sevil ÖZGER-İLHAN
Head Coordinator	Prof. Dr. M.Anıl ONAN
Assistant Head Coordinator (Eng.)	Prof. Dr. Mehmet Ali ERGÜN
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Assistant Phase III Coordinator (Eng)	Assoc. Prof.Dr. Pınar UYAR GÖÇÜN
Assistant Phase III Coordinator	Lecturer.Dr. Salih TOPAL
Assistant Phase III Coordinator	Spec.Dr. Hale Zeynep BATUR ÇAĞLAYAN
Course Committee Head	Assoc. Prof.Dr. Mehmet İBİŞ

Problem Based Learning (PBL) Coordinator	Prof.Dr. Nur BARAN AKSAKAL
Clinical Skills Education (CSE) Coordinator	Lecturer Dr.Baybars ATAOĞLU
Elective Course Coordinator	Assoc.Prof.Dr. Ece Konaç
Medical English	Lecturer Sibel ÖZKIN Lecturer Özlem ÖZDEMİR

MEMBERS OF COURSE COMMITTEE

INTERNAL MEDICINE				**PEDIATRICS**	
Gastroenterology			**Medical Oncology**	**Gastroenterology**	**Metabolism & Nutrition**
Dr. Seren ÖZENİRLER	Dr. Mehmet CİNDORUK	Dr. Tarkan KARAKAN	Dr.Nazan GÜNEL	Dr. Ödül EĞRİTAŞ GÜRKAN	Dr. Fatih S. EZGÜ
Dr. Mehmet İBİŞ	Dr. Mehmet ARHAN	Dr. İbrahim DOĞAN	**GENERAL SURGERY**	**MEDICAL PATHOLOGY**	
			Dr. Mustafa KEREM	Dr. Gülen AKYOL	Dr.Özgür EKİNCİ
MEDICAL MICROBIOLOGY		**PUBLIC HEALTH**	**RADIOLOGY**		
Dr. Kayhan ÇAĞLAR	Dr. Meltem YALINAY	Dr. F. Nur B. AKSAKAL	Dr. Suna Ö. OKTAR	Dr. Cem YÜCEL	Dr. Yusuf ÖNER
Dr. Ayşe KALKANCI	Dr. Funda DOĞRUMAN AL	**NUCLEAR MEDICINE**	**MEDICAL BIOCHEM.**	**IMMUNOLOGY**	**MEDICAL PHARMACOLOGY**
		Dr. Neşe ILGIN KARABACAK	Dr.Cemal ÇEVİK	Dr.Ayşegül ATAK YÜCEL	Dr.Ergin DİLEKÖZ

AIM AND LEARNING OBJECTIVES FOR COURSE COMMITTEE

Aim: At the end of 19 days of committee course, the students are expected to be able to sort and recite the underlying mechanisms, pathology, biochemical mechanisms, symptomatology, clinical progress, laboratory findings and assessment, imaging findings, and, pharmacological approaches of gastrointestinal system and liver diseases, to be able to enumerate and evaluate the viral, parasitic and bacterial factors causing infections of this system, to be able to comprehend the importance of nutrition in the society and the basic concepts of nutrition.

Learning Objectives:

Knowledge:

1. To be able to define the terminology and symptomatology of gastrointestinal and hepatobiliary systems and nutrition

2. To be able to evaluate oral and salivary gland diseases, and define pathological basis.

3. To be able to explain the physiopathology of esophageal motor dysfunctions and reflux, describe the pathology and characteristics of diseases

4. To be able to describe the pathology and functional disorders of gastric diseases, recall the mechanisms of action of drugs used in peptic ulcer.

5. To be able to comprehend the immunological basis of small and large intestine diseases, define pathological and radiological features.

6. To be able to know the approach to diseases with acute and persistent abdominal pain, manage the evaluation of radiological and pharmacological aspects.

7. To be able to define the pathology and symptomatology of liver, biliary tract and pancreatic diseases, perform the biochemical and radiological assessments.

8. To be able to employ clinical approach to childhood liver diseases.

9. To be able to evaluate clinic and pathology of gastrointestinal system tumors.

10. To be able to define the importance of nutrition, its basic concepts, the prevalence of nutritional deficiencies and the factors affecting them

11. To be able to identify the laboratory techniques and diagnostic criteria for microorganisms that cause gastrointestinal system infections.

Skills:

1. To be able to perform the biochemical evaluation of hepatic functions and bilirubin metabolism, and interpret the findings.

2. To be able to practice laboratory diagnosis of the microorganisms (bacteria, viruses and parasites), that cause infections in gastrointestinal and hepatic system.

Attitude:

1. To be able to understand the importance of gastrointestinal system diseases, be aware of related symptoms and findings, exert diagnostic approach

GAZI UNIVERSITY FACULTY OF MEDICINE
2017-2018 PHASE III
ENDOCRINE, REPRODUCTIVE AND GENITOURINARY SYSTEMS COURSE COMMITTEE
January 19, 2018 – March 22 2018 (Semester holiday: Jan 21-Feb 2, 2018)
Exam : March 23, 2018, 9.30am

COURSES	THEORETİCAL	PANEL	LAB	PRACTISE	TOTAL
PATHOLOGY	29			**(1 x 2) +(1x2)**	33
PHARMACOLOGY	17				17
INTERNAL MEDICINE (Endocrinology)	12				12
INTERNAL MEDICINE (Nephrology)	13				13
PEDIATRY (Endocrinology)	5				5
PEDIATRY (Nephrology)	8				8
UROLOGY	5				5
OBSTETRICS AND GYNECOLOGY	10	(1x4 st)+ (2X2 st T.Gen. ile)			16
MICROBIOLOGY	**7**		**-**	**-**	**7**
BIOCHEMISTRY	8		**1X4**		12
RADIOLOGY	3				3
NUCLEAR MEDICINE	3				3
MEDICAL GENETICS	3	2 (KHD)			5
MEDICAL ETHICS AND DEONTOLOGY	5				5
PUBLIC HEALTH	3				3
TOTAL	**127**	**8**	**4**	**4**	**143**
CLINICAL SKILLS EDUCATION (Urinary Catheter Insertion Skill) (Suturing Skill)				**2X4**	**8**
ELECTIVE COURSE	**6X2**				**12**
MEDICAL ENGLISH	**6X2**				**12**
TOTAL	**24**			**8**	**32**
Questions Analysis and Feadback	**1**				**1**
Free Run Tıme	**90**				
GENERAL TOTAL	**144**	**8**	**4**	**16**	**260**

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Vice Dean	Assoc.Prof.Dr. Sevil ÖZGER-İLHAN
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Assistant Phase III Coordinator	Assos.Prof.Dr. Pınar UYAR GÖÇÜN
Assistant Phase III Coordinator	Lecturer Dr. Salih TOPAL
Assistant Phase III Coordinator	Spec. Dr. Hale Zeynep BATUR ÇAĞLAYAN
Course Committee Heads	Prof.Dr.Nuri ÇAKIR (Endocrine) Prof.Dr. Mesut ÖKTEM (Reproductive) Prof.Dr. Ülver DERİCİ (Genitourinary)

Clinical Skills Education (CSE) Coordinator	Lecturer Dr.Baybars ATAOĞLU
Elective Course Coordinator	Assoc.Prof.Dr. Ece Konaç
Medical English	Lecturer Sibel ÖZKIN Lecturer Özlem ÖZDEMİR

MEMBERS OF COURSE COMMITTEE

PATHOLOGY	***INTERNAL MEDICINE***		***PEDIATRICS (Nephrology)***	***PHARMACOLOGY***
	Endocrinology	***Nephrology***		
Dr.Aylar POYRAZ	Dr.Ayhan KARAKOÇ	Dr.Yasemin ERTEN	Dr.Sevcan BAKKALOĞLU-EZGÜ	Dr.Çimen KARASU
Dr. Özlem ERDEM	Dr.Füsun B. TÖRÜNER	Dr.Galip GÜZ	Dr.Necla BUYAN	Dr.Canan ULUOĞLU
Dr.İpek IŞIK GÖNÜL	Dr. Müjde AKTÜRK	Dr. Ülver DERİCİ	Dr.Oğuz SÖYLEMEZOĞLU	Dr.Ergin DİLEKÖZ
Dr.Pınar UYAR GÖÇÜN	Dr. Alev E. ALTINOVA	Dr.Kadriye ALTOK	Dr.Kibriya FİDAN	***MICROBIOLOGY***
OBSTETRICS AND GYNEACOLOGY		***BIOCHEMISTRY***	***PEDIATRICS (Endocrinology)***	Dr. Kayhan ÇAĞLAR
Dr. Anıl ONAN	Dr. Rıfat H. GÜRSOY	Dr. Neslihan BUKAN	Dr.Orhun ÇAMURDAN	Dr.Meltem YALINAY
Dr. R. Onur KARABACAK	Dr. M. Zeki TANER	Dr.Aylin SEPİCİ DİNÇEL	***RADIOLOGY***	Dr. Ayşe KALKANCI
Dr.Merih BAYRAM	Dr.Tuncay NAS		Dr.Öznur KONUŞ BOYUNAĞA	***UROLOGY***
Dr.Ahmet ERDEM	Dr.Mehmet ERDEM	***PUBLIC HEALTH***	Dr.Cem YÜCEL	Dr.Turgut ALKİBAY
Dr.Nuray BOZKURT	Dr.Mesut ÖKTEM	Dr.Nur BARAN-AKSAKAL	Dr.Serap GÜLTEKİN	Dr.Bora KÜPELİ
Dr. Deniz KARÇAALTINCABA	Dr. İsmail GÜLER	Dr.Asiye U.DİKMEN	***NUCLEAR MEDICINE***	Dr..Lütfi TUNÇ
MEDİCAL GENETICS		***MEDICAL ETHICS DEONTOLOGY***	Dr.Neşe İLGİN KARABACAK	Dr. Ö. Serhat GÜROCAK

Dr.Meral YİRMİBEŞ KARAOĞUZ	Dr.Mehmet Ali ERGÜL	Dr.Nesrin ÇOBANOĞLU	Dr.Ü.Özgür AKDEMİR	Dr.Süleyman YEŞİL

AIM AND LEARNING OBJECTIVES FOR COURSE COMITTEE

Aim:

At the end of 36 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:

1. To be able to define terminology and symptomatology of endocrine, reproductive and urinary systems.

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.

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.

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.

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.

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.

7. To be able to list acute and long-term complications of diabetes mellitus and to be able to explain its clinical features.

8. To be able to list pharmacological properties of insulin hormone and drugs used in the treatment of diabetes mellitus.

9. 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.

10. 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.

11. To be able to explain the physiology of growth and to describe its disorders.

12. To be able to list the physiological properties of puberty and to define disorders of puberty.

13. To be able to explain biochemistry of disorders of gonadal hormones, to list the causes of male hypogonadism and define clinical its features.

14. To be able to classify and describe diseases of menstruation and ovulation disorders.

15. To be able to classify and describe the inflammatory and neoplastic diseases of female genital system organs and define pathological features.

16. To be able to explain physiology of fetus and placenta.

17. To be able to classify and describe placental and trophoblastic diseases

18. To be able to explain the physiology of pregnancy, the physiology of lactation, and the genesis of pregnancy.

19. To be able to list pregnancy screening and prenatal diagnostic tests.

20. To be able to explain the methods for genetic counseling.

21. To be able to explain normal delivery physiology and mechanisms of labor.

22. To be able to define the symptoms in gynecology, to be able to list the diagnostic methods based on clinical and imaging findings.

23. To be able to explain reproductive physiology, define and classify infertility, explain diagnosis methods.

24. To be able to define, list and explain birth control methods.

25. To be able to classify and name the pharmacological agents used in contraception.

26. To be able to be aware of the concept of gender in sociological terms, to label the significance of reproductive health and its problems.

