

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE III
ACADEMIC PROGRAM BOOK
2021- 2022**

Student's

Name :

Number :

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE III

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(TEACHING YEAR 2021 – 2022)

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YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

AIM OF MEDICAL EDUCATION PROGRAM

*“Consensus Commission Report” based on draft compiled at “*Workshop for Revision of Aim and Outcomes of Medical Education Program at Yeditepe University Faculty of Medicine*”

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AIM

The aim of medical education program *is to graduate physicians* who

- **are aware of** the local and global health issues
- **have acquired competence** in knowledge, skills and attitudes to manage and provide primary health care service
- **know, apply** and **care** for ethical principles of the medical profession
- **keep up with** current knowledge at national and international level
- **are capable of** systematical thinking
- **are** investigative and questioning
- continually **renovate** and **improve** themselves
- **are capable of** teamwork
- **use** technology competently in medicine and related areas
- **have** effective communication skills
- **have** community leadership qualifications

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

PROGRAM OUTCOMES OF MEDICAL EDUCATION PROGRAM

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Abbreviations: PO: Program Outcomes, POD: Program Outcomes Domain, PODG: Program Outcomes Domain Group

PODG.1. Basic Professional Competencies

POD.1.1. Clinical Competencies

PO.1.1.1. values preventive health services, **offers** primary prevention (i.e. prevention of diseases for the protection of health), secondary prevention (i.e. early diagnosis and treatment) tertiary prevention (i.e. rehabilitation) and quaternary prevention (i.e. prevention of excessive and unnecessary diagnosis and treatment) services, **provides** consultancy on these issues.

PO.1.1.2. employs a patient-centered approach in patient management.

PO.1.1.3. recognizes most frequently occurring or significant clinical complaints, symptoms, signs, findings and their emergence mechanisms in clinical conditions.

PO.1.1.4. takes medical history from the applicant himself/herself or from the individual's companions.

PO.1.1.5. does general and focused physical and mental examination.

PO.1.1.6. interprets findings in medical history, physical and mental examination.

PO.1.1.7. employs diagnostic procedures that are used frequently at the primary health care level.

PO.1.1.8. selects tests that have evidence-based high efficacy at the primary health care level and **interprets** results.

PO.1.1.9. makes clinical decisions using evidence-based systematic data in health care service.

PO.1.1.10. performs medical interventional procedures that are used frequently at the primary health care level.

PO.1.1.11. manages healthy individuals and patients in the context of health care services.

PO.1.1.12. keeps medical records in health care provision and **uses** information systems to that aim.

POD.1.2. Competencies related to Communication

PO.1.2.1. throughout his/her career, **communicates** effectively with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals, organizations and institutions.

PO.1.2.2. collaborates as a team member with related organizations and institutions, with other professionals and health care workers, on issues related to health.

PO.1.2.3. recognizes the protection and privacy policy for health care beneficiaries, co-workers, accompanying persons and visitors.

PO.1.2.4. communicates with all stakeholders taking into consideration the socio-cultural diversity.

POD.1.3. Competencies Related to Leadership and Management

PO.1.3.1. manages and **leads** within the health care team in primary health care organization.

PO.1.3.2. recognizes the principles of health management and health sector economy, models of organization and financing of health care services.

PO.1.3.3. recognizes the resources in the health care service, the principles for cost-effective use.

POD.1.4. Competencies related to Health Advocacy

PO.1.4.1. recognizes the health status of the individual and the community and the factors affecting the health, **implements** the necessary measures to prevent effects of these factors on the health.

PO.1.4.2. recognizes and **manages** the health determinants including conditions that prevent access to health care.

POD.1.5. Competencies related to Research

PO.1.5.1. *develops, prepares* and *presents* research projects

POD.1.6. Competencies related to Health Education and Counseling

PO.1.6.1. *provides* consultancy services and *organizes* health education for the community to sustain and promote the health of individual and community.

PODG.2. Professional Values and Perspectives

POD.2.1. Competencies related to Law and Legal Regulations

PO.2.1.1. *performs* medical practices in accordance with the legal framework which regulates the primary health care service.

POD.2.2. Competencies Related to Ethical Aspects of Medicine

PO.2.2.1. *recognizes* basic ethical principles completely, and *distinguishes* ethical and legal problems.

PO.2.2.2. *pays importance to* the rights of patient, patient's relatives and physicians, and *provides* services in this context.

POD.2.3. Competencies Related to Social and Behavioral Sciences

PO.2.3.1. *relates* historical, anthropological and philosophical evolution of medicine, with the current medical practice.

PO.2.3.2. *recognizes* the individual's behavior and attitudes and factors that determine the social dynamics of the community.

POD.2.4. Competencies Related to Social Awareness and Participation

PO.2.4.1. *leads* community with sense of responsibility, behavior and attitudes in consideration of individual behaviors and social dynamics of the community, and if there is a necessity, *develops* projects directed towards health care services.

POD.2.5. Competencies Related to Professional Attitudes and Behaviors

PO.2.5.1. *displays* a patient-centered and holistic (biopsychosocial) approach to patients and their problems.

PO.2.5.2. *respects* patients, colleagues and all stakeholders in health care delivery.

PO.2.5.3. *displays* the proper behavior in case of disadvantaged groups and situations in the community.

PO.2.5.4. *takes* responsibility for the development of patient safety and healthcare quality.

PO.2.5.6. *evaluates* own performance as open to criticism, *realizes* the qualifications and limitations.

PODG.3. Personal Development and Values

POD.3.1. Competencies Related to Lifelong Learning

PO.3.1.1. *embraces* the importance of lifelong self-learning and *implements*.

PO.3.1.2. *embraces* the importance of updating knowledge and skills; *searches* current advancements and *improves* own knowledge and skills.

PO.3.1.3. *uses* English language at least at a level adequate to follow the international literature and to establish communication related to the profession.

POD.3.2. Competencies Related to Career Management

PO.3.2.1. *recognizes* and *investigates* postgraduate work domains and job opportunities.

PO.3.2.2. *recognizes* the application requirements to postgraduate work/job domains, and *distinguishes* and *plans* any requirement for further training and work experience.

PO.3.2.3. *prepares* a resume, and *recognizes* job interview methods.

POD.3.3. Competencies Related to Protection and Development of Own Physical and Mental Health

PO.3.3.1. *implements* the rules of healthy living.

PO.3.3.2. *displays* appropriate behavior specific to work under stressful conditions.

PO.3.3.3. *uses* self-motivation factors.

INSTRUCTIONAL DESIGN of PRECLINICAL YEARS

In Phase I, II and III, the formation of committees is based on a thematic structure. This structure corresponds to organizational levels of the human body such as macromolecule, organelle, cell, tissue, organ systems and finally introduction to pathogenesis.

- Phase I: Normal structure and function of the human body at molecular, cellular, tissue and organ level.
- Phase II: Normal structure and function of human body at system and multi-system level, and introduction to pathogenesis.
- Phase III: Physiopathological and pathological processes in the human body.

Besides this thematic structure, there is a continuous clinical skills education in Phase I, II and III, as "Introduction to Clinical Practice -I, -II and -III" courses.

Therefore, the core medical courses are;

- Phase I: MED 104 Basic Medical Sciences I, MED 102 Introduction to Clinical Practice I, MED 103 Anatomical Drawing,
- Phase II: MED 201 Basic Medical Sciences II, MED 202 Introduction to Clinical Practice II,
- Phase III: MED 302 Introduction to Clinical Sciences, MED 303 Introduction to Clinical Practice III.

The learning objectives of the phase include learning objectives of core courses. The learning objectives of committees include learning objectives of core courses' components for the committee.

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE CURRICULUM 2021-2022
PHASE III

CODE		THIRD YEAR	W	T	A	L	Y	E
MED	302	Introduction to Clinical Sciences	40					53
MED	303	Introduction to Clinical Practice III	40					5
MED	XXX	Free Elective Course ¹ (SS)	14					2
Total Credits								60

The curriculum applies to 2021-2022 educational term. The duration of educational term for each year is shown in the table as total number of weeks. ECTS credits are the university credits of the courses in Yeditepe University Faculty of Medicine Undergraduate Medical Education Program. 1 ECTS=30 hours of workload including independent study hours per average student. GPA and cGPA calculations are based on ECTS credits.

¹Free Elective Courses. At least one free elective course offered by the Faculty of Medicine or other faculties must be selected in an academic year. Free elective courses provided by Faculty of Medicine in the first three years: MED 611 Medical Anthropology, MED 612 Creative Drama I, MED 613 Medical Humanities, MED 614 Personal Trademark Development, ,MED 615 Innovation Management, MED 616 Medical Management and New Services Design Skills, MED 619 Entrepreneurship and Storytelling Techniques for Business Purposes, MED 620 Art, Culture and Life Styles, MED 621 Epidemiological Research and Evidence Based Medicine, MED 622 Applications of Economics in Health Care, MED 623 Visual Presentation in Medicine, MED 627 Presentation of Medicine on Media, MED 628 Healthy Living, MED 629 Music and Medicine, MED 630 Health Law, MED 631 Creative Drama II, MED 632 Music Appreciation, MED 633 Communication with Hearing Impaired Patients in Turkish Sign Language, MED 634 Case Based Forensic Science,

²Common Courses. These courses are obligatory in all programs of the university. The university credit values of the common courses are as stated by the University Senate. Except for HUM 103, these courses are not to be included in the GPA and cGPA calculations. Courses on Turkish Language and Culture for Foreigners (AFYA). Based on the result of Turkish Language Proficiency Exam, instead of TKL 201 (FS) and TKL 202 (SS) courses, international students will be requested to take the required ones from the AFYA 101 (FS), AFYA 102 (SS), AFYA 201 (FS) and AFYA 202 (SS) courses, designed for them. Each of these courses have credits as Y=3 and E=5. These courses are not to be included in the GPA and cGPA calculations.

T: Theoretical, A: Application , L: Laboratory, Y: Yeditepe University Credit, E: ECTS Credit	Minimum Degree Requirements	
NC: Non-Credit Course, FS: Fall Semester, SS: Spring Semester, W: Weeks.	ECTS	36 0
Approval Date:	Number of courses	53

* Please see https://med.yeditepe.edu.tr/sites/default/files/curriculum_2021-22_ytf_tr.docx for more information.

DESCRIPTION and CONTENT of PHASE III

Physiopathological process and pathological process.

Infectious Diseases, Cardiovascular System, Respiratory System, Hematopoietic System, Gastrointestinal System, Endocrine System, Urogenital System, Nervous System, Psychiatry, Musculoskeletal System, Basic Clinical Skills, Biomedical Ethics and Deontology, Biostatistics.

Emergency Medicine, Family Medicine, Anesthesiology and Reanimation, Neurosurgery, Biostatistics, Biomedical Ethics and Deontology, Pediatrics, Pediatric Surgery, Pediatric Psychiatry, Endocrinology, Infectious Diseases, Immunology, Phytotherapy, Physical Therapy and Rehabilitation, Physiopathology, Gastroenterohepathology, General Surgery, Pulmonary Diseases, Thoracic Surgery, Ophtalmology, Public Health, Hematology/Oncology, Obstetrics and Gynecology, Cardiology, Otorhinolaryngology, Nephrology, Neurology, Orthopedics and Traumatology, Pathology, Psychiatry, Radiology, Rheumatology, Medical Pharmacology, Medical Genetics, Medical Microbiology, Urology, Medical Education.

AIMS and LEARNING OBJECTIVES of PHASE III

AIMS

In evidence based manner.

1. **to remind** anatomy, histology and physiology of body systems,
2. **to convey** necessary knowledge, related to body systems, on prevention of clinical conditions' emergence, protection and improvement of health in healthy conditions.
3. at multi-system level or related to a body system, for clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency;
 - 3.1. **to convey** necessary knowledge on risk factors, etiopathogenesis, physiopathology, and pathology,
 - 3.2. **to convey** knowledge on epidemiology,
 - 3.3. **to convey** knowledge on frequently encountered clinical complaints, symptoms, signs and findings,
 - 3.4. **to convey** necessary knowledge on health care processes, clinical decision making process, clinical decisions and clinical practices, with performance measures, for managing at the level of 7primary health care service,
4. **to convey** knowledge on pharmacology of drugs that are effective at multi-system level, specifically on a body system or on clinical conditions involving a specific body system,
5. **to convey** knowledge on phytotherapeutic agents that are effective at multi-system level, specifically on a body system or on clinical conditions involving a specific body system,
6. **to convey** knowledge on biostatistical analysis,
7. **to convey** basic legal and ethical principles that should be followed in practice of medical profession,
8. **to equip with** basic and advanced professional and clinical (interventional or non-interventional) skills necessary for practice of medical profession.

LEARNING OBJECTIVES

At the end of this phase, student should be able to:

- 1.0. **recall** anatomy, histology and physiology of body systems.
- 2.0. **list** necessities for prevention of clinical conditions' emergence, protection and improvement of health in healthy conditions in relation to body systems.
- 3.0. **explain** risk factors and etiopathogenesis, at multi-system level or related to a body system, of clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency.
- 4.0. at cellular or tissue level,
 - 4.1. **recognize** morphological characteristics,
 - 4.2. **show** basic pathological changes that occur in clinical conditions.
- 5.0. at multi-system level or related to a body system, of clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency;
 - 5.1. **explain** mechanisms of destruction at molecule, cell, tissue, organ, system, multi-system and organismal level,
 - 5.2. **describe** structural and functional changes caused,
 - 5.3. **list** clinical courses in time.
- 6.0. **explain** mechanisms of emergence for frequently encountered;
 - 6.1. clinical complaints,
 - 6.2. symptoms,
 - 6.3. signs,
 - 6.4. laboratory and imaging findingsof clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency.
- 7.0. at multi-system level or related to a body system,
 - for healthy conditions in an individual or community with a request, or
 - in an individual with clinical complaint, symptom, sign or laboratory/imaging finding or in a community,
 - for clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency,**explain** in an evidence-based manner and with performance measures from the aspects of reliability, practicality and outcomes,
 - health care processes,

- acquisition of subjective or objective data, information and knowledge required for clinical decision making,
- clinical decision making process,
- clinical decisions and
- clinical practices

which are required for management at primary health care service level.

7.1. practice of history taking and physical examination (*cardiovascular, pulmonary, gastrointestinal, gynecological, breast, neonatal, prepubertal/pubertal, neurological/neuropsychiatric, musculoskeletal*)

7.2. evaluation of emergency case (*sepsis and septic shock, dyspnea, acute abdominal pain, urological emergencies, neurological emergencies, trauma*)

7.3. approach to healthy individual or patient (*fever, cardiovascular disease, chest pain, cough and hemoptysis, dyspnea, anemia, lymphadenopathy, diarrhea, pregnancy, urinary tract infection, neurological symptoms, headache, depression, dementia, musculoskeletal dysfunction*)

7.4. laboratory and imaging tests/examinations

7.4.1. based on laboratory disciplines/subdisciplines;

1. medical biochemistry tests:

i. (*venous blood collection*)

ii. (*thyroid function tests, diabetes tests*)

2. medical microbiology tests:

i. (*urine sample collection, throat swab specimen, sputum sample collection, urethral-vaginal-cervical discharge/swab specimen, fecal specimen collection, wound sample collection, blood collection for culture*)

ii. (*urine strip/dipstick test, urine culture, rapid screening (antigen/antibody) tests, throat culture, sputum culture, urethral-vaginal-cervical discharge culture, fecal culture, wound culture, blood culture*)

3. medical pathology tests:

i. *Pap smear collection*

ii. *Pap smear*

4. other laboratory tests:

i. (*peripheral/venous blood collection for hematology tests, blood sample collection for therapeutic drug monitoring*)

ii. (*pulmonary function tests, hematology tests for anemia, monitoring of drug therapy*)

5. radiological examinations: (*radiological examinations in gynecology, breast imaging, urology, conventional neuroradiological examinations, spinal neuroradiology, cranial CT, cranial MRI, radiological imaging of musculoskeletal system, radiological examinations in benign and malignant tumors of bones*)

6. nuclear medicine examinations: (*nuclear medicine tests in infectious diseases, radionuclide ventriculography, myocardial scintigraphy, cardiac PET, ventilation/perfusion scintigraphy, PET in lung cancer, nuclear medicine tests in hematology, scintigraphy of liver/spleen, PET in gastrointestinal system tumors, radioisotope imaging of thyroid and parathyroid, renal scintigraphy (GFR, ERPF, Renogram), brain perfusion scintigraphy, brain PET, bone scintigraphy*)

7.4.3. point of care testing

a. based on laboratory disciplines/subdisciplines;

1. medical biochemistry tests: (*diabetes tests, cardiac markers, coagulation tests, blood gases*).

2. medical microbiology tests: (*urine strip/dipstick test, rapid screening (antigen/antibody tests)*)

3. other laboratory tests: (*hematology-peripheral blood smear examination, hematology-complete blood count*)

7.5. making preliminary diagnosis or definitive diagnosis decision

7.6. making non-intervention or intervention decision

7.7. practicing non-intervention or intervention

7.8. referral/transport of healthy individual or patient

AIM and LEARNING OBJECTIVES of CLINICAL SCIENCES (MED 302)

AIMS

In evidence based manner:

1. **to remind** anatomy, histology and physiology of body systems,
2. **to convey** necessary knowledge, related to body systems, on prevention of clinical conditions' emergence, protection and improvement of health in healthy conditions.
3. at multi-system level or related to a body system, for clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency;
 - 3.1. **to convey** necessary knowledge on risk factors, etiopathogenesis, physiopathology, and pathology,
 - 3.2. **to convey** knowledge on epidemiology,
 - 3.3. **to convey** knowledge on frequently encountered clinical complaints, symptoms, signs and findings,
 - 3.4. **to convey** necessary knowledge on health care processes, clinical decision making process, clinical decisions and clinical practices, with performance measures, for managing at the level of primary health care service,
4. **to convey** knowledge on pharmacology of drugs that are effective at multi-system level, specifically on a body system or on clinical conditions involving a specific body system,
5. **to convey** knowledge on phytotherapeutic agents that are effective at multi-system level, specifically on a body system or on clinical conditions involving a specific body system,
6. **to convey** knowledge on biostatistical analysis,
7. **to convey** basic legal and ethical principles that should be followed in practice of medical profession,

LEARNING OBJECTIVES

At the end of this phase, student should be able to:

- 1.0. **recall** anatomy, histology and physiology of body systems.
- 2.0. **list** necessities for prevention of clinical conditions' emergence, protection and improvement of health in healthy conditions in relation to body systems.
- 3.0. **explain** risk factors and etiopathogenesis, at multi-system level or related to a body system, of clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency.
- 4.0. at cellular or tissue level,
 - 4.1. **recognize** morphological characteristics,
 - 4.2. **show** basic pathological changes that occur in clinical conditions.
- 5.0. at multi-system level or related to a body system, of clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency;
 - 5.1. **explain** mechanisms of destruction at molecule, cell, tissue, organ, system, multi-system and organismal level,
 - 5.2. **describe** structural and functional changes caused,
 - 5.3. **list** clinical courses in time.
- 6.0. **explain** mechanisms of emergence for frequently encountered;
 - 6.1. clinical complaints,
 - 6.2. symptoms,
 - 6.3. signs,
 - 6.4. laboratory and imaging findingsof clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency.
- 7.0. at multi-system level or related to a body system,
 - for healthy conditions in an individual or community with a request, or
 - in an individual with clinical complaint, symptom, sign or laboratory/imaging finding or in a community,
 - for clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency,**explain** in an evidence-based manner and with performance measures from the aspects of reliability, practicality and outcomes,
 - health care processes,
 - acquisition of subjective or objective data, information and knowledge required for clinical decision making,
 - clinical decision making process,
 - clinical decisions and
 - clinical practiceswhich are required for management at primary health care service level.