27. To be able to describe the tests used in the diagnostic approach to kidney diseases.

28. To be able to understand the evaluation of urinary system symptomatology.

29. To be able to explain renal hemodynamics and urine formation.

30. To be able to define and interpret the mechanisms that form acid-base balance.

31. To be able to describe and interpret liquid and electrolyte system disorders.

32. To be able to evaluate the pathologies of urinary system diseases.

33. To be able to define the diagnosis, pathology and clinical findings of glomerular diseases.

34. To be able to know the approach to proteinuria and haematuria patients.

35. To be able to know the approach to a patient with edema

36. 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.

37. To be able to enumerate the congenital anomalies of the urinary system and recall their diagnosis.

38. 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.

39. To be able to define cause-and-effect relationships of acute and prolonged renal failure.

40. To be able to recall specific and nonspecific infections of the urinary system.

41. To be able to tell the types of urinary system stones and to define clinical manifestations.

42. To be able to have knowledge about pathologies of the urogenital system tumors.

43. To be able to label and interpret the imaging methods used in the diagnosis of urinary system diseases.

Skills:

1. To be able to constitute an appropriate and effective communication with patients, patient relatives and health personnel, to be able to chose and administer the necessary basic inspection and diagnostic means

2. To be able to carry out the laboratory diagnosis of infectious microorganisms of the genitourinary system.

3. To be able to perform urinary system examination.

4. To be able to measure the blood pressure.

5. To be able to employ complete urine evaluation with urine strips and microscopy.

Attitude:

1. 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.

2. To be able to recognize and distinguish the symptoms of the diseases and understand their importance.

GAZI UNIVERSITY FACULTY OF MEDICINE

PHASE III 2017-2018

NERVOUS SYSTEM AND PSYCHIATRY COURSE COMMITTEE

March 26-April 25, 2018

Examination: April 25, 2018- 09.30pm

Courses	Theoretical	Panel	Practice	Total
MEDICAL PATHOLOGY	9		2x2	13
MED. PHARMACOLOGY (MPh)	18	1 panel (1 h with MG)	-	19
PSYCHIATRY	17	-	-	17
NEUROLOGY (N)	9	6 panel (5 h with PN, 2 h with Phys)	-	16
PEDIATRICS (Pediatric Neurology) (PN)	-	5 panel (5 h with N)		1
ANESTHESIOLOGY	1			1
OTORHINOLARYNGOLOGY	2			2
PEDIATRIC MENTAL HEALTH	2			2
OPHTALMOLOGIA	1			1
MEDICAL MICROBIOLOGY	3			3
MEDICAL BIOCHEMISTRY	1			1
IMMUNOLOGY	2			2

PUBLIC HEALTH	**2**			**2**
RADIOLOGY	**3**			**3**
NUCLEAR MEDICINE	**1**			**1**
PHYSIOLOGY (Phys)	**-**	**1 panel (2 h with N)**		**1**
MEDICAL GENETİCS (MG)	**-**	**1 panel (1 h with MPh)**		**1**
TOTAL	**71**	**7 panel (8 h)**	**4**	**84**
PROBLEM BASED LEARNING (PBL)			**3X2**	**6**
ELECTIVE COURSE	**4X2**			**8**
MEDICAL ENGLISH	**4X2**			**8**
TOPLAM	**28**		**16**	**44**
FREE RUN-TIME	**27**			

Dean	Prof.Dr. Mehmet Sadık DEMİRSOY
Vice Dean	Assoc.Prof.Dr. Sevil ÖZGER-İLHAN
Vice Dean	Assoc.Prof.Dr. Taner AKAR
Head Coordinator	Prof. Dr. M.Anıl ONAN
Assistant Head Coordinator	Prof.Dr. M.Ali ERGÜL
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Phase III Coordinator	Assoc.Prof.Dr. İlyas OKUR
Assistant Phase III Coordinator	Assoc.Dr. Ergin DİLEKÖZ
Assistant Phase III Coordinator	Assoc. Dr. Güldal ESENDAĞLI
Assistant Phase III Coordinator	Assoc.Dr.Pınar UYAR GÖÇÜN
Assistant Phase III Coordinator	Lecturer Dr. Salih TOPAL
Assistant Phase III Coordinator	Dr. Hale Zeynep BATUR ÇAĞLAYAN
Course Committee Head	Prof.Dr.Reha KURUOĞLU

Problem Based Learning (PBL) Coordinator	Prof.Dr. Nur BARAN-AKSAKAL
Elective Course Coordinator	Assoc.Prof.Dr. Ece Konaç
Medical English	Lecturer Sibel ÖZKIN

MEMBERS OF COURSE COMMITTEE

NEUROLOGY			**PSYCHIATRY**	**M.PATHOLOGY**
Dr.Ayşe BORA TOKÇAER	Dr.Ceyla İRKEÇ	Dr.Reha KURUOĞLU	Dr.Aslı KURUOĞLU	Dr. Nalan AKYÜREK
Dr.Bülent CENGİZ	Dr.Hayrunisa BOLAY-BELEN	Dr. Bijen NAZLIEL	Dr.Behçet ÇOŞAR	Dr. Aylar POYRAZ

Dr. İrem ÇAPRAZ YILDIRIM	Dr.Tuğba TUNÇ	Dr. Belgin KOÇER	Dr.Ender TANER	Dr. Özgür EKİNCİ
			Dr. Selçuk ASLAN	Dr.Pınar UYAR GÖÇÜN
PEDIATRICS (Pediatric Neurology)			**MEDICAL GENETICS**	**OPHTALMOLOGIA**
Dr. Kıvılcım GÜCÜYENER	Dr. Ayşe SERDAROĞLU	Dr. Ercan DEMİR	Dr. Mehmet Ali ERGÜN	Dr.H.Tuba ATALAY
IMMUNOLOGY	**ANAESTHESIA-REANIMATION**	**PUBLIC HEALTH**	**EAR, NOSE AND THROAT**	**MEDICAL PHARMACOLOGY**
Dr.Vedat BULUT	Dr. Avni BABACAN	Dr.Mustafa N.İLHAN	Dr. M.Birol UĞUR	Dr. Süreyya BARUN
PHYSIOLOGY	**PEDIATRIC MENTAL HEALTH**		Dr. Hakan TUTAR	Dr.Canan ULUOĞLU
Dr.Lamia PINAR	Dr. Esra GÜNEY			Dr.Ergin DİLEKÖZ
MEDICAL MICROBIOLOGY		**MEDICAL BIOCHEMISTRY**	**NUCLEAR MEDICINE**	**RADIOLOGY**
Dr.Meltem YALINAY	Dr.Ayşe KALKANCI	Dr.Neslihan BUKAN	Dr.Nesrin I. KARABACAK	Dr. Turgut TALİ

AIM AND LEARNING OBJECTIVES FOR COURSE COMITTEE

Aim:

At the end of 22 days of nervous system and psychiatry course committee, the students are expected; to be able to define the biological and dynamic causes of behavior, to be able to classify and explain psychiatric diseases such as mood and neurocognitive disorders, substance use disorders and psychoses, to learn the basic concepts about the functions, pathologies, biochemistry, infectious agents, laboratory and imaging findings of central and peripheral nervous system and their disorders, clinical features of diseases, and, pharmacological approaches for treatment and the drugs used in treatment.

Learning Objectives:

Knowledge:

1. To be able to explain the biochemical and psychodynamic principles of behavior.
2. To be able to classify and explain psychiatric diseases such as mood disorders, neurocognitive and sleep disorders, alcohol and substance use disorders and psychoses, anxiety disorders, obsessive-compulsive disorder (OCD), trauma and stress related (predominantly abuse related) disorders.
3. To be able to grade physical, psychosocial and cognitive development of a child.
4. To be able to define the syndromes leading to sensory and motor system disorders.
5. To be able to describe balance and hearing physiology, to identify symptoms and physical examination findings in vestibular system pathologies and pathologies causing hearing loss,

to be able to make the differential diagnosis between central and peripheral vertigo and hearing loss.

6. To be able to describe symptoms and physical examination findings in pathologies causing eye disorders.

7. To be able to describe the frequent vascular, degenerative and demyelinating diseases of the central nervous system.

8. To be able to list the infectious microbial agents of the nervous system, to explain the underlying mechanisms of diseases, to explain the diagnostic methods, to be able to explain the prevention and control methods of these infection agents.

9. To be able to classify epileptic seizures and syndromes in children and adults.

10. To be able to define the causes of primary and secondary causes of headache and to list the current treatment approaches.

11. To be able to describe the symptoms of peripheral neuropathy and describe the mechanism and clinical appearance of common etiologic causes.

12. To be able to describe the pathogenesis of childhood and adult muscle diseases and to be able to count the clinical signs and symptoms.

13. To be able to explain the mechanism of action of drugs used in nervous system diseases.

14. To be able to recite the radiological examination methods of the central nervous system.

15. To be able to label the tumors of the central nervous system and to list clinical findings.

16. To be able to comprehend the components of public mental health and risk factors.

17. To be able to understand the concept of dependence and related risk factors.

Skills:

1. To be able to carry out the examination of the eye and the fundus (eye movements, pupil reflexes).

2. To be able to apply the methods used in laboratory diagnosis of CNS infection agents.

3. To be able to constitute an appropriate and effective communication with patients, patient relatives and health personnel, to be able to chose and administer the necessary basic inspection and diagnostic means.

Attitude:

1. To be able to be aware of psychiatric and neurological diseases, to understand their significance, to be able to employ a diagnostic approach and to develop a perspective of preventive medicine.

2. To be able to diagnose and differentiate the symptoms of the diseases and to comprehend the importance.

GAZI UNIVERSITY FACULTY OF MEDICINE
PHASE III 2017-2018
SKIN-MUSCULOSCELETAL SYSTEMS COURSE COMMITTEE
April 26-May 18, 2018
Examination: May 21, 2018- 09.30pm

Courses	Theoretical	Panel	Laboratory	Practice	Courses
MEDICAL PATHOLOGY	**6**	**1**	**2**		**9**
MEDICAL PHARMACOLOGY	**5**				**5**
PHYSICAL MEDICINE AND REHABILITATION	**12**				**12**
ORTHOPAEDICS AND TRAUMATOLOGY	**13**	**4**			**17**
DERMATOLOGY	**6**				**6**
RADIOLOGY	**3**	**1**			**4**
PLASTIC AND RECONSTRUCTIVE SURGERY	**2**				**2**
INTERNAL MEDICINE (Rheumatology)	**4**				**4**
MICROBIOLOGY	**3**		**8**		**11**
PUBLİC HEALTH	**1**				**1**
MEDICAL BIOCHEMISTRY	**1**				**1**
NUCLEAR MEDICINE	**1**				**1**
INFECTIOUS DISEASES		**2**			**2**
MEDICAL GENETICS		**1**			**1**
TOTAL	**57**	**4**	**10**		**71**
CLINICAL SKILLS EDUCATION				**2X8**	**16**
ELECTIVE COURSE	**3X2**				**6**
MEDICAL ENGLISH	**3X2**				**6**
TOTAL	**12**			**16**	**28**

FREE RUN-TIME	**26**

Dean	Prof.Dr. Mehmet Sadık DEMİRSOY
Vice Dean	Assoc.Prof..Dr.Okşan D. GÜLERYÜZ
Vice Dean	Assoc.Prof.Dr. Taner AKAR
Head Coordinator	Prof. Dr. M.Anıl ONAN
Assistant Head Coordinator	Prof.Dr. M.Ali ERGÜL
Assistant Head Coordinator	Prof.Dr.İrem BUDAKOĞLU
Assistant Head Coordinator	Assoc.Prof.Dr.Arzu ARAL
Phase III Coordinator	Assoc.Prof.Dr. İlyas OKUR
Assistant Phase III Coordinator	Assoc.Prof.Dr. Sevil ÖZGER-İLHAN
Assistant Phase III Coordinator	Assoc.Prof.Dr. Sinan SARI
Assistant Phase III Coordinator	Assoc.Prof.Dr. Güldal ESENDAĞLI
Assistant Phase III Coordinator	Assoc.Prof.Dr. Esra GÜNEY
Assistant Phase III Coordinator	Assoc.Prof.Dr. Ergin DİLEKÖZ
Course Committee Head	Prof.Dr.Şeminur HAZNEDAROĞLU