- 7.1. evaluation of emergency case (*sepsis and septic shock, dyspnea, acute abdominal pain, urological emergencies, neurological emergencies, trauma*)
 - 7.2. approach to healthy individual or patient (*fever, cardiovascular disease, chest pain, cough and hemoptysis, dyspnea, anemia, lymphadenopathy, diarrhea, pregnancy, urinary tract infection, neurological symptoms, headache, depression, dementia, musculoskeletal dysfunction*)
 - 7.3. laboratory and imaging tests/examinations
 - 7.3.1. based on laboratory disciplines/subdisciplines;
 1. medical biochemistry tests:
 - i. (*venous blood collection*)
 - ii. (*thyroid function tests, diabetes tests*)
 2. medical microbiology tests:
 - i. (*urine sample collection, throat swab specimen, sputum sample collection, urethral-vaginal-cervical discharge/swab specimen, fecal specimen collection, wound sample collection-, blood collection for culture*)
 - ii. (*urine strip/dipstick test, urine culture, rapid screening (antigen/antibody) tests, throat culture, sputum culture, urethral-vaginal-cervical discharge culture, fecal culture, wound culture, blood culture*)
 3. medical pathology tests:
 - i. (*Pap smear collection*)
 - ii. (*Pap smear*)
 4. other laboratory tests:
 - i. (*peripheral/venous blood collection for hematology tests, blood sample collection for therapeutic drug monitoring*)
 - ii. (*pulmonary function tests, hematology tests for anemia, monitoring of drug therapy*)
 - 7.3.2. imaging tests/examinations based on disciplines/subdisciplines:
 1. radiological examinations: (*radiological examinations in gynecology, breast imaging, urology, conventional neuroradiological examinations, spinal neuroradiology, cranial CT, cranial MRI, radiological imaging of musculoskeletal system, radiological examinations in benign and malignant tumors of bones*)
 2. nuclear medicine examinations: (*nuclear medicine tests in infectious diseases, radionuclide ventriculography, myocardial scintigraphy, cardiac PET, ventilation/perfusion scintigraphy, PET in lung cancer, nuclear medicine tests in hematology, scintigraphy of liver/spleen, PET in gastrointestinal system tumors, radioisotope imaging of thyroid and parathyroid, renal scintigraphy (GFR, ERPF, Renogram), brain perfusion scintigraphy, brain PET, bone scintigraphy*)
 - 7.3.3. point of care testing
 - a. based on laboratory disciplines/subdisciplines;
 1. medical biochemistry tests: (*diabetes tests, cardiac markers-, coagulation tests-, blood gases*).
 2. medical microbiology tests: (*urine strip/dipstick test, rapid screening (antigen/antibody tests)*)
 3. other laboratory tests: (*hematology-peripheral blood smear examination, hematology-complete blood count*)
- 7.5. making preliminary diagnosis or definitive diagnosis decision
- 7.6. making non-intervention or intervention decision
- 7.7. referral/transport of healthy individual or patient

DESCRIPTION of INTRODUCTION to CLINICAL PRACTICE- I, II and III (MED 102, 202, 303)

AIM of ICP PROGRAM

This course aims to equip the students with basic medical skills such as history taking regarding to systems and in general, physical and mental examination in simulated environments in pre-clinical period and to give the students opportunity to develop skills by applying non –invasive or invasive procedures on the mannequins before encountering with real patients. The students improve the gained skills by observing real encounters in the clinical settings during 2nd and 3rd year.

Description

ICP is a three year longitudinal course that aims to introduce students to the concepts and main elements of medical practice. It will also be an introduction to the medical profession as a whole and will provide a foundation for clinical practice. The course provides knowledge, cognitive and motor skills and experience in fundamental processes and aspects of medical practice. It involves the application of scientific theory, quality assurance and evidence-based best practice protocols.

Credit Facility:

This course has 5 ECTS credits for the first, second and third year students and all of the students are required to pass this course in order to pass the year.

Content of the ICP I-II-III

First year medical students gain knowledge on First Aid approaches, develop skills in Basic Life Support, Patient/Casualty Transportation and Bandaging Techniques regarding First Aid. They also acquire basic knowledge on communication and experience patient-doctor encounters with simulated patients (SP's). The second years ICP Program consist of modules like handwashing, wearing sterile gloves, assessing vital signs, nasogastric intubation, bladder catheterization, intramuscular, subcutaneous, intradermal and intravenous injections as well as iv. catheterization.

In the third year medical students practice with SP's clinical skills like history taking and physical examination focused on body systems and in general and also mental examination. They also gain clinical skills such as suturing techniques and Advanced Cardiac Life Support.

Clinical Skills Laboratory

The Clinical Skills Laboratory is designed for teaching and assessing students at undergraduate level (during the preclinical period from first-year to third year). The lab provides learners with the ideal setting to practice the clinical skills of history taking, physical examination, communication, and gives opportunities to practice invasive and non invasive procedural skills on mannequins.

Each exam room is equipped with video cameras and microphones to record the encounter. An observation area at the center of the lab allows faculty and students to observe the encounters live or view digital recordings for subsequent analysis.

Simulated Patients (SPs)

The simulated patient encounters provide transition of students from the classroom to standardized patient contact in safe environments.

Encounters with specially trained individuals, known as simulated patients (SPs), simulate specific cases in outpatient and emergency settings. The pool of SPs consist of adults, from various backgrounds.

Clinical cases are created through research and extensive training of the patients portraying these roles.

Assessment: The Assessment procedure of ICP is given in the Assessment Table in this booklet.

Rules for Attendance of the Students: Students are grouped into 4 and group lists are announced in the announcement board at the beginning of the year. Any changes to practical groups on a week by week basis, will only be considered in exceptional situations such as a medical one. Any changes must be requested by a petition along with relevant documentation to the course coordinator. Any change in sessions will only be accepted interchangeably with another student in another group based on availability of work spaces and course coordinator's discretion (based on evidence provided).

Students are required to follow the rules of professional ethics in the laboratory at any time.

When an OSCE is conducted both students and faculty members complete a written evaluation of the event for the improvement of the course and OSCE.

AIM and LEARNING OBJECTIVES of INTRODUCTION to CLINICAL PRACTICE III (ICP-III) (MED 303)

AIM

The aim of ICP III Program is to equip Phase III students with basic and advanced professional and clinical (interventional or non-interventional) skills necessary for practice of the medical profession.

LEARNING OBJECTIVES

At the end of this phase, student should be able to:

KNOWLEDGE

1. **define** the basic terminology used in general and organ system specific physical examination.
2. **describe** the steps of history taking and physical examination (cardiovascular, pulmonary, ear/nose/throat, gastrointestinal, gynecological, obstetric, breast, neonatal, prepubertal / pubertal, neurological / psychiatric, musculoskeletal).
3. **describe** suture materials and choose the appropriate material.

SKILLS

1. **apply** Advanced Cardiac Life Support on an adult model in accordance with the skill procedure.
2. **perform** sutures in accordance with the skill procedure.
3. **perform** history taking and physical examination (cardiovascular, pulmonary, ear/nose/throat, gastrointestinal, gynecological, obstetric, breast, neonatal, prepubertal / pubertal, neurological / psychiatric, musculoskeletal) on simulated patients or mannequins in accordance with the skill procedure.
4. **describe** the process to be carried out to the patient before any intervention.

ATTITUDE

1. **value** the importance of informed consent
2. **pay** attention to patient privacy
3. **value** the importance of not exceeding the limits of his/her own competency level.

AIM and LEARNING OBJECTIVES of SCIENTIFIC RESEARCH and PROJECT COURSE - III

AIM

The aim of scientific research and project course - III (SRPC – III) is to equip third year medical students with knowledge and skills of writing a scientific project proposal, and furthermore to equip with basic knowledge on scientific career and with skills of preparing CV and cover letter for scientific career.

ASSESSMENT PROCEDURE:

For the assessments of the medical students for the SRPC-III, it is calculated out of 100 points; 50% will be graded at the end of the first semester on CV and cover letter preparation assessment and 50% will be graded via scientific project proposal at the end of the second semester.

CV and cover letter assessment should be loaded to Google classroom **before 21 January 2021 Friday**. The constraints of the scientific project proposal assignment will be discussed in Small Group Study hours, and during the year small group discussion hours on the program will be used to prepare the proposal. The project proposal should be loaded to Google Classroom **before 27 May 2021 Friday**.

Scientific Projects course has 3% contribution to Term Score (TS).

Please note that it is mandatory to attend to SRPC theoretical lecture hours in the program. There will be no acceptance of assignments after the prescheduled dates.

FREE ELECTIVE COURSES

Elective courses aim to add complementary educational experiences to the medical school curriculum in order to improve comprehension of biopsychosocial approach of medical students, besides offering an opportunity to extend knowledge of interest in specific domains.

The following courses (2 ECTS credits each) will be offered in Spring semester. Each student has to choose one of these elective courses. The selection and enrollment procedure will be announced by the phase coordinator.

Code	Subject		
MED 611	Medical Anthropology		
Goals	This course aims to provide, different perspectives of medical issues according to anthropological holistic approach for medical students. To present how social science interprets concepts of health, sickness, illness and disease. To show how culture bound symptoms can vary from culture to culture. To discuss all health problems are universal or cultural and how anthropology describes medical phenomenon by theoretically and methodologically.		
Content	To explain that what is anthropology? What is medical anthropology? What is the relationships between social science and medical? Why we need to be explain some concepts according to perspectives of medical anthropology? The meaning of symptoms: cultural bound symptoms, the personal and social meaning of illness, the stigma and shame of illness, What is the positioning of medical doctors for patients and caregivers; Doctor-Patient relations, patients associations, Biological Citizenship, Medicalized Selves, Biopolitics.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • emphasize cultural patterns of health. • investigate how human behavior that lives in a society is affected by own cultural health patterns. • discuss case studies about how cultural phenomenon affects human and public health. • understand importance of health that is constructed within culture structure by human society. • examine universal definition of health “state of complete physical, mental and social well-being” culturally. • realize interaction between items of cultural system and health system basically; get into the level of knowledge, skills and attitudes 		
Assessment		NUMBER	PERCENTAGE
	Assignments	1	100
	Total	1	100

Code	Subject		
MED 612	Creative Drama		
Goals	The aim of this course is the development of independence, creativity, self-control and problem-solving potential and the development of communication skills of medical students by using drama and creativity through improvisation of exercises		
Content	Discovering, learning and teaching approaches that are student-centered in a curiosity focused setting with various cognitive and active learning styles.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • show drama skills in vocational areas benefiting from access to creativity, collaboration and empathy which are the ways of learning through play and improvisation. 		
Assessment		NUMBER	PERCENTAGE
	In-Term Performance	1	25
	Midterm	1	25
	Final Examination	1	50
	Total		100

Code	Subject		
MED 613	Medical Humanities		
Goals	This course aims to offer a wide variety of subjects related with art, history, cultural values, social movements, philosophy and many other areas. Main targets of this course are to improve Professionalism and Communication Skills and to support the students to develop an understanding about human and his interaction with universe.		
Content	Main concepts of professionalism such as altruism, accountability, excellence, duty, honor and integrity, respect for others and communication skills will be covered through the lectures of history of medicine in an anthropological concept, medicine in literature and visual arts, and cinemeducation.		
Course Learning Outcomes	<p>At the end of this course, the student should be able to</p> <ul style="list-style-type: none"> gain an understanding of the history of medicine as one of social and cultural transformation in the conception of professionalism, disease and what constitutes illness and health through the centuries. develop the skills to write an essay using primary source documents in the context of the history of medicine. gain view of different reflections of medicine in literature and visual arts. develop a point of view to use literature and visual arts as an imagination instrument of compassion, to tolerate ambiguity, to dwell in paradox, to consider multiple points of view. develop better observational and interpretive skills, by using the power of visual arts to elicit an emotional response in the observer. gain understanding about the main values and various dimensions of professionalism. gain insight about his/her own values and develop humanistic values. develop a deeper understanding of human being in various contexts. gain understanding about the various factors which influence health in individual and community level. gain understanding to use films as a comprehensive guide in medical practice. reflect through films to improve their cognitive and emotional awareness. 		
Assessment		NUMBER	PERCENTAGE
	Participation		10
	Assignments		40
	Reflective Writing	1	10
	Final Examination	1	40
	Total		100

Code	Subject		
MED 614	Personal Trademark Development		
Goals	The aim of this course is to equip the students with skills in creating personal image for successful business life and with appropriate behavior in social platforms.		
Content	Business Etiquette creation techniques and personal image methodologies with case studies.		
Course Learning Outcomes	At the end of this course, the student should be able to create personal brand for successful business life. use behavioral codes for business etiquette.		
Assessment		NUMBER	PERCENTAGE
	Participation	1	30
	Final Project	1	70
	Total		100

Code	Subject
MED 615	Innovation Management
Goals	The aim of this course is to convey to the students knowledge on innovative approaches for visionary life, describe the philosophy of futurism.
Content	Strategies for futurism and applied case studies for personal innovation.

Course Learning Outcomes	At the end of this course, the student should be able to use futuristic strategies to create innovative approaches. use innovative and creative thinking techniques in professional life.		
Assessment		NUMBER	PERCENTAGE
	Midterm Exam	1	40
	Presentations and Reports (Interactive Team Work, Social Skills Development, based on subjects studied during classes and applications of them on MED areas & discussions after each presentation)	1	20
	Attendance and Participation (Showing interest to classes, performance during discussion times, performance during pair works, attending classes etc.)	1	10
	Final Project	1	30
	Total	8	100

Code	Subject		
MED 616	Medical Management and New Services Design Skills		
Goals	The aim of this course is to develop leadership skills to manage a team and organizational skills in the case of emergency and lack of crew. Moreover, empathy skills will be developed to create better relationship with the patients, coworkers and customers.		
Content	Leadership Styles, Skills needed in Med, Strategies for New Generation Leadership, Empathy Techniques, Problem Solving with Empathy, and Conciliation with Empathy.		
Course Learning Outcomes	At the end of this course, the student should be able to develop leadership skills to manage teams. use empathy techniques for conciliation with their patients and co-workers.		
Assessment		NUMBER	PERCENTAGE
	Midterm Exam	1	30
	Project Assignment	1	30
	Final	1	40
	Total		100

Code	Subject		
MED 617	Personal Brandmark Management		
Goals	The aim of this course is to teach brand management, healthcare marketing and to explain the healthcare services management.		
Content	Healthcare marketing, Characteristics of health professionals and healthcare consumers, Initial barriers to healthcare marketing, healthcare markets, healthcare consumers, consumer behavior, factors in health services utilization, population health paradigm and management., branding as a strategy, brand equity, brand reputation management, and crises communications, strategies for managing brand equity, rebranding and repositioning, health communication, public relations, ethical and social responsibilities of healthcare marketing management in organizations and society.		
Course Learning Outcomes	At the end of this course, students will be aware of the basic concepts and issues in healthcare marketing; appreciate the necessity of healthcare marketing; understand the main responsibilities, capabilities and skills of managers; comprehend the strategic nature of healthcare marketing as of unique attributes of healthcare markets; the population health paradigm; branding as a strategy; health communication; public relations and emphasize the ethical and social responsibilities of healthcare marketing management in organizations and society.		
Assessment		NUMBER	PERCENTAGE
	Midterm Exam	1	40
	Final Exam	1	60
	Total		100

Code	Subject		
MED 619	Entrepreneurship and Storytelling Techniques for Business Purposes		
Goals	This course aims to equip students with storytelling techniques to make smart decisions, communicate better, think creatively and use this modern technique to manage their professional relations.		
Content	Strategies for storytelling techniques and applications.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> use storytelling techniques in workplace to make decisions, communicate better and think creatively. 		
Assessment		NUMBER	PERCENTAGE
	Midterm Exam (MCQ, Fill in the Blanks, T/F Questions, mostly based on case studies)	1	25
	Presentations and Reports (Interactive Team Work, Social Skills Development, based on subjects studied during classes and applications of them on MED areas & discussions after each presentation)	1	25
	Attendance (Showing interest to classes, performance during discussion times, performance during pair works, attending classes etc.)		5
	Quiz ((Short quizzes to keep students updated about lectures, prepare them to midterm & final, based on subjects studied in the class, Essay or MCQ)	5	5
	Final Exam (MCQ, Fill in the Blanks, T/F Questions, mostly based on case studies)	1	40
	Total		100

Code	Subject		
MED 620	Art, Culture and Life Styles		
Goals	Healthcare members will have high level social status for their business life; and will join several international conferences. This course aims to develop their social and intellectual skills to make them global citizens with art, culture, fashion and life style knowledge.		
Content	Life Style Coaching for participants, Cultural Festivals Through Europe, Art Exhibitions and Movements, Sportive Life Coaching.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> develop intellectual wealth and cultural knowledge. change their life styles for better perspective. increase quality of life. establish work-life balance. 		
Assessment		NUMBER	PERCENTAGE
	Midterm	1	40
	Final Assignment	1	60
	Total		100

Code	Subject
MED 621	Epidemiological Research and Evidence Based Medicine
Goals	The aim is to provide understanding of epidemiological language and terminology by reading, examining and discussing various types of epidemiological research papers and to develop the desire and enthusiasm for epidemiological studies.
Content	Different sessions for each type of epidemiological research will be held. The selected research types are case report, cross-sectional, case- control, cohort study, and randomized controlled trial.
Course Learning Outcomes	At the end of this course, the student should be able to comprehend various types of epidemiological research. explain basic epidemiological terminology.

		NUMBER	PERCENTAGE
Assessment	Participation		50
	Presentations		50
	Total		100

Code	Subject		
MED 622	Application of Economics in Health Care		
Goals	This course aims to teach the essentials of economics and its' core concepts' relevance with health-care.		
Content	Tools and concepts of traditional Microeconomics Theory, health production function, cost & benefit analysis, demand for health insurance and health care markets.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • explain the applications of micro-economic theories in health related areas. • discuss the causes of market failure. • list the factors effecting the demand for health. • explain health insurance supply and demand. • analyse how health care market operates. 		
Assessment		NUMBER	PERCENTAGE
	Mid-term Exam	1	35
	Quizzes, Homeworks		20
	Final		45
		Total	100

Code	Subject		
MED 623	Visual Presentation in Medicine		
Goals	This course aims to teach to design visual aids that are to be used in medical case presentations in computerized systems with Adobe CS Photoshop and Powerpoint programs.		
Content	Understanding of verbal & technological presentation methods/tools to be used in medical case presentations. Computerized design tools like Adobe CS Photoshop and PowerPoint will be taught in computer labs to participants.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • recognize and applies main design principles • design visual materials • use Adobe CS Photoshop and PowerPoint in basic level • manage the presentation program PowerPoint • perform visual designs and presents projects using these programs • criticize the images used in the media 		
Assessment		NUMBER	PERCENTAGE
	In-Term Draft Project Works	1	25
	Midterm	1	25
	Final Project	1	25
	Final Project Presentation	1	25
		Total	100

Code	Subject		
MED 627	Presentation of Medicine on Media		
Goals	This course aims to teach deep understanding to approaches & visual methods/tools available as community communication media in conveying medical knowledge. To analyze technical features		

	and to develop an understanding of aesthetics behind. To develop skills in conveying messages presented via media tools.		
Content	Sensual and perceptual theories of visual communication. Analysis and reading the meaning of the images presented in the media as a PR tool.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • recognize the meaning of the visual literacy as intellectual property • describe the physical features of the light and theory of vision • analyze the images with the help of sensual and perceptual theories such as Gestalt, Constructivism, Semiology and Cognitive Approach. • recognize the differences between advertising, journalism and public relations. • describe the historical and cultural stereotypes used in the media • interpret images in the media (such as typography, graphic design, infographics, photography, TV, computer, internet) in technical, historical, cultural, ethical and critical aspects. 		
Assessment		NUMBER	PERCENTAGE
	Midterm	1	40
	Final	1	60
		Total	100

Code	Subject		
MED 628	Healthy Living: The Milestones of the Life for Performance Management		
Goals	This course aims to support fitness practices & dietary habits of healthy life style for medical students. To introduce techniques for reducing stress with healthy living habits. To highlight the importance of superior physical and mental health status for a better job performance.		
Content	In the content of this course; understanding physiology of the physical activities, risks and benefits of the regular physical activities, using fitness training as a treatment technique, effects of physical activities to reduce stress, the relation between dietary habits and health will have quite importance.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • explain main exercise physiology • define main fitness terms • analyze main risks and benefits of exercising • relate health and eating habits • perform main fitness training techniques • manage the basic exercises necessary for healthy life • perform physical techniques which are frequently used in stress management • explain the relationship between health and nutrition • describe the principles of healthy eating • recognize exercise as a treatment method for common diseases in the community 		
Assessment		NUMBER	PERCENTAGE
	Midterm (reading and discussing article as a group study)	1	25
	Homework (exercise agenda)	1	25
	Final (Case discussion as a group study)	1	50
		Total	100

Code	Subject		
MED 629	Music and Medicine		
Goals	This course aims to convey the past and current uses and utilities of music in medicine.		
Content	The connection of music and medicine throughout the historical development of antiquity and Middle Ages up until today. The place of music in medical practice after the transformations in the Age of Enlightenment and beyond.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • explain the uses of medicine in the past and present. • describe the uses of music in clinical conditions, and before and after surgical treatment. • explain the effects of music before and after surgery 		

	<ul style="list-style-type: none"> describe the types of music used in music therapy 		
Assessment		NUMBER	PERCENTAGE
	Midterm	1	30
	Attendance and Active Participation	1	25
	Final Project		45
		Total	100

Code	Subject		
MED 630	Health Law		
Goals	The aim of the course is that students obtain a legal rationale, take ethical decisions from a legal perspective, act in a respectful way to patients' rights, legal risks and responsibilities.		
Content	The basic concepts of law will be introduced with a view towards health law. The legal nature of medical interventions, concepts of malpractice and complication will be explained. The fundamentals and consequences of legal and criminal liability will be emphasized and medical interventions showing ethical, and legal characteristics will be evaluated from a legal point of view.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> analyze legislature and by-laws related to health law distinguish branches and consequences of legal responsibility in taking decisions about patients, help them to make their own decisions in a proper way by respecting their right to self-determination and their privacy. take ethical decisions from a perspective of patients' rights and legal responsibility identify legal risks in the developing areas of health law 		
Assessment		NUMBER	PERCENTAGE
	Presentation	1	40
	Final Assignment	1	60
		Total	100

Code	Subject		
MED 631	Creative Drama II		
Goals	This course aims the development of body awareness, improvement of communication skills of students by creating an atmosphere where the students can explore the potential of their emotional intelligence.		
Content	In this class, the students will be searching for their abilities for self-representation and being visible in society and going into an active learning process by experiencing image theatre, invisible theatre, newspaper theatre and forum theatre techniques		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> build supportive relationships in group by improving personal cooperating skills. recognize personal awareness, explain and review the schemes of personal attitude, thought and feeling by playing games and different roles. improve critical and creative ways of thinking skills, also improve skills for life-long learning which will be useful for professional life as well as personal life. explore being visible and expressing oneself in front of spectators using games and storytelling techniques. 		
Assessment		NUMBER	PERCENTAGE
	Midterm	1	25
	Performance evaluation	5	25
	Final EXAM		50