Clinical Skill Education Coordinator	Lecturer Dr.Baybars ATAOĞLU
Elective Course Coordinator	Assoc.Prof.Dr. Ece KONAÇ
Medical English	Lecturer Sibel ÖZKIN Lecturer Özlem ÖZDEMİR

MEMBERS OF COURSE COMMITTEE

ORTHOPEDICS AND TRAUMATOLOGY		**PHYSICAL MEDICINE AND REHABILITATION**	**DERMATOLOGY**	
Dr. Şahap ATİK	Dr. Alpaslan ŞENKÖYLÜ	Dr.Nesrin DEMİRSOY	Dr. Nilsel İLTER	Dr.Esra ADIŞEN
Dr.Ertuğrul ŞENER	Dr. Hakan SELEK	Dr. Feride GÖĞÜŞ	Dr.Muhterem POLAT	
Dr.Ulunay KANATLI	Dr. Akif Muhtar ÖZTÜRK	Dr. Jale MERAY	**INTERNAL MEDICINE (RHEUMATOLOGY)**	
Dr. Turgay ÇAVUŞOĞLU	Dr.Hamza ÖZER Dr.Hakan ATALAR	Dr.Gülçin KAYMAK KARATAŞ	Dr.Şeminur HAZNEDAROĞLU	Dr.Berna GÖKER
Dr. Erdinç ESEN	Dr.Baybars ATAOĞLU	Dr.Murat ZİNNUROĞLU	Dr. Mehmet Akif ÖZTÜRK	Dr.Abdurrahman TUFAN
NUCLEAR MEDICINE	**PUBLIC HEALTH**	**INFECTIOUS DISEASES**	**MEDICAL BIOCHEMISTRY**	**MICROBIOLOGY**
Dr. Neşe İLGİN KARABACAK	Dr. Mustafa İLHAN	Dr.Kenan HIZEL	Dr.Aylin SEPİCİ DİNCEL	Dr.Ayşe KALKANCI
MEDICAL PATHOLOGY	**MEDICAL PHARMACOLOGY**	**PLASTIC AND REC. SURGERY**	**RADIOLOGY**	**MEDICAL GENETICS**
Dr. Özlem ERDEM	Dr.Canan ULUOĞLU	Dr. Sühan AYHAN	Dr. Nil TOKGÖZ	Dr.Mehmet Ali ERGÜN
Dr.Güldal ESENDAĞLI	Dr. Ergin DİLEKÖZ	Dr. Serhan TUNCER	Dr.Serap GÜLTEKİN	

GAZİ UNIVERSITY FACULTY OF MEDICINE
AIM AND LEARNING OBJECTIVES FOR PHASE III
SKIN AND MUSCULOSCELETAL SYSTEMS COURSE COMMITTEE

Aim:

At the end of 20 days of skin and musculoskeletal systems course committee, the students are expected; to be able to learn the symptoms and findings of diseases affecting the skin and musculoskeletal system, to classify the diseases in the guidance of these symptoms and findings, to be able to define laboratory tests and imaging methods of diseases and to understand the importance of physical activity for health.

Learning Objectives:

Knowledge:

1. To be able to define the etiopathogenesis of skin diseases.
2. To be able to explain the signs and symptoms of skin diseases.
3. To be able to recall the diagnostic methods of skin diseases.
4. To be able to define normal walking analysis, walking abnormalities and joint structures.
5. To be able to understand the functions of the musculoskeletal system.
6. To be able to explain the etiopathogenesis of diseases affecting musculoskeletal system.
7. To be able to explain the signs and symptoms of diseases and traumas affecting the musculoskeletal system.
8. To be able to recount laboratory, radiological and nuclear medicine examinations used in the diagnosis and follow-up of diseases and traumas affecting musculoskeletal system.
9. To be able to list the complications of fracture.
10. To be able to explain the mechanisms of action of analgesic, antipyretic and antiinflammatory drugs.
11. To be able to comprehend the techniques of drug prescribing.
12. To be able to understand the importance of physical activity for a healthy life.

Skills:

13. To be able to perform skin and musculoskeletal system examination.
14. To be able to request necessary laboratory tests and imaging examinations in the light of anamnesis and physical examination findings, in diseases and traumas affecting the skin and musculoskeletal system.
15. To be able to possess the knowledge of prescribing analgesic, antipyretic and antiinflammatory drugs.

Attitude:

16. To be able to gain a perspective regarding the diagnosis and prevention of diseases and traumas affecting the skin and musculoskeletal system and to develop a behavioral manner.
17. To be able to comprehend the importance of being physically active for healthy living and integrate this comprehension to community.

GAZİ ÜNİVERSİTESİ TIP FAKÜLTESİ
2017-2018 ÖĞRETİM YILI DÖNEM IV PROGRAMI

2017-2018 ACADEMIC CALENDER

Dean	Prof.Dr. M. Sadık DEMİRSOY
Vice Dean	Assoc.Prof.Dr.Sevil ÖZGER İLHAN
Vice Dean	Assoc.Prof.Dr.Taner AKAR
Head Coordinator	Prof.Dr.M.Anıl ONAN
Assistant Head Coordinator	Prof.Dr. İrem BUDAKOĞLU
Assistant Head Coordinator	Prof.Dr.M.Ali ERGÜN
Assistant Head Coordinator	Assoc.Prof.Dr.Arzu ARAL
Phase IV Coordinator	Prof.Dr. İdil YENİCESU
Assistant Phase IV Coordinator	Assoc.Prof.Dr.Deniz KARCALTINCABA
Assistant Phase IV Coordinator	Lecturer Arzu OKUR
Assistant Phase IV Coordinator	Lecturer Kurşat DİKMEN

2017-2018 ACADEMIC CALENDER
Onset of academic calender: September 05, 2017 **End of academic year**: June, 20, 2018 **Semester**: 18.01.2018- 29. 01. 2018 **RATIONALE PHARMACOTHERAPY (June 18-22, 2018)**
Group A
CAR+RAD+PD (05.09.17-18.10.2017)
S (19.10.17-01.12.2017) **FM-MH (31.10.17-03.11.17)**
OG (04.12.2017-17.01.2018) **FM-MH (26.12.17-29.12.17)**
IM (29.01.18-04.04.18) **FM-MH (06.02.18-09.02.18)**
P(05.04.18-13.06.18) **FM-MH (10.04.18-13.04.18)**
Group B
IM (05.09.17-09.11.2017) **FM-MH (26.09.17-29.09.17)**
P (10.11.17-17.01.17) **FM-MH (05.01.18-09.01.18)**
CAR+RAD+PD (29.01.2018-13.03.2018)
S (14.03.2018-27.04.18) **FM-MH (20.03.18-23.03.18)**
OG (30.04.18-13.06.18) **FM-MH (08.05.18-11.05.18)**

OG;Obstetrics and Gynecology, FM; Forensic Medicine, MH&D; Medical History and Deontology, S; Surgery, CAR; Cardiology, RAD; Radiology, PD; Pulmonary Diseases, IM; Internal Medicine, P; Pediatrics

Rationale Pharmacotherapy Make-up Exam: July 5, 2018

Forensic Medicine, and Medical History and Deontology Final Exam: July 6 2018

Surgery Make-up Exam: July 12-13, 2018

Radiology Make-up Exam: July 11, 2018

Cardiology Make-up Exam: July 9, 2018

Pulmonary Diseases Make-up Exam: July 10, 2018

Obstetrics and Gynecology Make-up Exam: July 23-24, 2018

Internal Medicine Make-up Exam: July 16-17, 2018

Pediatrics Make-up Exam: July 19-20, 2018

Forensic Medicine, and Medical History and Deontology Make-up Exam: July 18, 2018

GAZİ UNIVERSITY FACULTY OF MEDICINE
AIM AND LEARNING OBJECTIVITIES FOR INTERNAL MEDICINE INTERNSHIP PERIOD

Aim:
At the end of the 3-week Internal Medicine internship, Phase IV students are expected to be able to gain theoretical and practical knowledge of diseases within the scope of internal medicine, and to diagnose and to treat complications related to these diseases, as part of a training programme prepared in accordance with the national core education program. In addition, students will receive theoretical and practical training in healthcare and instruction in the prevention and management of disease complications and sequelae. This theoretical and practical knowledge, together with the professional and ethical values imparted during the internship period, will equip students with the skills and approach required to practice medicine.

Learning Objectives:
Knowledge:

1. To be able to explain the prevalence and incidence of internal diseases
2. To be able to state the underlying causes of internal diseases and rank them according to their frequency
3. To be able to describe the clinical signs and symptoms of internal diseases
4. To be able to distinguish between diseases with similar clinical signs and symptoms
5. To be able to categorize internal diseases into subgroups according to factors such as clinical features, etiology and pathogenesis
6. To be able to define clinical, imaging and laboratory tests required for diagnosis/management of internal diseases
7. To be able to acquire general knowledge concerning the treatment of internal diseases and define treatment approaches to common diseases
8. To be able to describe side effects, indications and contraindications of specific treatments
9. To be able to describe possible disease complications in the field of internal medicine
10. To be able to specify preventional measures which can reduce the incidence and complications of internal diseases, to describe screening tests
11. To be able to describe which interventional procedures can be applied in different internal diseases
12. To be able to recognize internal medical emergencies and describe treatment approaches

Skills:

13. To be able to prepare a detailed, reliable and systematic anamnesis
14. To be able to ask a question to the patient effectively regarding original symptoms of the physical systems
15. To be able to perform full, detailed and systematic physical examination
16. To be able to separate normal from pathological findings of a physical examination
17. To be able to select appropriate clinical, laboratory and radiological tests for the diagnosis of internal diseases and interpret the results
18. To be able to make a preliminary diagnosis by assessing together the anamnesis physical examinationand findings from clinical, laboratory, and/or radiological tests
19. To be able to make a differential diagnosis from the preliminary diagnosis

Attitude:

20. To be able to become aware of the principle of "First, do no harm!"
21. To be able to be aware of the importance of approaching the patients without prejudice,
22. To be able to be aware of the importance of respect in patient-physician relationships
23. To be able to be aware of using communication skills effectively in patient-physician relationships
24. To be able to practice the principle of privacy and impartiality in patient communication and documentation
25. To be able to be aware of the importance of informing patients and their relatives as part of the treatment
26. To be able to be aware that chronic diseases are lifelong conditions and modify the approach accordingly
27. Within the light of ethical values, to be able to be principled and respectful in their relations with patients and his colleagues, and to use effective communication methods.

Department of Pediatrics
Phase IV Learning Objectives

Aim

Students will have theoretical and practical knowledge about the diagnosis and treatment of childhood diseases and will gain the skills and attitude to apply the art of medicine by observing the professional and ethical values with the education program prepared in accordance with the core education program.

Learning Objectives

They will be able to recognize the most common illnesses and conditions (listed below) in children, have the knowledge to plan and direct their treatment as needed

1. Well child care
2. Immunization
3. Child abuse and neglect
4. Neonatal jaundice, approach to low birth weight infants, approach to tachypneic newborn, approach to perinatal asphyxia, neonatal sepsis, intrauterine infections
5. Growth monitoring, approach to children of short stature, hypothyroidism, diabetes in childhood, diabetic ketoacidosis in childhood, early and delayed puberty disorders, problems of adolescents, endocrinological emergencies in childhood
6. Breastfeeding and lactational support, Vitamins in health and disease, breast feeding and childhood nutrition
7. Evaluation of mental and motor development, Approach to children with seizures, paralytic disorders, Approach to disorders of consciousness and headache in children Intellectual Disability, Cerebral palsy
8. Pediatric basic and advanced life support, Accidents and intoxications, Environmental emergencies
9. Shock, hypertension in childhood, Congenital heart disease, approach to endocardial diseases in children, approach to rhythm abnormalities in children, acute rheumatic fever, Heart failure, chest pain,
10. Fluid and electrolyte therapy in children, Acute kidney injury, Chronic kidney disease, Hematuria in children, Approach to patients with edema, Childhood vasculitis, familial Mediterranean fever, musculoskeletal pain in children
11. Inborn metabolic disorders, Approach to a child with suspected storage disorder
12. Approach to genetics in children

13. Diagnosis & management of bleeding disorders in childhood, hemoglobinopathies, Differential diagnosis of anemias in children, Iron deficiency anemia, Approach to malign hematological diseases in children, Approach to thrombosis in children, Transfusion indications and complications in children

14. Approach to patients with primary immunodeficiencies, Symptoms and signs in allergic diseases, Anaphylaxis – drug allergy, Bronchiolitis, Asthma

15. Approach to a child with fever, upper respiratory tract infections, Central nervous system infections gastrointestinal system infections, Community acquired pneumonia, Childhood tuberculosis, Urinary tract infections, eruptive disease in children

16. Approach to peripheral lymphadenopathy in children, Oncologic emergencies, Mass lesions in children: when to think, what to do

17. Approach to common gastrointestinal problems in children, clinical approach to jaundice in children, approach to chronic diarrhea in children, abdominal pain in children

18. Rational drug therapy

SKILL

They will gain clinical skills in history taking and physical examination necessary for diagnosis of childhood diseases.

They will be able to recognize the most common illnesses in children, plan their treatment and consult them when necessary.

ATTITUDE

By understanding the importance of childhood illnesses, by communicating well with children and their families, they will be able to help their patients along with their senior colleagues in the light of prejudiced, unbiased, scientific and evidence-based information.

Chest Diseases

PURPOSE AND CONTENT: There are more than 750 diseases in the field of chest diseases, 100 of them are encountered during specialist education and 20 of them are encountered almost every day.

The main aim of the course is to teach the 4th class students the diagnosis and treatment of diseases such as pulmonary tuberculosis, asthma, COPD, pneumonia and other pulmonary infections, sleep respiratory disorders, malignant and benign pleural effusions, pulmonary thromboembolism, respiratory insufficiency Besides basic diagnosis and treatment approaches As well as we teach how to approach people who have social problems such as tobacco dependence and occupational lung diseases, and if necessary, to reach the relevant centers.

THEORETICAL COURSES FOR THE DEPARTMENT OF CHEST DISEASES

Lung X-ray
Lung and Pleural Cancer
Anamnesis and Physical Examination
Asthma
Bronchiectasis and Lung Apsesi
Inhalation treatments
Interstitial Lung Diseases
COPD

Occupational Lung Diseases
Approach to pleural effusion
Pulmonary Thromboemboli
Respiratory Function Tests
Respiratory Failure and Treatment
Community-acquired pneumonia
Tuberculosis
Tobacco addiction problem and treatment approaches
Sleep Respiratory Disorders

PRACTICAL COURSES FOR DEPARTMENT OF CHEST DISEASES

Getting Anamnesis and making bad news
Respiratory system examination
Preparing patient file
Reading and evaluating lung graphs
Use and evaluate PEF meter, apply nebulized-inhaler therapy
Apply Oxygen therapy
Thoracentesis application
Apply PPD test
Evaluating pulmonary function tests

GENERAL SURGERY TRAINING PROGRAMME

AIM: At the end of the general surgery training programme, students can diagnose the surgical diseases of gastrointestinal and endocrine systems, breast diseases, urgent surgical diseases and patients with trauma, and treat these patients in 1st step properly and in essential situations, forward these patients to the upper medical centers.

AIM OF THE EDUCATION

KNOWLEDGE

- To explain the endocrine response to the trauma step by step
- Summarizing the biology of the wound healing
- To explain the balance of acid-base and fluid-electrolyte treatment
- Telling the technics of asepsis and antisepsis one by one
- Counting the GI system diseases and sign-symptoms of these diseases
- Counting the endocrine system diseases and sign-symptoms of these diseases
- Describing the diagnostic laparoscopy, laparoscopic surgery and their complications
- To organize the treatment of acute burning
- Determining the differences between the blunt and penetrating traumas
- To evaluate the hemostasis, blood transfusion and its complications
- Telling the surgical treatment of malign melanoma
- Counting the breast diseases and their sign-symptoms and treatment
- Counting the transporting criteria of the surgical patients

ABILITY

- To examine the regular abdomen and acute abdomen
- To diagnose acute abdomen on patient with abdominal pain
- To examine the patient with breast mass and to make the patient do essential tests and to pre-diagnose the breast cancer, to diagnose the breast abscess, to diagnose mastitis and organizing its treatment
- At the end of the first evaluation, intervening to the trauma patients necessarily

- At the end of the pre-evaluation, intervening to the patients with shock
- To make a diagnose the abdominal wall hernias
- Suturing simple wounds
- To make wound care

ATTITUDE

- Be aware of the importance of the transportation of the urgent patients to the upper step medical centers
- Paying attention to approach to the patients with using communication skills appropriately

OBSTETRICS AND GYNECOLOGY INTERNSHİP

Objective

Grade 6 students has to learn the clinical manifestations of Ob Gyn diseases symptoms and signs differential diagnosis treatment and prevention. When required refferal chain recognition is in the objectives as common ob gyn disaeses.

Educational objectives

Benign gyn disease syptoms and examination signs, investigation techniques with treatment alternatives has to be difined by the student.

-First level medical services needs diagnosis of pregnancy, in complicated caseses referral to second level with diagnosis of emergency conditions to refer in appropriate conditions is a must.

-Gyn malignancy symptoms, exam results and screening to whom in what frequency, to know in what special conditions needs refferal are must educational objectives.

Another Learning objective is to understand changes in gyn system through aging, and to realize appropriate age dependent patology driven examinations thorugh leading patient to a treatment.

- İnfertility basic examination and interpretation has to be defined and according to results best appropriate treatment plannnig and copmpetative consultancy are priarities in education

- Contraceptive basic information coverage is must, method positives and negatives contrindications has to be defined and to consult in contraception choices is a must.

positive communication skills with Patient, relatives and friends as a doctor is a must

Before in any surgical intervention to have informed consent defines the higher medical standart in learning objectives.

GAZİ UNIVERSITY FACULTY OF MEDICINE
AIM AND LEARNING OBJECTIVITIES FOR INTERNAL MEDICINE INTERNSHIP PERIOD

Aim:

At the end of the 3-weeks Internal Medicine internship, Phase IV students are expected to be able to gain theoretical and practical knowledge of diseases within the scope of internal medicine, and to diagnose and to treat complications related to these diseases, as part of a training programme prepared in accordance with the national core education program. In addition, students will receive theoretical and practical training in healthcare and instruction in the prevention and management of disease complications and sequelae. This theoretical and practical knowledge, together with the professional and ethical values imparted during the internship period, will equip students with the skills and approach required to practice medicine.

Learning Objectives:

Knowledge:

1. To be able to explain the prevalence and incidence of internal diseases
2. To be able to state the underlying causes of internal diseases and rank them according to their frequency
3. To be able to describe the clinical signs and symptoms of internal diseases
4. To be able to distinguish between diseases with similar clinical signs and symptoms
5. To be able to categorize internal diseases into subgroups according to factors such as clinical features, etiology and pathogenesis
6. To be able to define clinical, imaging and laboratory tests required for diagnosis/management of internal diseases
7. To be able to acquire general knowledge concerning the treatment of internal diseases and define treatment approaches to common diseases
8. To be able to describe side effects, indications and contraindications of specific treatments
9. To be able to describe possible disease complications in the field of internal medicine
10. To be able to specify preventional measures which can reduce the incidence and complications of internal diseases, to describe screening tests
11. To be able to describe which interventional procedures can be applied in different internal diseases
12. To be able to recognize internal medical emergencies and describe treatment approaches

Skills:

13. To be able to prepare a detailed, reliable and systematic anamnesis
14. To be able to ask a question to the patient effectively regarding original symptoms of the physical systems
15. To be able to perform full, detailed and systematic physical examination
16. To be able to separate normal from pathological findings of a physical examination
17. To be able to select appropriate clinical, laboratory and radiological tests for the diagnosis of internal diseases and interpret the results
18. To be able to make a preliminary diagnosis by assessing together the anamnesis physical examinationand findings from clinical, laboratory, and/or radiological tests
19. To be able to make a differential diagnosis from the preliminary diagnosis

Attitude:

20. To be able to become aware of the principle of "First, do no harm!"
21. To be able to be aware of the importance of approaching the patients without prejudice,

22. To be able to be aware of the importance of respect in patient-physician relationships
23. To be able to be aware of using communication skills effectively in patient-physician relationships
24. To be able to practice the principle of privacy and impartiality in patient communication and documentation
25. To be able to be aware of the importance of informing patients and their relatives as part of the treatment
26. To be able to be aware that chronic diseases are lifelong conditions and modify the approach accordingly
27. Within the light of ethical values, to be able to be principled and respectful in their relations with patients and his colleagues, and to use effective communication methods.

RADIOLOGY

Purpose and Learning Objectives

In the the phase IV Radiology practice the students will be familiar with the diagnostic and therapeutic radiological procedures and the diagnostic algorithm of Radiology.

Fundemantals of radiodiagnosis for all systems, interpretation of imaging modalities and reporting standards of radiological examinations will be achieved.

The use of imaging modalities including radiography, ultrasound ,mamography, computerized tomography, magnetic resonance imaging, angiography and interventional radiology as well as therapeutic modalities for all systems of the human body will in emergency and elective cases will be evaluated.

The main topics are respiratory, cardiovascular, urinary, genital, gastrointestinal, musculoskeletal , central nervous systems as well as breast disease and pediatric radiology.

CARDIOLOGY DEPARTMENT

Aim

4th Semester students will get theoretical and practical knowledge about the diagnosis and treatment of heart diseases with the training program prepared in accordance with the core education program; also they will gain applying art of medicine and attitude in consideration of professional and ethical values.

LEARNING OBJECTIVES

They will be able to recognize common heart diseases in society, plan their treatment and organize referring when necessary,

They will be able to use the basic knowledge of cardiovascular diseases, choosing the most suitable medicines for treatment and will have sufficient knowledge on the side effects and contraindications of these medicines,

They will be able to explain the pathophysiology of valvular heart diseases, its clinical manifestations and physical examination findings,

They will be able to diagnose cardiac diseases by interpreting ECG, teleradiography, biochemical and hematological tests,

They will be able to diagnose coronary artery disease or identify the patients at risk group and refer these patients to the upper institutions for further investigation,
They will be able to diagnose acute coronary syndrome and learn its treatment basics and emergency situations,
They will be able to recognize acute cardiac conditions like acute pulmonary edema, learn its physical examination sings and the diagnostic tests used, they also will be able to manage these emergency situations,
They will be able to fulfill the basic principles of all arrhythmias, concentrating on the frequently seen, especially the fatal forms of arrhythmias,
Thew will be able to diagnose heart failure, learn the differential diagnosis of shortness of breath and how to perform necessary treatments,
They will be able to explain the basics of the managment of hypertensive patients, its lines of treatment, how to decide about the most appropriate drug therapy and managing complications that can be seen,
They will be able to describe the symptoms, examination findings and diagnostic tests of adult heart diseases,
They will be able to do the most appropriate evaluation in patients with syncope, also have adequate knowledge in questioning the etiology and do physical examination of syncope patients

PHASE IV (COMPULSORY)
MEDICAL ETHICS AND DEONTOLOGY INTERNSHIP

GOALS

Provide awareness about basic ethical concepts in medicine, medical ethics and clinical ethical dilemmas and earn knowledge, ability and attitude about this

OBJECTIVES

Knowledge
To be knowledgeable about medical events in the frame of ethical theories and medical ethics principles, to be knowledgeable medical ethics principles in physician-patient relationship. To be knowledgeable the medical laws.