		Total	100
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Code	Subject		
MED 632	Music Appreciation		
Goals	This course aims to clarify the structures underlying western classical music in order to understand and appreciate it consciously while considering a historical perspective. Furthermore it will enable the student to understand that it is the foundation of every genre (pop, rap, rock etc.) in western music culture.		
Content	The evolution of music starting as of medieval times, the birth of new musical rules and genres in the Renaissance and the Age of Enlightenment which in turn redefines the different usages of music and lies the foundation of modern compositional rules. The reflection of those in music genres of today.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • define music's founding elements • explain the structural evolution of music within time • explain what the brain perceives under different conditions 		
Assessment		NUMBER	PERCENTAGE
	Midterm	1	30
	Attendance and Active Participation	1	25
	Final Project	1	45
	Total		100

Code	Subject		
MED 633	Communication with Hearing Impaired Patients in Turkish Sign Language		
Goals	The aim of this course is to convey to the students sign language skills and basic vocabulary in order to enable them to communicate with hearing impaired patients.		
Content	Short history of sign language, basic vocabulary, words, terminology and simple sentence building skills regarding patient doctor interview.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • tell the history of sign language • show the basic words in sign language • conduct patient doctor interview in sign language • understand the health problem of the hearing impaired patient • give information about the treatment in sign language • build sentences using basic vocabulary in sign language • develop personal characteristics such as compassion, tolerance for diversity and open mindedness • improve body language • gain understanding about the various factors which influence health in individual and community level 		
Assessment		NUMBER	PERCENTAGE
	Midterm	1	40
	Final Examination	1	60
	Total		100

Code	Subject
MED 634	Case Based Forensic Sciences
Goals	This course aims to increase the awareness of students about forensic cases by presenting them as real case presentations through forensic sciences, where some of the patients that they will examine routinely in their professional lives are forensic cases.
Content	In each lecture, brief introduction information about one of the basic forensic sciences will be given, and with the help of this forensic science, how the case is elucidated and how the process is managed, will be explained in the lectures.

Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • give preliminary information about what the forensic sciences are, and their relationship with medicine and each other. • give examples an idea about the types of forensic cases they may encounter in their professional routine. • gain the awareness that every patient that they examine can turn into a forensic case. • explain the liability of healthcare professionals against forensic cases and what kind of problems both patients and healthcare professionals may encounter if they are omitted. • give preliminary information about the management process of the forensic case. • explain the importance of the holistic approach in the management of forensic cases • explain the importance of professionalization and coordination in forensic science. 		
Assessment		NUMBER	PERCENTAGE
	Assignments and Presentation	1	50
	Final EXAM	1	50
		Total	100

SPECIFIC SESSIONS / PANELS

Introductory Session

Aim of the session:

The session provides basic information about Yeditepe University Faculty of Medicine Undergraduate Medical Education Program (YUFM/UG-ME) and the educational phase relevant to the students. This session orients the students to the program and the phase.

Objectives of the Session:

1. To provide basic information about the YUFM/UG-ME.
2. To provide basic information about the phase.
3. To provide essential information on social programs and facilities.

Rules of the Session:

1. The session will be held in two types, conducted by Phase Coordinator and Committee Coordinator, respectively.
2. The first type will be held once in the first week of the educational phase. The second type will be held at the beginning of each committee.
3. Students should attend the session.

Implementation of the Session:

In the first type, Phase Coordinator will present brief information on the following topics:

- Organizational Chart of Yeditepe University Faculty of Medicine Undergraduate Program (YUFM/UG-ME), Work Descriptions and Introduction of Committees Members,
- Directives on YUFM/UG-ME,
- YUFM/UG-ME Program Outcomes
- Learning Objectives of the Phase
- Academic Program of the Phase
- Teaching and Learning Methods
- Learning Environments and Sources/Resources
- Attendance
- Elective Courses (only in Phase I and Phase II)
- Assessment Procedure
- Grade Point Average, Cumulative Grade Point Average (GPA, cGPA) Calculation
- Pass/Fail Conditions
- Feedback of the Previous Year and Program Improvements
- Social Programs and Facilities

In the second type, Committee Coordinator will present brief information on the following topics:

- Learning Objectives of the Committee
- Academic Program of the Committee
- Teaching and Learning Methods
- Learning Environments and Sources/Resources, References
- Attendance
- Assessment Methods and Question Distribution Table
- Committee Score Calculation Method
- Pass/Fail Conditions
- Feedback of the Previous Year and Program Improvements
- Social Programs and Facilities

Committee Evaluation Session

Aim of the Session:

The aim of the session is to evaluate the committee educational program, with all its components, by the students and the committee coordinators. This session will contribute to the improvement of the educational program in general by giving the opportunity to identify the strengths of the committee educational program and revealing the areas which need improvement.

Objectives of the Program Evaluation Session are to;

- establish a platform for oral feedbacks in addition to the systematically written feedback forms
- give the opportunity to the students and the coordinators to discuss the committee period face to face
- allow the students to review the committee exam questions together with faculty members.

Process:

The total duration of the session is 90 minutes and the session consists of two parts. The first part (30 minutes) is dedicated to oral feedback by the students. All of the oral feedback will be recorded and reported by the committee coordination team. In the second part (60 minutes) committee exam questions will be reviewed and discussed by students and faculty.

Rules of the Committee Evaluation Session:

1. The **Committee Evaluation Session** will be held on the last day of each committee after the committee exam.
2. Students are required to attend the session.
3. The Committee coordinator will lead the session.
4. The faculty members who had contributed questions in the committee exam should attend the session.
5. Students must comply with the feedback rules while giving verbal feedback and all participants shall abide by rules of professional ethics.

Program Improvement Session

Aim:

The aim of this session is sharing the program improvements based on the evaluation of the educational program data, with the students and the faculty members.

Objectives:

1. To share the improvements within educational program with the students and the faculty members.
2. To inform the students and the faculty members about the processes of the program improvement
3. To encourage student participation in the program improvement processes.

Rules:

1. Program improvements session will be implemented once a year. The implementation will be performed at the beginning of the spring semester.
2. Students are required to attend the session.
3. The phase coordinator will monitor the session. If necessary the dean, vice deans and heads of the educational boards will attend to the session.
4. All faculty members will be invited to the session.

Implementation:

Before the Session

1. Phase coordinator will report the results of the improvements of the educational program.
2. The program improvements report has three parts. The first part of the report includes improvements that have been completed, and those that are currently in progress. The second part of the report includes, improvements that are planned in medium term, and the third part of the report includes, improvements that are planned in the long term.
3. The program improvements report also includes the program evaluation data (student feedbacks, faculty feedbacks, results of the educational boards meetings etc.) in use of improvements.

During the Session

4. The phase coordinator will present the program improvements report to the students and the faculty members.
5. Students can ask questions about, and discuss, the results of the program improvement.

Process: The total period of session is 30 minutes and has two parts. The first part (15 minutes) covers, presenting of the program improvement report. The second part (15 minutes) covers, students' questions and discussion.

After the Session

6. The program improvement brief will be published on the website of Yeditepe University Faculty of Medicine (<http://med.yeditepe.edu.tr>).

Multidisciplinary Case Discussion Panel

Aim:

The aim of this instructional method is, to integrate what students learnt during committee, to fit in the clinical context and to promote deep learning.

Objectives:

1. To relate learning objectives of the committee,
2. To relate clinical cases and learning subjects,
3. To explain learning objectives in the resolution of clinical cases,
4. To value the importance of multidisciplinary study in the resolution of clinical cases.

Implementation:

Before the Panel

1. Case/cases that will be discussed in the panel will be chosen by a multidisciplinary team, in compliance with committee learning objectives.
2. The resources to analyze the cases will be specified by multidisciplinary team.
3. Students can get hard copies of the cases and the list of sources from student affairs at the beginning of the committee.
4. Students shall study cases in the context of learning objectives before the panel.
5. Before the panel, students may consult the faculty members for information about cases.

During the Panel

6. Cases will be shared visually with students by the multidisciplinary team.
7. Possible resolution of cases will be shared and discussed with students by the multidisciplinary team.
8. After the resolution of cases, students can ask questions to faculty members about the committee learning objectives in the context of cases.

Process: The total duration of the Panel is 60 minutes and has 2 parts. The first part (40 minutes), covers the presentation of cases, resolution of cases, asking questions to students and discussion as suitable to learning objectives during the resolution by multidisciplinary team. The second part (20 minutes), covers students' questions and discussion.

After the Panel

9. Students may continue reviewing the cases in the context of committee learning objectives.
10. The multidisciplinary team will review the usefulness of cases as a learning tool in the context of committee learning objectives. "The Panel Report" will be written by the multidisciplinary team.

INDEPENDENT LEARNING

Description:

"Independent learning" is a process, a method and a philosophy of education in which a student acquires knowledge by his or her own efforts and develops the ability for inquiry and critical evaluation. It includes freedom of choice in determining one's learning objectives, within the limits of a given project or program and with the aid of a faculty adviser. It requires freedom of process to carry out the objectives, and it places increased educational responsibility on the student for the achieving of objectives and for the value of the goals (1).

Aim:

The aim of this instructional strategy is to develop the students' ability, to learn individually, so they are prepared for the classroom lessons, lectures, laboratory experiences and clinical practices, exams, professional life and have the abilities needed for lifelong learning.

Objectives:

With this instructional strategy, students will develop;

- the skills that will help them to learn independently.
- self-discipline in their work habits.
- their evidence based research skills by using reliable resources.
- their teamwork skills by studying together.
- their clinical skills as self-directed working in the clinical skills laboratory.

Rules:

1. All of the students will define independent learning process according to below algorithm.
2. All of the students will be required to fill out a form, which is a self-assessment form for the independent learning (methodology: timing, sources, strategy, etc.).
3. The students' academic performance and independent learning methodology will be analyzed comparatively, and feed-back on further improvements will be provided.

What a student should do for learning independently?