Ability
Select ethical issues, to be knowledgeable the legal and ethical responsibility as a physician and this indigenize. Choose the most optimal behavior by ethical dilemmas.

Attitude
Provide awareness, use empathy ability and behave accordingly in the frame Medical Deontology. Speak positively and participative.

COURSE PLAN
2017-2018 Semester Educational Program

Dean	Prof. Dr. M. Sadık DEMİRSOY
Vice Dean	Assoc.Prof.Dr. Taner AKAR
Vice Dean	Assoc.Prof.Dr.Sevil ÖZGER İLHAN
Head Coordinator	Prof. Dr. Anıl ONAN
Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Işıl İrem BUDAKOĞLU
Assistant Head Coordinator	Assoc.Prof.Dr. L. Arzu ARAL
Phase V Coordinator	Prof.Dr. Cüneyt KURUL
Assistant Phase V Coordinator	Prof.Dr.Akif Muhtar ÖZTÜRK
Assistant Phase V Coordinator	Assoc.Prof.Dr. Özlem GÜZEL TUNÇCAN
Assistant Phase V Coordinator	Assoc.Prof.Dr. Yusuf Hakan ÇAVUŞOĞLU

5. YEAR COURSE PLAN
2017-2018 SEMESTER EDUCATIONAL PROGRAM

Block			A Block		B Block		C Block		D Block	
		Date	ENT	OPH+E2	ORT	PTR+E2	D	E1+E2	ID	ÜRO+
A	A1.	11 September-29 September 2017	A1		B1		C1			
	A2.	02 October-20 October 2017		A1		B1		C1		
B	B1.	23 October-10 November 2017			A1		B1		C1	
	B2.	13 November-01 December 2017				A1		B1		C1
C	C1.	04 December-22 December 2017					A1		B1	
	C2.	25 December - 15 January 2018						A1		B1
Semester holiday (15 January – 22 January 2018)										
D	D1.	22 January- 19 February 2018							A1	
	D2.	12February – 02 March 2018								A1
E	E1.	05 March – 23 March 2018	C1							
	E2.	26 March- 13 April 2018		C1						
F	F1.	16 April-08 May 2018	B1		C1					
	F2.	09 May- 30 May 2018		B1		C1				

COMPULSORY İNTERNSHİP			ELECTİVE-1 (10
15 Daily	**10 Daily**	**5 Daily**	
ENT: Ear-Nose-Throat ORT: Orthopaedics and Traumatology D: Dermatology ID: Infectious Diseases NEU: Neurology	PS: Paediatric Surgery OPH: Ophthalmology PTR: Physical Therapy and Rehabilitation URO: Urology PSY: Psychiatry EM: Emergency Medicine	ANR:Anaesthesiology and Reanimation CAP: Child and Adolescent Psychiatry	NRS : Neurosurgery PRS :Plastic and Surgery CVS: Cardiovascul CTS: Chest Surgery

2017-2018 SEMESTER 5. YEAR COURSE EDUCATIONAL PROGRAM

Courses	Dates	Holidays
1.	11 September-29 September 2017	
2.	02 October-20 October 2017	
3.	23 October-10 November 2017	
4.	13 November-01 December 2017	
5.	04 December-22 December 2017	
6.	25 December - 15 January 2018	**1 days for "Yılbaşı tatili"**
	Semester holiday (15 January – 22 January 2018)	
7.	22 January- 19 February 2018	
8.	12 February – 02 March 2018	
9.	05 March – 23 March 2018	
10.	26 March- 13 April 2018	
11.	16 April-08 May 2018	**2 day for " 23 Nisan Ulusal Egemenlik ve Çocuk Bayramı ve 1 Mayıs İşçi Bayramı"**
12.	09 May- 30 May 2018	

MAKE-UP DATES

Ophthalmology **Ear-Nose-Throat** **E-2 (Occuptional Health and Medicine)**	**11 June 2018**
Orthopaedics and Traumatology **Paediatric Surgery** **E-2 (Nuclear Medicine)**	**12 June 2018**

Dermatology **E-1 (Neurosurgery)** **E-2 (Medical Microbiology)**	**13 June 2018**
Psychiatry **Child and Adolescent Psychiatry** **E-2 (Leadership in Medicine)**	**18 June 2018**
Physical Therapy and Rehabilitation **E-1 (Chest Surgery)** **,E-1 (Cardiovascular Surgery)**	**19 June 2018**
Infectious Diseases **E-1 (Plastic and Reconstructive Surgery)** **E-2 (Medical Biochemistry)**	**20 June 2018**
Emergency Medicine **Anaesthesiology and Reanimation** **E-2 (Radiation Oncology)** **E-2 (Medical Genetics)**	**21 June 2018**
Neurology **Urology** **E-2 (Audiology)**	**22 June 2018**

Compulsory codes: 500 (15 days)

E-1 Codes: 501 (10 days)

E-2 Codes: 502 (5 days)

DERMATOLOGICAL AND VENEREAL DISEASES

- **PURPOSE**

The first step in learning dermatological and venereal diseases is to examining the issues required for the provision of health services and implementing them in practice. In the internship, primarily dermatological examination and diseases that can be diagnosed in this way are discussed. The differential diagnosis of these diseases and how they can be treated in the first step are taught practically and theoretically in policlinic conditions. The students are informed about the emergency dermatologic problems and the approach to the increasingly sexually transmitted diseases in recent years and they are taught the centers with specialist dermatologists or the serious disease groups which should be referred to the inpatient health institution.

- **LEARNING GOALS (INFORMATION, SKILLS, ATTITUDE)**
  - To learn and apply the dermatological examination
  - To learn basic dermatological diseases and to be able to make differential diagnosis
  - To treat basic dermatological diseases
  - To recognize and treat dermatological acute
  - Sexually transmitted diseases, learning of prevention and treatment methods, identification
  - Describe diseases and conditions that require hospitalization and referral

INFECTIOUS DISEASES AND CLINICAL MICROBIOLOGY

PURPOSE

- Common causes of infectious diseases
- To obtain theoretical and practical knowledge about clinical and laboratory diagnosis and treatment and prevention
- To transfer the necessary theoretical and practical information to intervene in infectious diseases
- To acquire the skills and attitude of practicing medicine by considering professional and ethical values

LEARNING GOALS

INFORMATION

- Be able to diagnose febrile pathogenesis and types of fever, clinical and appropriate diagnosis and methods.
- To know what the illnesses with fever eruption are, to be able to make differential diagnosis
- To explain the pathogenesis, epidemiology and immunology of infectious diseases

- Be able to list what diseases are associated with lymphadenopathy, to make a diagnosis and to be able to make a differential diagnosis
- Be able to order and recognize what illnesses may be present in unexplained fever episodes
- Be able to define diagnostic and emergency intervention and prevention methods of diseases such as rabies, tetanus, meningitis and botulism
- Be able to define bacterial and viral infections (influenza, streptococcal infections, infectious mononucleosis), clinical findings, diagnostic differential diagnosis and treatment and complications of respiratory tract
- Be able to list viral, bacterial and parasitic agents of infectious diarrhea
- Clinical and laboratory examinations, diagnosis and treatment of their diagnosis and treatment
- Be able to recognize the etiology, clinical findings, diagnosis, treatment and complications of hematopoietic and lymphatic system infections (salmonellosis, brucellosis, sepsis)
- Be able to recognize clinical findings and diagnostic methods of extrapulmonary tuberculous organ involvement
- Be able to list different features of infectious diseases which are common in old age in terms of factors, clinical findings, diagnosis and treatment

Factors of infectious diseases in patients with immunodeficiency, obtain clinical culture, to know the fattening places and to be able to sow seeds of suitable samples, Examination of microbiological preparations with microscope.

COGNITIVE SKILLS

Use basic concepts and principles in solving problems

- Symptom, to distinguish different features in terms of diagnosis and treatment
- Identify the stages of transmission of HIV / AIDS, pathogenesis, stages of acute HIV infection and HIV infection, and the names of drugs used in the treatment and prophylaxis of Aids indicative diseases

- Be able to make preliminary diagnoses of acute and chronic hepatitis, to be able to define laboratory and clinical definitions and to define them for protection
- Be able to list what to do to identify and prevent hospital infections
- Be able to list as a health personnel the risk of infections and their prevention
- Be able to define vaccination counts and application schemes used in adult immunization
- To make recommendations for the prevention of travel-related infections, to be able to sort and identify the infections that develop in and outside the country
- Be able to list the general rules of antibiotic use, to list the side effects of antibiotics and the places with new antibiotics

SKILLS

CLINICAL SKILLS

Ability to perform lumbar puncture appropriately and evaluate cerebrospinal fluid

Use of blood-based medical practice steps in clinical practice

Examination of peripheral blood smear, cell identification, evaluation of infection diagnosis
Be able to define some microorganisms in the field
To interpret the results of culture and antibiotic susceptibility according to patient's data and to be able to choose suitable antibiotic

ATTITUDE
Physician's primary duty is to protect human life and health by preventing diseases and trying to heal diseases

Carrying first aid responsibilities as an attending physician in an emergency, approaching each patient or individual by evaluating their environment, community and individual characteristics
Good communication to cooperate with patients and their relatives
Non-prejudicial approach to the patient
Adherence to privacy and impartiality principles of patients' personal information, evaluation of patient information in a scientific and impartial manner, consideration of patient health as well as patient health, adoption of rational antibiotic usage principles, awareness of professional and ethical values

EAR NOSE THROAT DISEASES

PURPOSE
The aim of the semester 5 students is to diagnose ENT diseases frequently encountered in their professional lives within the scope of the national çep (Nucleus Education Program) and to arrange emergency intervention and treatment

LEARNING GOALS

INFORMATION
- Describe the causes of ENT related diseases
- Describe common clinical and laboratory findings of common ENT diseases in the community
- Be able to comprehend the treatment of common ENT diseases

SKILLS
- Be able to examinate ear nose neck and head and neck
- Be able to apply Rinne - Weber, Schvvabach and Diapozon tests
- Be able to remove foreign body from the ear
- Be able to clean the ear
- Be able to diagnose Otitis media types
- Be able to decide on the treatment of otitis media types
- Be able to evaluate hearing and balance
- Be able to evaluate nasal obstruction situations
- Be able to evaluate nose bleeds with causal relation
- Be able to put a nasal pad
- Be able to recognize acute upper respiratory tract infections
- Be able to choose the appropriate treatment in acute upper respiratory tract infections
- B able to recognize laryngeal obstruction

ATTITUDE

- Be aware of the importance of respecting patient-physician relationships
- Non-prejudicial approach to patients
- Ability to evaluate patient information scientifically and impartially
- Ability to apply privacy and impartiality principles to patients' personal information

NOROLOGY INTERNSHIP

PURPOSE

Students will learn the neurological examination, perform the disease, diagnose the location of the lesion leading to the biological damage, which will identify the clinical syndrome in cases with neurological deficits, and will make a diagnosis of the etiologic differential, so that the basic clinical approach will be established. A case with neurological problem will be examined and they will be able to define how to introduce it to another physician. They will also acquire the principles of approach to common neurological diseases and will receive the necessary information for complete and therapeutic treatment of these diseases.

LEARNING GOALS

INFORMATION

- Be able to perform anatomic localization of clinical symptoms and signs
- Explain etiology, pathogenesis, clinical, diagnostic methods and treatment of common diseases such as headache, cerebrovascular diseases, epilepsy, multiple sclerosis, movement disorders, dementia, neuropathy, vertigo
- Will be able to list the basic principles of interpretation of examination results, contraindications, usage areas of diagnostic methods used in neurology (lumbar puncture, electroencephalography, electromyography, neuroradiological examinations)
- Will be able to explain the causes and consequences of unconsciousness
- Explain the concept of brain death

SKILLS

- Obtain neurological history from patients
- Basic principles of neurological examination will gain the ability to apply neurological examination per patient

ATTITUDE

- Acquire the basic principles which are necessary for the establishment of neurological patient and physician communication

ORTHOPEDICS INTERNSHIP

PURPOSE

To gain the theoretical and practical knowledge about the musculoskeletal system which is common in society and the causes of congenital and post-emergent diseases and the fractures, dislocations and soft tissues of the skeletal system and the clinical diagnosis and treatment of infections and to gain the skills and attitude of practicing medicine by considering professional

and ethical values.

LEARNING GOALS

INFORMATION

- Be able to perform normal musculoskeletal system examination, to recognize and define pathological findings,
- Be able to define the causes of diseases,
- Be able to define and order the most common clinical and laboratory findings of common diseases in the society.
- Understanding the treatment of diseases,
- To evaluate the definition of congenital orthopedic problems,
- Be able to enumerate and apply the first stage treatment of acquired orthopedic problems
- Be able to evaluate the emergency approach of trauma patients,
- Be able to describe diagnosis and treatment of extremity traumas in primary care,
- Be able to provide education in the society about the diseases with hereditary causes and the common diseases in the society.

SKILLS

- To be able to use basic concepts and principles in the solution of clinical cases,
- Clinical skills training and patient-centered practice, as well as identification of normal and pathological findings,
- Be able to make medical decisions, to be able to evaluate these decisions critically and versatile,
- Be able to show real life reflection of theoretical knowledge through case discussion sessions,
- To perform temporary fixation of extremity traumas,
- Open fractures to make first intervention in the first step.

ATTITUDE

- Being aware of the importance of being respectful in patient-physician relations, approaching the disease without prejudice,
- Be able to evaluate patient information scientifically and objectively, to apply the principle of privacy and impartiality about personal information of patients, to be able to take anamnesis of traumatic illness,
- To communicate properly and correctly with patients and relatives in emergency situations

TARGETS OF EMERGENCY MEDICINE INTERNSHIP

INFORMATION

- Anamnesis and systemic query
- Systemic examination
- Recognition of hemodynamic anstabilized patient and initial intervention
- Approach to multi-trauma patient
- Radiology in trauma

- Approach to a patient with a consciousness blur
- Approach to patient with shortness of breath
- Approach to a patient with chest pain
- Approach to a patient with abdominal pain
- Approach to a poisoned patient
- Approach to a patient with GIS bleeding
- Approach to endocrine disorders
- Oncological Emergencies
- Approach to epileptic seiture
- Approach to pediatric trauma
- Approach to geriatric trauma
- Approach to pregnancy traumatic event
- Evaluation of EKG
- Basic and advanced cardiac life support
- Definition of shock, classification and treatment approaches
- Acute coronary syndromes
- Approach to hypertensive acute
- Approach to headache
- Approach to environmental urgency
- Child and elder abuse
- Criteria for patient admission and referral in emergency medical services regulation
- The importance of documentation in medicine, forensic report keeping

SKILLS

- Systemic examination
- The use of a trauma board and collar
- Use of oropharyngeal airway, endotracheal intubation, use of larngeal mask [lma]
- Emergency service triage application
- Blood gassing and interpretation
- Nasogastric catheter application, stomach lavage
- Paracentesis
- Wound closure methods, suturing, tissue adhesive, strip use
- Resting atelier application
- Burning wound, wound dressing
- Ability to distinguish between stable and anstabilized patients
- Edit patient file
- Preparation of educational material

ATTITUDE

- The importance of minutes in very emergency situations
- The urgency in case of emergency, the importance of up-to-date information and organizational skills
- Communication in a crisis environment (with patients and relatives and other health personnel)
- The importance of the ability to solve problems and produce alternative solutions in a crisis environment

- Being sensitive to the symptom severity of the patient and establishing healthy communication with patients and their relatives.
- Understanding the importance of good communication with patients and their relatives in emergency service
- The importance of keeping a complete record in the emergency department
- The importance of communication in accordance with healthy and ethical principles among the disciplines
- Carry your first aid responsibilities as a physician in emergencies
- The importance of team work
- Observing the patient's right
- Observing the physician's right
- Observing the rights of assisted health personnel
- Blending of all professional information into the emergency service

CHILD SURGEON INTERNSHIP

PURPOSE

- To provide students of medical faculty with the latest information and practical application of the childhood surgical diseases and to provide the basis for their future professional lives.

LEARNING GOALS

INFORMATION

- Students should have an opinion on common childhood surgical diseases like inguinoscopy problems and should be able to recognize them when they meet
- Should be aware of trauma, such as acute abdomen and be able to solve surgical problems with vital pres- ence in children

Be able to categorize congenital surgical diseases involving pediatric surgery

SKILLS

- Can be directed to appropriate centers for treatment when faced with a surgical problem in childhood
- Be able to provide appropriate conditions when sending a newborn baby to a center for surgical intervention
- Should be able to give daily fluid and electrolyte treatment to children of all ages
- When necessary, should be able to intervene first in a traumatized child

ATTITUDE

- Conceptualization of the importance of preventive medicine against situations where trauma, corrosive substance ingestion, foreign body aspiration, or ingestion can leave behind sequelae in children
- Considering that children and their families who have been treated for many years may have worn away from the psychosocial front, they should adopt empathy and practice their professional skills

PHYSICAL MEDICINE AND REHABILITATION

PURPOSE

To acquire theoretical and practical knowledge about the causes of diseases related to musculoskeletal system, diagnosis, differential diagnosis and treatment and rehabilitation, impairment and disability which are common in the society, to gain the skill and attitude of practicing medicine by considering professional and ethical values,

LEARNING GOALS

INFORMATION

- Describe the concepts of rehabilitation, orthosis-prosthesis, impairment and disability
- Describe the clinical features and treatment approaches of rehabilitation medicine in neurological, orthopedic, pediatric, geriatric, rheumatologic and cardiopulmonary diseases
- Describe the clinical evaluation and treatment principles of general and regional disorders related to musculoskeletal system
- Describe the basic principles of diagnosis, differential diagnosis, evaluation and treatment of rheumatologic diseases
- List basic information about neurophysiological evaluation methods
- Explain the importance, types, indications and application methods of exercise
- Indication, contraindication and application methods of physical therapy agents

SKILLS

- For patients with musculoskeletal or rheumatic problems, impairment and disability
    - Detailed and reliable story
    - Will be able to perform physical examination and functional evaluation
    - By making a preliminary diagnosis by evaluating the findings of the history and examination, identify the primary diagnostic examinations to ensure that the diagnosis is made and refer it to the specialist if necessary
    - Drug and non-drug therapies and basic suggestions on exercise

PSYCHIATRY INTERNSHIP

PURPOSE

Will be able to do diagnosis and treatment of common psychiatric diseases in society and will be able to monitor and refer them to appropriate conditions when necessary

INFORMATION

- They will be able to make diagnosis by explaining the signs and symptoms of depression and will be able to refer them by deciding which cases should be referred,
- Will be able to diagnose and explain the signs and symptoms of anxiety disorders and will be able to arrange treatment and refer them when necessary
- Be able to explain and diagnose the symptoms and signs of psychotic disorders, to be able to make treatment and to refer them if necessary
- Describe side effects of treatments given to the patient and be alerted when necessary
- Will be able to list other mental disorders that are not very common
- Will be able to tell the principles of approach to psychiatric patients in emergency

situations
- Define the principles of psychotherapy
- Will be able to know and apply emergency intervention principles

UROLOGY INTERNSHIP

PURPOSE

Providing information about symptomatology, examination findings and diagnosis methods of these diseases as a first level of physician with the first treatment in case of necessity and the level of information to be referred to the pre-diagnosis group in the disease group in which the upper level treatment service will be required. Students will have the advantage of internship in a university clinic and will be aimed at obtaining preliminary information and developing a vision about the treatment methods developed by modern medicine.

LEARNING GOALS

- The learning of symptomatology, physical examination and diagnostic methods of genital anomalies and providing these patients with the appropriate centers
- Learning symptomatology, physical examination and diagnostic methods of urinary system anomalies and ensuring the comfort of these patients
- Learning symptomatology, physical examination and diagnostic methods of urinary tract tumors and providing the appropriate centers for these patients
- Learning the symptomatology, physical examination and diagnostic methods of prostate diseases such as prostate cancer and benign prostatic hyperplasia and providing these patients with the appropriate centers
- Performing first-line diagnosis and treatment of sexually transmitted diseases and urinary tract infections, providing compliments of complaints, taking preventive measures
- Giving preliminary information about male reproductive and dysfunction
- Emergency treatment (renal colic) in urinary system stone disease, learning of symptomatology, physical examination and diagnostic methods of stone disease and providing these patients with the appropriate centers
- Learning bladder work disorders, urinary incontinence-urination difficulties, symptomatology, physical examination and diagnostic methods of voiding problems and providing these patients with the appropriate centers
- Informing about diagnostic and imaging methods in urological diseases
- Retraining of clinical linkage of genitourinary system physiology
- To give information about first stage diagnosis and treatment approach in urologic emergency such as testicular torsion, genitourinary trauma.

ANAESTHESIOLOGY AND REANIMATION INTERNSHIP

PURPOSE

- To provide the students with basic information about the methods of applying different anesthesia; acquiring knowledge and skills related to the provision and maintenance of airway openness is the main objective of anesthesia internship.

INFORMATION

- General and regional anesthesia applications and the drugs and equipment used will be

listed

- Fluid therapy will define blood gas analysis applications
- They will be able to define basic treatment approaches to pain patients
- Define basic treatment approaches to poisoning patients
- They will be able to know the patients who are in need of intensive care, and will be able to pass information about intensive care treatment and follow-up methods
- Describe the indications, complications and steps of central venous catheterization
    - Do urinary system examination
    - Male genital system examination (varicocele, testis, rectal examination)
    - Urethral sounding

SKILLS

- Be able to use the necessary tools and equipment for airway opening and able to perform endotracheal intubation independently
- Be able to open intravenous vasculature
- Be able to make and interpret the standard noninvasive monitorisation required during anesthesia applications
- Be able to diagnose cardiac arrest and perform cardiopulmonary resuscitation (CPR) in a patient with cardiac arrest

ATTITUDE

- Create awareness about anesthesia science
- The knowledge and skill gained in this internship can be applied in the professional life when necessary

CHILD MENTAL HEALTH AND DISEASES INTERNSHIP

PURPOSE

To be able to recognize mental disorders seen in the field of child and adolescent mental health and to be able to prioritize protective approaches in treatment.