1. **Analyzing:** First you will need to analyze carefully, what your problems and weaknesses are. For example, if you are studying anatomy, is your weak area broadly upper limb, lower limb, or what?
2. **Addressing:** Once you've decided your specific problems, you can list them. Which one needs to be addressed urgently? Work out your priorities. Whatever your subject area is, don't be afraid to return to the basics if necessary. It may give you more confidence in the long run to ensure you have a proper understanding of basic concepts and techniques.
3. **Accessing:** If you need reliable information, or if you need to read about a subject and put it into context, a textbook may be the best place to start. However, the Internet may be helpful if you need very up-to-date information, specific facts, or an image or video etc. If you need an academic research article, reports or case studies for your topic, then a database (Pubmed etc.) would be the best option.
4. **Timing:** In the weekly syllabus you will see, a specific time called "independent learning hour" for your independent work. In addition to these hours, the students should also have their own time schedule for their study time at home.
5. **Planning:** Your next step will be to work out a realistic study-plan for your work. What goals could you literally set for yourself? Don't make them too ambitious but set minor goals or targets that you know you will be able to achieve without having to spend a very long time working on them. How many hours will you need to achieve them? How will you know when you've achieved them?
6. **Recording:** When you work independently, it's a good idea to keep a written record of the work you've done. This can help with further planning and also give a sense of achievement as well as provide something to include in a progress file. As time goes by you may surprise yourself with what you've been able to achieve. This could motivate you to keep going, as could increase your confidence, and even improve your results
7. **Reflecting:** Reflecting on what you've done can help you decide whether the activity was really effective, whether an alternative approach might be better on another occasion, whether you spent the right amount of time and whether you have achieved the target you'd set yourself.
8. **Improving:** Once you've achieved the target, the process of planning can start again. Your needs and priorities may have changed, so think about them and then set yourself to another target.

ASSESSMENT PROCEDURE

The Assessment Procedure of the Phase III covers exams and scores and their abbreviations that shown below.

- Exams:
 - Committee Exam (CE)
 - Mid-term Exam (MTE)
 - Final Exam (FE)
 - Incomplete Exam (ICE)
 - Make-up Exams (MUE)
- Scores*:
 - Committee Score (CS)
 - Committees Mean Score (CMS)
 - Introduction to Clinical Practice Score (ICPS)
 - Scientific Research and Project Course Score (SRPCS)
 - Final Exam Score (FES)
 - Incomplete Exam Score (ICES)
 - Term Score (TS)

* All scores have a range of 0-100 points.

Assessment approaches, assessment methods and assessment tools, that related with the exam and score types, are shown in below table.

Assessment Approaches	Assessment Methods	Question Types / Assessment Tools	Exams	Derived Scores
Knowledge-based Assessment	WE: Written Examination	MCQ: Multiple Choice Questions	CE, MTE, FE, ICE	CS, ICPS, FES, ICES
		EMQ: Extended Matching Questions	CE	CS
		FSAQ: Fill-in-the-Blank Short Answer Questions	MuE	CS
Competency-based Assessment	OSCE: Objective Structured Clinical Examination	OSCE Checklist		ICPS
Performance-based Assessment	PWPE: Project Writing and Presenting Evaluation	PWPE Checklist		SRPCS

Exams Information (MED 302, MED 303)	
CE	For the proportional correspondence of individual learning objectives, please see the committee's assessment matrix table/page.
FE	FE consists of 200 MCQs. For the proportional contribution of each committee, please see the committee's assessment matrix table/page.
ICE	ICE consists of 200 MCQs. For the proportional contribution of each committee, please see the committee's assessment matrix table/page.
MUE_{ics}	MUE will be held only twice in a term. MUE consists of FSAQs. MUE content will be developed by the coordination committees.

Scores Information (MED 302, MED 303)	
CS	The committee score is based on various question types/numbers and/or assessment tools (MCQ, EMQ, MEQ or Checklists). Please see the committee's assessment matrix table/page for the specifications.
CMS	= Average of CSs
ICPS	= (50% Midterm) + (50% Final)
SRPCS	= Score information is shown in below Scientific Research and Project Course - III page.
FES	= Final Exam Score
ICES	= Incomplete Exam Score
TS <i>for students, <u>who are exempted</u> from FE</i>	= 97% of CMS + 3% of SRPCS
TS <i>for students, <u>who are not exempted</u> from FE</i>	= 97% of (60% of CMS + 40% of FES or ICES) + 3% of SRPCS

Pass or Fail Calculations of the Courses
INTRODUCTION to CLINICAL SCIENCES (ICS) III (MED 302)
<i>Pass; TS ≥ 60</i>
<i>Fail; FES < 50 (barrier point), ICES < 50 (barrier point), or/and TS < 60</i>
<i>The student is <u>exempted from FE</u>, if the CMS is ≥ 80 and all CSs are ≥ 60</i>
<i>The FE and ICE <u>barrier point is not applied</u> to the students whose all CSs are ≥ 60</i>
INTRODUCTION to CLINICAL PRACTICE (ICP) III (MED 303)
<i>Pass; ICPS ≥ 60</i>
<i>Fail; ICPS < 60</i>

The Assessment Procedure of the Phase III will be announced and explained in the introductory session at the beginning of the academic year.

Definitions of the Assessment Methods and Question Types

MCQ consist of a question, followed by five plausible alternative responses from which the student has to select the correct one.

EMQ are similar to multiple choice questions but with one key difference, that they test knowledge in a far more applied, in depth, sense. EMQ is based on a single theme, two or more questions and has a long option list.

MEQ is made up of one or more short answer questions. The student is provided with basic science or clinical information and then asked to write brief responses to one or more questions. When a series of questions is presented, additional information about the original problem can be provided at each subsequent step, guiding the students through an analytical process.

FSAQ, Fill-in-the-Blank Short Answer Questions are typically composed of a brief prompt that demands a written answer that varies in length from one or two words to a sentence.

OSCE describes a form of competency-based testing used to measure a student's clinical competence. During an OSCE, students are observed and evaluated as they go through a series of stations in which they interview, examine and treat simulated patients who present with some type of medical problem.

Grades

A letter grade is given to the students as a success grade, from the numerical values of the grades given by the relevant teaching staff for each course they take, taking into account the practice, laboratory and similar studies in the semester and examinations and academic activities.

Grades and Letter grades are shown for MED coded courses* in the following table:

Grades	Letter Grades
90-100	AA
80-89	BA
70-79	BB
65-69	CB
60-64	CC
59 or less	FF (Fail in the context of "Pass or Fail Calculations of the Courses" table pp.31)
0	FA (Fail due to nonattendance to the courses)

EXAM RULES

- **Seating-** Students will be seated by the exam observers or proctors. Students are not allowed to change their seats without permission.
- **Electronics** – During examinations or tests, students are prohibited from using electronic devices or any other means of communication and recording that have not been approved beforehand. All electronic devices are prohibited. Anyone who fails to comply with these regulations may be charged with academic fraud.
- **Absence** – No additional time will be given to students who are absent for part of the exam, regardless of the reason for their absence.
- **Scratch Paper** – Students are not allowed to bring scratch paper into the exam room.
- **Meaning of Questions** – Students may not consult the supervisor as to the meaning of any question.
- **Signature** – Students must sign their multiple-choice answer sheets and/or written-answer sheets.
- **Other Activities Requiring Disciplinary Action-**
 - Students must not give or receive assistance of any kind during the exam.
 - Gaining access to exam questions before the exam.
 - Using an unauthorized calculator or other mechanical aid that is not permitted.
 - Looking in the exam book before the signal to begin is given.
 - Marking or otherwise writing on the exam book or answer sheet before the signal to begin is given.
 - Making any changes, additions, deletions or other marking, erasing or writing on the exam book or answer sheet after the time for the exam has expired.
 - Having access to or consulting notes or books during the exam.
 - Looking at or copying from another student's paper.
 - Enabling another student to copy from one's paper.
 - Talking or otherwise communicating with another student during the exam or during the read through period.
 - Disturbing other students during the exam.
 - Consulting other persons or resources outside the exam room during the exam.
 - Copying questions or answers either on paper or with an electronic device to take from the exam room.
 - Taking an exam book or other exam materials from the exam room.
 - Taking an exam in place of another student.
 - Arranging to have another person take an exam for the student.
 - Disobeying the conduct of supervisor during the exam.
 - Disclosing the contents of an exam to any other person.
 - Failing to remain in the exam room for a given period of time by the supervisors.
 - Failing to follow other exam instructions.

Those students found to have committed academic misconduct will face administrative sanctions imposed by the administration of Yeditepe University Faculty of Medicine according to the disciplinary rules and regulations of the Turkish Higher Education Council (YÖK) for students (published in the Official Journal on August 18th, 2012). The standard administrative sanctions include, the creation of a disciplinary record which will be checked by graduate and professional life, result in grade "F" on the assignment, exams or tests or in the class. Students may face suspension and dismissal from the Yeditepe University **for up to one school year**. In addition, student may lose any academic and non academic scholarships given by the Yeditepe University **for up to four years**. The appropriate sanctions are determined by the Yeditepe University administration according to egregiousness of the Policy violation.

COURSE LOCATIONS

COURSE CODES	COURSE NAMES	LOCATIONS
MED 302	INTRODUCTION to CLINICAL SCIENCES	Lectures/Sessions/Panels: Room Number: B311, Base Floor, Medical Faculty Block, Yeditepe University Campus. Microbiology Laboratory: Room Number: 934, 5th Floor, Medical Faculty Block, Yeditepe University Campus. Pathology Laboratory: Room Number: 929-930, 5th Floor, Medical Faculty Block, Yeditepe University Campus.
MED 303	INTRODUCTION to CLINICAL PRACTICE	ICP-CSL: Room Number: 442, Base Floor, Medical Faculty Block, Yeditepe University Campus. YH: Yeditepe University Hospital.

Yeditepe University Campus Address: İnönü Mah. Kayışdağı Cad. 26 Ağustos Yerleşimi, 34755, Ataşehir, İstanbul.

Yeditepe University Hospital Address: İçerenköy Mah. Hastane Yolu Sok. No:102-104. Ataşehir, İstanbul.

* Elective courses locations will be announced later.