INFORMATION

- Be able to explain the clinic of child mental health disorders
- Be able to evaluate causes and prevention methods of common mental disorders in children
- To be able to interpret diagnosis and treatment methods in patients
- Be able to rank methods of evaluating child mental health and diseases (psychological examinations and tests)

SKILLS

- Be able to get a story of mental illness according to developmental level in child
- Ability to get a mental illness story appropriate to the developmental level
- Psychological examination of children's adolescents
- Be able to make a differential diagnosis for mental illnesses in children and adolescents

ATTITUDE

- Emphasize the application of appropriate interaction skills in psychological examination and interviews with children and family

NEUROSURGERY

PURPOSE

Be able to define the basic issues and principles of neurosurgery, diagnosis and treatment of common diseases

INFORMATION

- Be able to define head and spinal trauma
- Must be able to rank general features of brain tumors
- Ability to recognize degenerative spinal diseases
- Be able to define KIBAS and its treatment
- Must have knowledge about functional neurosurgery
- Be able to define pediatric neurosurgical diseases
- Develop empathy

THORACIC SURGERY

PURPOSE

- To give our students the freedom to express their own original ideas, to have the courage to approach with scientific skepticism from all sources, and to acquire the ability to question all kinds of ideas including their own.
- To provide quality services to patients with thoracic surgery and provide health services by examining the needs of the society
- To contribute to the training of physicians who have knowledge, skills and equipments at the highest level and know the country facts
- To educate physicians who can apply effective, safe and cost effective treatment plans for patients

- Choosing blood-based methods in the field of thoracic surgeon, understanding the importance of life-long learning and raising confident and qualified scientists
- To train specialist physicians who can choose the necessary diagnosis and treatment methods in the field of thoracic surgery and have critical knowledge skills and equipments
- To develop joint projects with other branches and other universities in our university in the fields of education and research

CARDIOVASCULAR SURGERY

PURPOSE

At the end of this internship, the students will be able to explain the treatment of adult and pediatric cardiovascular diseases, the problems related to vascular diseases, explain the surgical treatments and guide the cardiovascular surgical patients appropriately.

INFORMATION

- Describe adult and pediatric cardiac surgery methods
- List signs and symptoms of peripheral arterial and venous diseases
- Identify basic features of open heart surgeon and components of heart lung machine
- Explain the surgical treatment methods of aortic diseases

- Explain peripheral vascular catheterization
- Will be able to evaluate the treatment methods of coronary artery diseases and myocardial infarction complications
- Explain the features of congenital heart diseases

SKILLS
- Will be able to perform cardiovascular system examination

ATTITUDE
- Be able to recognize the importance of proper approach to cardiovascular surgical patients
- Will be able to distinguish emergency cardiovascular diseases and, if necessary, ensure that these patients are referred to appropriate centers

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY

PURPOSE

Knowledge of the origins, fields and basic principles of the plastic surgeon

INFORMATION
- Recognizing the history of plastic surgeon
- Defining areas covered by a plastic surgeon
- Understanding the basic principles of plastic surgery

SKILLS
- To perform maxillofacial trauma examination
- Examination of hand injuries
- Getting stitching skills

ATTITUDE
- Obtaining the principles of approach to a trauma patient
- Obtaining the principles of approach to congenital anomalous patient
- Learning the principles of approach to a patient with tumor suspicion

WORK HEALTH AND WORKPLACE PHYSICIAN

PURPOSE

To acquire knowledge, attitude and attitude about the application of the concept of "Occupational health and workplace medicine" of 5th term students of Gazi University Medical Faculty

LEARNING GOALS
- To be able to know the services of the workplace medicine in the first step
- Definition and concept of occupational health
- List the applications of workplace physician and workplace health unit
- To understand the importance of early diagnosis and protection in Occupational 1 diseases
- Sorting occupational diseases which are common in Turkey

- Be able to comprehend the importance of health education in protecting and developing environmental health of industry
- Workplace health unit / Be able to implement the workplace common health unit applications
- Describe the practices of occupational diseases in hospitals
- Being able to evaluate referral criteria for occupational diseases to hospitals
- Be able to define the practices of Occupational Health and Safety Center
- To be able to report field applications according to determined criteria

NUCLEAR MEDICINE INTERNSHIP

- To be able to explain basic principles of scintigraphic imaging and radionuclide treatment
- To be able to count radiation protection principles
- To be able to explain the involvement mechanisms of widely used radiopharmaceuticals in the visualization of various organ systems
- To be able to count indications of myocardial perfusion scintigraphy and applied stress protocols
- Be able to tell the role of nuclear medicine diagnostic methods in differential diagnosis in the evaluation of thyroid nodule and hyperthyroidism patient
- To be able to explain indications of i-131 therapy in benign and malign thyroid diseases and what should be considered in patient preparation
- To be able to interpret changes in renogram curves of diuretics applied in dynamic renal scintigraphy
- Display of phases of bone scintigraphy, hyperemia sign and otoplastic activity on film
- Define patient preparation for tumor FDG PET examination
- Can demonstrate the physiological involvement of FDG in the tumor fdg pet assay on film and determine whether the findings are normal or not

AUDIOLOGY INTERNSHIP

PURPOSE

It is aimed that the term 5 students should make within the national çep a diagnosis about ENT diseases frequently in their professional lives and arrange emergency intervention and treatment.

INFORMATION

- To be able to define the causes of ENT diseases
- To be able to describe frequently encountered clinical and laboratory findings of common ENT diseases in the community
- To be able to comprehend the treatment of common ENT diseases

SKILLS

- Be able to examinate ear nose neck and head and neck
- Be able to apply Rinne - Weber, Schvvabach and Diapozon tests
- Be able to remove foreign body from the ear
- Be able to clean the ear
- Be able to diagnose Otitis media types
- Be able to decide on the treatment of otitis media types

- Be able to evaluate hearing and balance
- Be able to evaluate nasal obstruction situations
- Be able to evaluate nose bleeds with causal relation
- Be able to put a nasal pad
- Be able to recognize acute upper respiratory tract infections
- Be able to choose the appropriate treatment in acute upper respiratory tract infections
- Be able to recognize laryngeal obstruction

ATTITUDE

- Be aware of the importance of respecting patient-physician relationships
- Non-prejudicial approach to patients
- Ability to evaluate patient information scientifically and impartially
- Apply privacy and impartiality principle on the personal information of patients

RADIATION ONCOLOGY INTERNSHIP

PURPOSE

In addition to the policlinic responsibility in the radiation oncology clinic, by giving practical and practical applications such as approach to oncology patient, taking a story, treatment planning, and to gain the skill and attitude of practicing physician art in the frame of professional and ethical values

INFORMATION

To be able to evaluate treatment management according to the primary cancer site in cancer patients, to be able to identify possible early and late side effects in patients receiving radiotherapy and / or chemotherapy, to inform patients and their relatives about cancer prevention and secondary cancer prevention in completed patients. Also to give basic information about radiation source and working principles and to learn the rules to be observed in the health units where these devices are located.

SKILLS

To be able to perform detailed and general oncological examinations in cancer patients, to get the patient's history and history, to follow and manage the early and late side effects due to radiotherapy and / or chemotherapy, to be able to coordinate with appropriate sections in this subject, to apply the attitude that must be observed in the health units where the devices are located.

ATTITUDE

To be able to use the effective and unbiased communication, to be scientific, to take care of patient confidentiality, to be able to take the necessary treatment of a patient with a radiation therapy.

MEDICAL BIOCHEMISTRY

KNOWLEDGE LEVEL

- Be able to take the laboratory sample under appropriate conditions, request the relevant tests, and identify biochemical units. Be able to say the organization and functioning of the biochemistry routine laboratory
- In diseases associated with lipid metabolism, they may appropriately request and interpret screening and diagnostic tests

- They can request and interpret the tests used in diagnosis and follow-up of diabetes
- Describe proteins associated with various body fluids and relate them to diseases
- Be able to explain the causes of acid-base balance disorders, to get blood gas samples in intensive care units and emergency department patients, to be able to make claims and to evaluate the results
- Be able to get full urine examination under appropriate conditions, make and interpret
- Be able to request and relate hormone and biochemical tests in thyroid diseases
- Be able to explain full blood count output and relate it to diseases
- Be able to demand and interpret tests related to mineral and bone metabolism
- Be able to demand and interpret urgent diagnostic laboratory tests in heart diseases
- Be able to demand and interpret tests related to liver diseases
- Be able to demand laboratory tests of bleeding diathesis patients and interpret their results
- Be able to interpret urinary and renal function tests and their results
- Be able to relate hormone tests to diseases and interpret prenatal screening tests

PURPOSE

Will be able to do diagnosis and treatment of common psychiatric diseases in society and will be able to monitor and refer them to appropriate conditions when necessary.

INFORMATION

- They will be able to diagnose depression by explaining the signs and symptoms of depression, and will be able to arrange treatment and decide which cases need to be referred
- Will be able to diagnose and explain the signs and symptoms of anxiety disorders and will be able to arrange treatment and refer them when necessary
- Be able to diagnose and diagnose the symptoms and signs of psychotic disorders, to be able to make treatment and to refer them if necessary
- Describe side effects of treatments given to the patient and be alerted when necessary
- Be able to list other mental disorders that are not very common
- Will be able to tell the principles of approach to psychiatric patients in emergency situations
- Define the principles of psychotherapy
- Will be able to know and apply emergency intervention principles

SKILLS

- Take psychiatric history
- Will be able to do psychiatric examination
- Ability to intervene in specified diseases

ATTITUDE

- Be mature on human relationships and information

MEDICINE AND LIDERSHIP INTERNSHIP

PURPOSE

At the end of this internship, Term 5 students will understand the importance of leadership and the elements that constitute it while practicing medicine profession

LEARNING GOALS

- List the differences between leader and manager
- Understand the importance of leadership in medicine
- Explain the importance of team work in health services
- Will be able to list the team and the items that make up it
- Will be able to apply the steps of crisis management
- List problem solving steps
- Recognize the concept of health management
- Realize their own personality and learning characteristics
- Be aware of personal leadership and the elements that make up it

PURPOSE

The practitioner will understand the principles of clinical microbiological approach in the diagnosis of infectious diseases during the practice of field medicine.

INFORMATION

- Be able to explain the characteristics of viral, bacterial, fungal and parasitic agents causing common infections
- Be able to list the laboratory sample sending principles in order to be able to identify the infectious agents
- Explain prevention and control methods of infection agents

SKILLS

- Be able to cell counting in body fluids
- To make clinical microbiological interpretation of infectious diseases

ATTITUDE

- Be able to receive and send samples according to clinical microbiological diagnosis in common infectious diseases
- Having knowledge of clinical microbiology which can manage the process of evaluating the pre-diagnosis of infectious diseases in differential diagnosis of patients

GAZİ UNIVERSITY

SCHOOL OF MEDICINE

2017-2018

PHASE VI ACADEMIC CALENDER

ONSET OF ACADEMIC YEAR: July 01, 2017.

END OF ACADEMIC YEAR: June 30, 2018.

Dean	Prof. Dr. M. Sadık DEMİRSOY
Vice Dean	Assoc.Prof.Dr.Taner AKAR
Vice Dean	Assoc.Prof.Dr.Sevil ÖZGER İLHAN
Head Coordinator	Prof. Dr. Anıl ONAN
Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Işıl İrem BUDAKOĞLU
Assistant Head Coordinator	Assoc.Prof.Dr.L. Arzu ARAL
Assistant Head Coordinator	Prof.Dr.I.İrem BUDAKOĞLU
Phase VI Coordinator	Assoc.Prof.Dr.Fikret BİLDİK
Assistant Phase VI Coordinator	Assoc.Prof.Dr.Asife ŞAHİNARSLAN
Assistant Phase VI Coordinator	Assoc.Prof.Dr.İsa KILIÇASLAN
Assistant Phase VI Coordinator	Assoc.Prof.Dr.Ebru ARHAN

GAZİ UNIVERSITY SCHOOL OF MEDICINE

2017-2018

PHASE VI ACADEMIC CALENDER

ONSET OF ACADEMIC YEAR: July 01, 2017.

END OF ACADEMIC YEAR: June 30, 2018.