ACADEMIC CALENDAR of PHASE III 2021 - 2022

INTRODUCTION to CLINICAL SCIENCES (MED 302)

COMMITTEE I

INFECTIOUS DISEASES & HEMATOPOIETIC SYSTEMS (7 Weeks)

Beginning of Committee	September 13, 2021	Monday
End of Committee	October 29, 2021	Friday
Committee Exam	October 27, 2021	Wednesday
National Holiday	October 28^{1/2}, 2021 October 29, 2021	Thursday, Friday

COMMITTEE II

CARDIOLOGY and RESPIRATORY SYSTEMS (7 Weeks)

Beginning of Committee	November 1, 2021	Monday
End of Committee	December 17, 2021	Friday
Committee Exam	December 17, 2021	Friday

Commemoration of Atatürk	November 10, 2021	Wednesday
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COMMITTEE III

GASTROINTESTINAL SYSTEM (4 Weeks)

Beginning of Committee	December 20, 2021	Monday
End of Committee	January 14, 2022	Friday
Committee Exam	January 14, 2022	Friday

New Year	January 01, 2022	Saturday
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COMMITTEE IV

ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS (7 Weeks)

Beginning of Committee	January 17, 2022	Monday
End of Committee	March 18, 2021	Friday
Committee Exam	March 18, 2021	Friday

MIDTERM BREAK	Jan 24 – Feb 4, 2022	
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Physicians' Day	March 14, 2022	Monday
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COMMITTEE V

NERVOUS SYSTEM and PSYCHIATRY (7 Weeks)

Beginning of Committee	March 21, 2022	Monday
End of Committee	May 6, 2022	Friday
Committee Exam	May 6, 2022	Friday

National Holiday	April 23, 2022	Saturday
Labour's Day	May 01, 2022	Sunday
Religious Holiday	May 1^{1/2} – 4, 2022	Sunday - Wednesday

**COMMITTEE VI
MUSCULOSKELETAL SYSTEM (5 Weeks)**

Beginning of Committee	May 9, 2021	Monday
End of Committee	June 10, 2022	Friday
Committee Exam	June 10, 2022	Friday

National Holiday	May 19, 2022	Thursday
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SCIENTIFIC RESEARCH and PROJECT COURSE

Midterm Assessment	Jan 21, 2022	Friday
Final Assessment	May 27, 2022	Friday

INTRODUCTION to CLINICAL SCIENCES (MED 302):

Make-up Exam	June 17, 2022	Friday
Final Exam	July 1, 2022	Friday
Incomplete Exam	July 22, 2022	Friday

INTRODUCTION to CLINICAL PRACTICE – III (MED 303):

Beginning of ICP - III	Sept 27, 2021	Monday
End of ICP - III	May 23, 2022	Monday
Midterm Exam	March 30,31, Apr 1 2022	Wednesday – Friday
Make-up Exam	May 20, 2022	Friday
Final Exam	June 27-29, 2022	Monday - Wednesday
Incomplete Exam	July 25, 2022	Monday

FREE ELECTIVE COURSES:

Introduction to Elective Courses	Dec 6, 2021	Thursday
Beginning of Elective Courses	Feb 11, 2022	Friday
End of Elective Courses	May 27, 2022	Friday
Midterm Exam	March 25, 2022	Friday
Make-up Exam	May 23-27, 2022	Monday-Friday
Final Exam	June 06-17, 2022	Thursday- Friday
Incomplete Exam	June 20- July 1, 2022	Monday- Tuesday

COORDINATION COMMITTEE MEETINGS

1 st Coordination Committee Meeting:	October 19, 2021	Tuesday
2 nd Coordination Committee Meeting: (with student participation)	January 11, 2022	Tuesday
3 rd Coordination Committee Meeting: (with student participation)	May 24, 2022	Tuesday
4 th Coordination Committee Meeting:	July 5, 2022	Tuesday

RECOMMENDED TEXTBOOKS

NO	DEPARTMENT	TEXTBOOK	AUTHOR	PUBLISHER
1	BIOMEDICAL ETHICS & DEONTOLOGY	Medical Law, Ethics, & Bioethics for the Health Professions, 2012	Marcia Lewis, Carol D. Tamparo.	F.A. Davis Publishing House
		Medical Ethics, 2013	Michael Boylan	Wiley-Blackwell Publishing House
2	BIOSTATISTICS	Principles of Biostatistics, 2000	Pagano, Marcello, Gauvreau, Kimberlee	Duxbury Press
		Primer of Biostatistics. 7th Edition, 2011	Glantz, Stanton A	McGraw Hill Professional
3	INFECTIOUS DISEASES AND CLINICAL MICROBIOLOGY	Medical Microbiology with STUDENT CONSULT Online Access. 8th Edition, 2016.	Murray, Patrick R, Rosenthal, Ken S, Pfaller, Michael A.	
4	MEDICAL GENETICS	Emery's Elements of Medical Genetics. 14th Edition.	Turnpenny, Peter D, Ellard, Sian.	Churchill Livingstone
5	NEUROSURGERY	Microneurosurgery, Volume I to Volume V, Thieme Kindle Edition	Mahmut Gazi Yasargil	
		Neurology and Neurosurgery Illustrated, 5th Edition	Kenneth W. Lindsay PhD FRCS, Ian Bone FRCP FACP, Geraint Fuller MD FRCP	
		Handbook of Neurosurgery	Mark S. Greenberg	
6	PHARMACOLOGY	Lippincott's Illustrated Review of Pharmacology. 6th ed, 2015	Harvey, Richard A.	Wolters Kluwer Health
		Katzung's Basic & Clinical Pharmacology. 14th Edition. 2017	Katzung, Bertram G., Masters, Susan B., Trevor Anthony J.	McGraw Hill Companies
		Goodman&Gilman's The Pharmacological Basis of Therapeutics. 13th Edition.2017	Brunton, Laurence, Chabner, Bruce, Knollman, Bjorn	McGraw Hill Companies
7	ORTHOPEDIC SURGERY	Ortopedik Fizik Muayane	Uğur Şaylı	Güneş Tıp Kitapevi
		Review of Orthopaedics 6th edition	Mark D. Miller	
		AAOS Comprehensive Orthopaedic Review 2nd edition	Martin I. Boyer	
8	PATHOLOGY	Robbins Basic Pathology. 9th edition,2013	Abbas Aster, Kumar.	Saunders, Elsevier Inc.
9	PSYCHIATRY	Ruh Sağlığı ve Bozuklukları. 2. Baskı, Ankara 2011	Öztürk O	
		Kaplan & Sadock's Comprehensive Textbook of Psychiatry, 9. Ed. 2009,	Sadock BJ, Sadock VA, Ruiz P.	Lippincott Williams & Wilkins, PA, USA
		Neuroscience. 5. Ed. 2012	Purves D, Augustine GJ. Fitzpatrick D.	Sinauer Assoc, Mass, USA.
10	GENERAL SURGERY	Schwartz's Principles of Surgery, 10th edition, July 16, 2014	Brunicaardi, F	
11	UROLOGY	Campbell-Walsh Urology, 11th Edition 4-Volume Set. 2016	Alan J. Wein, MD, FACS, PhD (hon), Louis R. Kavoussi, MD, Alan W. Partin, MD, PhD and Craig A. Peters, MD	Elsevier

COMMITTEE I - INFECTIOUS DISEASES & HEMATOPOIETIC SYSTEM
DISTRIBUTION of LECTURE HOURS
September 13, 2021 – October 29, 2021
COMMITTEE DURATION: 7 WEEKS

MED 302	INTRODUCTION to CLINICAL SCIENCES	ABBR.	THEO.	PRAC.	LAB/CSL	DISCUSSION	TOTAL
DI S C I P L I N E	INFECTIOUS DISEASES	ID	20				20
	MEDICAL MICROBIOLOGY	MM	10		2 X 1=2 (4 Groups)		12
	PHARMACOLOGY	PC	21				21
	PATHOLOGY	PT	12			2	14
	BIOMEDICAL ETHICS & DEONTOLOGY	BED	12				12
	HEMATOLOGY	HEM	11				11
	PUBLIC HEALTH	PH	8				8
	IMMUNOLOGY	IMM	6				6
	MEDICAL GENETICS	MG	5				5
	PEDIATRICS	PED	4				4
	PATHOPHYSIOLOGY	PP	4				4
	PHYTOTHERAPY	PHY	3				3
	BIOSTATISTICS	BS	3				3
	ONCOLOGY	ONC	3				3
	FAMILY MEDICINE	FM	1				1
	EMERGENCY MEDICINE	EM	1				1
	INTERDISCIPLINARY	MCDP					2
TOTAL			124		2	4	130
OTHER COURSES							
	SCIENTIFIC RESEARCH and PROJECT COURSE-III	SRPC				2	2
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III			2 X 3=6 (4 Groups)		6
TOTAL			124		8	6	138
INDEPENDENT LEARNING							107

Coordination Committee

HEAD	Meral Sönmezoğlu, MD, Prof.
SECRETARY	Ayşegül Kuşkuçcu, MD, Assoc. Prof.
MEMBER	Ece Genç, PhD, Prof.
MEMBER	Ferda Özkan, MD, Prof.
MEMBER	Atilla Özkan, MD, Assoc. Prof.

**COMMITTEE I - INFECTIOUS DISEASES & HEMATOPOIETIC SYSTEM
LECTURERS**

MED 302 INTRODUCTION to CLINICAL SCIENCES	
DISCIPLINE	LECTURERS
INFECTIOUS DISEASES	Meral Sönmezoğlu, MD, Prof.
MEDICAL MICROBIOLOGY	Aynur Eren, MD, Prof.
PHARMACOLOGY	Ece Genç, PhD, Prof. Emine Nur Özdamar, MD, Assist. Prof Ahmet Cenk Andaç, Assist. Prof
PATHOLOGY	Aydın Sav, MD, Prof. Ezgi Hacıhasanoğlu, MD
HEMATOLOGY	Atilla Özkan, MD, Assoc.Prof.
PEDIATRICS	Sabri Kemahlı, MD, Prof S. Perihan Saf, MD
PUBLIC HEALTH	Erol Sezer, MD, Prof Hale Arık Taşyikan, MD, Assist. Prof
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, Prof.
BIOMEDICAL ETHICS & DEONTOLOGY	Elif Vatanoğlu Lutz, Assoc. Prof.
FAMILY MEDICINE	Güldal İzbirak, MD, Assoc.Prof.
EMERGENCY MEDICINE	Mustafa Ferudun Çelikmen, MD, Assist Prof.
BIOSTATISTICS	Çiğdem Keleş, PhD, Assist. Prof.
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, MD, Assoc. Prof.
PHYTOTHERAPY	Erdem Yeşilada, PhD, Prof. M. Engin Celep, PhD, Assist. Prof.
ONCOLOGY	
IMMUNOLOGY	Gülderen Yanıkkaya Demirel, MD, PhD, Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT COURSE-III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Zeynep Alkan, MD, Assoc. Prof. Serdar Özdemir, MD, Assist. Prof. Deniz Tansuker, MD, Assoc. Prof.

COMMITTEE I - INFECTIOUS DISEASES & HEMATOPOIETIC SYSTEM

AIMS and LEARNING OBJECTIVES

AIMS

The aim of this committee is to convey fundamental knowledge on the prevention measures, etiology, pathophysiology, clinical symptoms and signs, differential diagnosis and pharmacology of drugs used in infectious and hematological clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency. In addition to infectious and hematological clinical conditions, this committee aims to convey necessary knowledge on ethical problems, biostatistical knowledge required in design of medical research and to convey necessary knowledge on genetic basis of clinical conditions, immune response and phytotherapy.