	NAME OF INTERSHIP	PERIOD
INTERNAL SCIENCES	Internal Medicine	6 weeks (1,5 months)
	Cardiology	2 weeks (0,5 month)
	Pediatrics	6 weeks (1,5 months)
	Adult Psychiatry	3 weeks
	Emergency Medicine	6 weeks (1,5 months)
SURGICAL SCIENCES	Obstetrics and Gynecology	4 weeks (1 month)
	General Surgery	3 weeks
COMMUNITY BASED APPLICATIONS	Public Health	6 weeks (1,5 months)
	Internal Medicine (field application)	2 weeks (0,5 month)
	Social Pediatrics (field application)	2 weeks (0,5 month)
	MOH Obstetrics and Gynecology Hospitals (field application)	2 weeks (0,5 month)
ELECTIVES	Elective -1 *	3 weeks
	Elective -2 **	3 weeks
TOTAL		48 weeks (12 months)

Phase VI- Interships and Switching Dates

GROUPS	1.BLOCK			2.BLOCK	
A-1-2-3-4-5-6	Internal Medicine (6 weeks)			Public Health (6	
	July 1 - August 15, 2017			August 16 - Septemb	
B-1-2-3-4-5-6	Public Health (6 weeks)			Emergency Medicin	
	July 1 - August 15, 2017			August 16 - Septemb	
C-1-2-3-4-5-6	Emergency Medicine (6 weeks)			Elective-1 (3 weeks)	C
	July 1 - August 15, 2017			August 16 - September 7, 2017	Se
D-1-2-3-4-5-6	Elective (3 weeks)	General Surgery (3 weeks)		Pediatrics (6 w	
	July 1 - July 23, 2017	July 24 - August 15, 2017		August 16- Septembe	
E-1-2-3-4-5-6	Pediatrics (6 weeks)			Internal Medicine-field (2 weeks)	Cardiolog (2 weeks
	July 1 - August 15, 2017			August 16 - August 31, 2017	September 1 September 15,
F-1-2-3-4-5-6	Internal Medicine - field (2 weeks)	Cardiology (2 weeks)	Social Pediatrics (2 weeks)	Psychiatry (3 weeks)	
	July 1- July 15, 2017	July 16 - July 31, 2017	August 1- August 15, 2017	August 16 - September 7, 2017	Se
G-1-2-3-4-5-6	Psychiatry (3 weeks)	Elective - 2 (3 weeks)		Obstetrics and Gynecology (4 wee	
	July 1 - July 23, 2017	July 24 - August 15, 2017		August 16 - Septemb	
H-1-2-3-4-5-6	Obstetrics and Gynecology (4 weeks)		Obstetrics and Gynecology – field (2 weeks)	Internal Medicine	
	July 1 - August 15, 2017			August 16 - Septemb	

GROUPS	3.BLOCK			4.BLOCK	
A-1-2-3-4-5-6	Emergency Medicine (6 weeks)			Elective -1 (3 weeks)	Ge
	October 1 - November 15, 2017			November 16- December 8, 2017	Dec
B-1-2-3-4-5-6	Elective - 1 (3 weeks)	General Surgery (3 weeks)		Pediatrics (6 w	
	October 1 - October 23, 2017	October 24 - November 15, 2017		November 16 - Decem	
C-1-2-3-4-5-6	Pediatrics (6 weeks)			Internal Medicine - field (2 weeks)	Cardiology (2 weeks)
	October 1 - November 15, 2017			November 16 - November 30, 2017	December 1 - Decem 15, 2017
D-1-2-3-4-5-6	Internal Medicine - field (2 weeks)	Cardiology (2 weeks)	Social Pediatrics (2 weeks)	Psychiatry (3 weeks)	
	October 1 - October 15, 2017	October 16 - October 31 2017	November 1 - November 15, 2017	November 16 - December 8, 2017	Dec
E-1-2-3-4-5-6	Psychiatry (3 weeks)	Elective - 2 (3 weeks)		Obstetrics and Gynecology (4 week	
	October 1 - October 23, 2017	October 24 - November 15, 2017		November 16 - Decem	
F-1-2-3-4-5-6	Obstetrics and Gynecology (4 weeks)	Obstetrics and Gynecology –field (2 weeks)		Internal Medicine	
	October 1 - November 15, 2017			November 16 - Decem	
G-1-2-3-4-5-6	Internal Medicine (6 weeks)			Public Health (6	
	October 1 - November 15, 2017			November 16 - Decem	
H-1-2-3-4-5-6	Public Health (6 weeks)			Emergency Medicin	
	October 1 - November 15, 2017			November 16 - Decem	

GROUPS	5.BLOCK			6.BLOCK	
A-1-2-3-4-5-6	Pediatrics (6 weeks)			Internal Medicine -field (2 weeks)	Cardiology (2 weeks)
	January 1 – February 15, 2018			February 16 - February 28, 2018	March 1 - March 15 2018
B-1-2-3-4-5-6	Internal Medicine - field (2 weeks)	Cardiology (2 weeks)	Social Pediatrics (2 weeks)	Psychiatry (3 weeks)	
	January 1 - January 15, 2018	January 16 - January 31, 2018	February 1 - February 15, 2018	February 16 - March 9, 2018	
C-1-2-3-4-5-6	Psychiatry (3 weeks)		Elective-2 (3 weeks)	Obstetrics and Gynecology (4 week	
	January 1 - January 23, 2018		January 24 - February 15, 2018	February 16 - March	
D-1-2-3-4-5-6	Obstetrics and Gynecology (4 weeks)		Obstetrics and Gynecology – field (2 weeks)	Internal Medicine	
	January 1 - February 15, 2018			February 16 - March	
E-1-2-3-4-5-6	Internal Medicine (6 weeks)			Public Health (6	
	January 1 - February 15, 2018			February 16 - March	
F-1-2-3-4-5-6	Public Health (6 weeks)			Emergency Medicin	
	January 1 - February 15, 2018			February 16 - March	
G-1-2-3-4-5-6	Emergency Medicine (6 weeks)			Elective -1 (3 weeks)	Ge
	January 1 - February 15, 2018			February 16 - March 9, 2018	
H-1-2-3-4-5-6	Elective -1 (3 weeks)		General Surgery (3 weeks)	Pediatrics (6 w	
	January 1 - January 23, 2018		January 24 - February 15, 2018	February 16 - March	

GROUPS	7.BLOCK			8.BLOCK	
A-1-2-3-4-5-6	Psychiatry (3 weeks)	Elective - 2 (3 weeks)		Obstetrics and Gynecology (4 week	
	April 1 - April 23, 2018	April 24 - May 15, 2018		May 16 - June 30	
B-1-2-3-4-5-6	Obstetrics and Gynecology (4 weeks)	Obstetrics and Gynecology – field (2 weeks)		Internal Medicine	
	April 1 - May 15, 2018			May 16 - June 30	
C-1-2-3-4-5-6	Internal Medicine (6 weeks)			Public Health (6	
	April 1 - May 15, 2018			May 16 - June 30	
D-1-2-3-4-5-6	Public Health (6 weeks)			Emergency Medicin	
	April 1 - May 15, 2018			May 16 - June 30	
E-1-2-3-4-5-6	Emergency Medicine (6 weeks)			Elective -1 (3 weeks)	Ge
	April 1 - May 15, 2018			May 16 - June 7, 2018	
F-1-2-3-4-5-6	Elective - 1 (3 weeks)	General Surgery (3 weeks)		Pediatrics (6 w	
	April 1 - April 23, 2018	April 24 - May 15, 2018		16 May 2018 - 30 J	
G-1-2-3-4-5-6	Pediatrics (6 weeks)			Internal Medicine - field (2 weeks)	Cardiology (2 weeks)
	April 1 - May 15, 2018			May 16 - May 31 2018	June 1 - June 15, 20
H-1-2-3-4-5-6	Internal Medicine - field (2 weeks)	Cardiology (2 weeks)	Social Pediatrics (2 weeks)	Psychiatry (3 weeks)	
	April 1 - April 15, 2018	April 16 – April 30, 2018	May 1 - May 15, 2018	May 16 - June 7, 2018	

SEMESTER VI

Goal

Our aim is to make the clinic and field applications related to the theoretical and practical education our intern doctors have obtain within the content of "Core Education Programme", and make them apply their graduate qualifications the best, which should be acquired to practice the art of medicine.

LEARNING OBJECTIVES

Knowledge

• Describe the changes that diseases cause.
• Describe the causes and differential diagnosis of diseases.
• Describe and define the most frequently seen clinical and laboratory findings of common diseases.
• To plan the treatment of diseases.
• To define in which health institution the diseases can be treated.
• To recognize the healthiness of the community and the environment, with field applications.
• Describe the content of preventive health services.

Application

• Apply the required diagnostic methods for diagnosis of diseases.
• To interpret normal and pathological clinical and laboratory findings.
• To make initial interventions of emergency situations and trauma cases, to participate in diagnosis, examination and treatment applications.
• To apply effective, safe and low cost diagnostic and treatment methods in common diseases.
• To write prescription, epicrisy, consent, death certificate, judicial report.
• To use or apply interventional and non-interventional basic medical applications, appropriate to their educational level
• To apply the on-field procedures that can be made by a practitioner physician, and the procedures thet can be done in a primary health care instituions.
• Making critical decisions and able to think critically in clinical decision making process.

Attitude

• Within the light of ethical values, be principled and respectful in their relations with patients and his colleagues, and use effective communication methods.
• To approach scientifically to the problems, use an evidence-based approach, use scientific methods, evaluate and interpret scientific datas.
• Evaluate patient information scientifically and objectively.
• Applying the principle of privacy and impartiality for personal information of patients.
• Considering and becoming familiar with the social causes of health problems.

ÖĞRENCİ TEMSİLCİLERİ

İNGİLİZCE TIP

2017-2018

ADI SOYADI	TELEFON	SINIFI
NEVA SATILMIŞ	0 534 251 85 73	I
KAAN HASİBOĞLU	0 531 250 04 13	2
DENİZ SILA ARICI	0 537 484 39 30	2
GÜLSÜM SUEDA	0506 693 24 03	3
ÖMER METİN	0541 819 5038	3
MUSTAFA YILMAZ	0507 834 27 67	4
DİLARA ORUÇ	0507 438 39 13	4
AYŞENUR KOZLU	0 505 959 44 99	4
YUSUF YILMAZ	0553 394 51 81	5
MUHAMMET CAN ERDOĞAN	0 535 445 49 69	5
ŞEYMA YUSRA SOĞANDA	0 505 595 26 36	5
NAİL ZELYURT	0 506 352 55 66	6

2017-2018
GAZİ UNİVERSITY FACULTY OF MEDICINE
STUDENT CLUBS ACTIVITY GROUPS CONSULTANT TEACHING STAFFS

Tıp Fakültesi Avrupa Entegrasyon ve Cerrahi Topluluğu Prof.Dr. Lütfi TUNÇ
Tıp Fakültesi Bilimsel Araştırma Topluluğu Prof.Dr. Vedat BULUT
Tıp Fakültesi Atasagun Bilimsel ve Sosyal Öğrenci Topluluğu Prof.Dr. Sefer AYCAN
TurkMSIC Tıp Fakültesi Tıp Öğrencileri Birliği Gelişim Topluluğu Prof.Dr. Nur BARAN AKSAKAL
Tıp Fakültesi Sinema ve Edebiyat Topluluğu Doç.Dr. Bülent CENGİZ
Tıp Fakültesi Psikiyatri Topluluğu Prof.Dr. Aslı KURUOĞLU
Tıp Fakültesi Kök Hücre Araştırma Topluluğu Doç.Dr. Zühre KAYA
Tıp Fakültesi Gazi Genç Yeryüzü Doktorları Topluluğu Prof.Dr. Zeki TANER
Tıp Fakültesi Sosyal ve Aktif Hekimler Topluluğu Prof.Dr. Elvan İŞERİ
Tıp Fakültesi Tıbbı Etik ve Deontoloji Topluluğu Prof.Dr. Nesrin ÇOBANOĞLU
Tıp Fakültesi Nörobilim,Genetik ve Medikal Topluluğu Doç.Dr. Alp Özgün BÖRÇEK
Tıp Fakültesi Fotoğraf Topluluğu Prof.Dr. Kenan HIZEL
Tıp Fakültesi Kan ve Organ Bağışı Topluluğu Prof.Dr. Nur BARAN AKSAKAL