LEARNING OBJECTIVES OF INFECTIOUS DISEASES

In evidence based manner, and related to conditions which are frequent in community and/or pose high risk for individual or community health, and/or life threatening or constitute an emergency, at the primary health care level; at the end of this committee, the student should be able to:

- I1. to recall knowledge on structures of agents that cause infectious clinical conditions
- I2. to define pathogenesis of mechanisms of agents that cause infectious clinical conditions
- I3. to explain epidemiology of infectious clinical conditions
- I4. to explain prevention of infectious clinical conditions, and protection or improvement of health against these conditions,
- I5. to explain mechanisms of occurrence for frequently encountered clinical complaints, symptoms, signs and findings in infectious clinical conditions
- I6. to explain knowledge together with performance measures on health care processes, clinical decision making process, clinical decisions and clinical practices required for managing infectious clinical conditions,
- I7. to explain fundamental knowledge on pharmacology of drugs used in infectious clinical conditions
- I8. to define ethical problems encountered in health care service and utilization, and on principles of solutions,
- I9. to convey necessary knowledge on genetic basis of clinical conditions,
- I10. to define biostatistical knowledge required in design of medical research (research design, planning, medical research)

LEARNING OBJECTIVES OF HEMATOPOIETIC SYSTEM

In evidence based manner, and related to conditions which are frequent in community and/or pose high risk for individual or community health, and/or life threatening or constitute an emergency related to Hematopoietic System, at the primary health care level; at the end of this committee, the student should be able to:

- H1. to recall knowledge on histology and physiology of hematopoietic system,
- H2. to define etiopathogenesis of clinical conditions
- H3. to explain epidemiology of clinical conditions related to hematopoietic system
- H4. to explain prevention of clinical conditions, and protection or improvement of health against those clinical conditions related to hematopoietic system,
- H5. to explain mechanisms of occurrence for frequently encountered clinical complaints, symptoms, signs and findings in clinical conditions related to hematopoietic system,
- H6. to explain together with performance measures on health care processes, clinical decision making process, clinical decisions and clinical practices required for managing clinical conditions related to hematopoietic system,
- H7. to convey knowledge on pharmacology of drugs that are effective on hematopoietic system or on clinical conditions involving hematopoietic system,
- H8. to define basic knowledge on phytotherapy
- H9. to define comparative biostatistical analysis of study groups.

**COMMITTEE I - INFECTIOUS DISEASES & HEMATOPOIETIC SYSTEM
COMMITTEE ASSESSMENT MATRIX**

PHASE III						
COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES						
COURSE COMPONENT: COMMITTEE I - INFECTIOUS DISEASES & HEMATOPOIETIC SYSTEM						
QUESTION DISTRIBUTION TABLE						
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
I1-I6, H1-H6	ID	M. Sönmezoğlu	14	6	6	26
I1-I5	MM	A. Eren	7	3	3	13
I7-H7	PC	E. Genç A. C. Andaç E.N. Özdamar	15	4	4	23
I2, H2	PT	A. Sav E.Hacıhasanoğlu	9	4	4	17
I8	BED	E. Vatanoğlu Lutz	9	4	4	17
H1-H6	HEM	H. A. Özkan	8	3	3	14
I3-I4, H3	PH	R. E. Sezer H. A.Taşıkan	6	2	2	10
I5, H5	IMM	G. Y. Demirel	4	2	2	8
I9	MG	A. Ç. Kuşkucu	4	2	2	8
I2-I6, H2-H6	PED	S. Kemahlı P. Saf	4	2	2	8
I2, H2	PP	M. Kaçar	2	1	1	4
H8	PHY	E. Yeşilada	2	1	1	4
I10, H9	BS	Ç. Keleş	2	1	1	4
H5	ONC	B. B. Öven S. Çelik	2	1	1	4
H6-I6	FM	G. İzbirak	1	0	0	1
I5	EM	M. F. Çelikmen	1	0	0	1
TOTAL			90	36	36	162
LEARNING OBJECTIVE	FACULTY DEPARTMENT	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (EMQ)			
1.0 -12.0, H7, H8	IDCM	M. Sönmezoğlu	2	-	-	2
H1 – H7	HEM	H. A. Özkan	2	-	-	2
4.0.,5.0, H2	PT	A. Sav	1	-	-	1
TOTAL			5	-	-	5

CS*= 90 pts (MCQ) + 10 pts (EMQ) = 100 pts; pts:points

*Each MCQ has a value of 1 points; each EMQ question has a value of 2 points.

Abbreviations

MCQ: Multiple Choice Question

EMQ: Extending Matching Question

CE: Committee Exam

CS: Committee Score

FE: Final Exam

ICE: Incomplete Exam

****39** out of 200 FE and ICE MCQs will be from Committee I (Each question is of worth **0.5** pts).

COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM

WEEK I / 13 – 17 Sep 2021

	Monday 13-Sep--2021	Tuesday 14-Sep--2021	Wednesday 15-Sep--2021	Thursday 16-Sep--2021	Friday 17-Sep--2021
09.30- 09.50	Independent Learning	Lecture Hospital Infection M. Sönmezoğlu	Independent Learning	Independent Learning	Lecture β Lactam Antibiotics I E. Genç
10.00- 10.50	Lecture Prevention measures for COVID-19 Pandemia A. Eren	Lecture Febril Neutropenia M. Sönmezoğlu	Independent Learning	Independent Learning	Lecture β Lactam Antibiotics II E. Genç
11.00- 11.50	Independent Learning	Lecture Bacterial and Viral Skin & Soft Tissue Infections M. Sönmezoğlu	Lecture Introduction to Antimicrobial Chemotherapy E. Genç	Independent Learning	Lecture Lymphoreactive Disease E. Hacıhasanoğlu
12.00- 12.50	Introduction to Phase III	Lecture Infections in Immunocompromised Host M. Sönmezoğlu	Lecture Vancomycin & Other Cell Wall Synthesis Inhibitors E. Genç	Independent Learning	Lecture Pathology of Spleen E. Hacıhasanoğlu
12.50 - 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Case Discussion on Immunity to Infection G. Yanıkaya Demirel	Lecture Molecular Basis of Hemoglobinopathies A. Ç. Kuşkucu	Lecture Genetics of Oncology I A.Ç. Kuşkucu	Lecture Public Health and Communicable Diseases-I R.E. Sezer	Lecture Hodgkin's Lymphoma E. Hacıhasanoğlu
15.00- 15.50	Lecture Case Discussion on Immunity to Infection G. Yanıkaya Demirel	Lecture Inherited Immune System Disorders A. Ç. Kuşkucu	Lecture Genetics of Oncology II A.Ç. Kuşkucu	Lecture Public Health and Communicable Diseases-II R.E. Sezer	Independent Learning
16.00- 16.50	Independent Learning	Lecture Non/Hodgkin's Lymphoma I E. Hacıhasanoğlu	Lecture Pathology of Bone Marrow-1 E. Hacıhasanoğlu	Lecture Pathology of Myeloproliferative Diseases I E. Hacıhasanoğlu	Independent Learning
17.00-17.50	Independent Learning	Lecture Non/Hodgkin's Lymphoma II E. Hacıhasanoğlu	Lecture Pathology of Bone Marrow-2 E. Hacıhasanoğlu	Lecture Pathology of Myeloproliferative Diseases II E. Hacıhasanoğlu	Independent Learning

IL: Independent Learning, CSL: Clinical Skills Learning, YH: Yeditepe University Hospital. Student groups for laboratory/practice sessions will be announced by coordinators.

COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM
WEEK II / 20-24 Sep 2021

	Monday 20-Sep--2021	Tuesday 21-Sep--2021	Wednesday 22-Sep--2021	Thursday 23-Sep--2021	Friday 24-Sep--2021
09.00- 09.50	Independent Learning	Lecture Beneficence and Non- Maleficence E. Vatanoğlu Lutz	Lecture Occupational Health Hazards I M. Sönmezoğlu	Independent Learning	Lecture Aminoglycosides E. Genç
10.00- 10.50	Lecture Pathophysiology of Infectious Diseases I M. Kaçar	Lecture Transplantation E. Vatanoğlu Lutz	Lecture Occupational Health Hazards II M. Sönmezoğlu	Independent Learning	Lecture Sulfonamides, Chloramphenicol & Tetracyclines E. Genç
11.00- 11.50	Lecture Pathophysiology of Infectious Diseases II M. Kaçar	Lecture Principles of Autonomy and Informed Consent E. Vatanoğlu Lutz	Lecture Vaccines M. Sönmezoğlu	Independent Learning	Lecture Prevention and Control of Communicable Diseases I R.E. Sezer
12.00- 12.50	Lecture Pathophysiology of Infectious Diseases III M. Kaçar	Lecture Justice in Medicine E. Vatanoğlu Lutz	Lecture Antimycobacterial Drugs A.C. Andaç	Independent Learning	Lecture Prevention and Control of Communicable Diseases II R.E. Sezer
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Zoonotic Diseases I M. Sönmezoğlu	Lecture Phytotherapy I E. Yeşilada	Lecture Lenforeticular Infections I M. Sönmezoğlu	Lecture Transplantation Immunology G. Yanıkkaya Demirel	Lecture Pathology of Mycobacterial Infections A. Sav
15.00- 15.50	Lecture Zoonotic Diseases II M. Sönmezoğlu	Lecture Phytotherapy II E. Yeşilada	Lecture Lenforeticular Infections II M. Sönmezoğlu	Lecture Transplantation Immunology G. Yanıkkaya Demirel	Independent Learning
16.00- 16.50	Lecture Fungal and Parasitic Skin and Soft Tissue Infections M. Sönmezoğlu	Lecture Phytotherapy III E. Yeşilada	Lecture Tuberculosis & Other Mycobacterial Infections I M. Sönmezoğlu	Lecture Blood Components and Transfusion Indications M. Sönmezoğlu	Independent Learning
17.00-17.50	Independent Learning	Independent Learning	Lecture Tuberculosis & Other Mycobacterial Infections II M. Sönmezoğlu	Lecture Blood Groups M. Sönmezoğlu	Independent Learning

COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM
WEEK III / 27 Sep-1 Oct 2021

	Monday 27-Sep--2021	Tuesday 28-Sep--2021	Wednesday 29-Sep--2021	Thursday 30-Sep--2021	Friday 1-Oct--2021												
09.00- 09.50	Case Discussions Pathology Tissue Response to Infections <i>A. Sav</i>	ICP (Ear-Nose-Throat Examination) <i>Z. Alkan / D. Tansuker</i>	Independent Learning	Independent Learning	Independent Learning												
10.00- 10.50	Case Discussions General Review of Pathology of Infections Disease <i>A. Sav</i>	<table border="1"> <tr> <td align="center">Group A IL</td> <td align="center">Group B IL</td> <td align="center">Group C Small Group Study SRPC</td> <td align="center">Group D ICP</td> </tr> </table>	Group A IL	Group B IL	Group C Small Group Study SRPC	Group D ICP	Independent Learning	ICP (Ear-Nose-Throat Examination) <i>Z. Alkan / D. Tansuker</i>	ICP (Ear-Nose-Throat Examination) <i>Z. Alkan / D. Tansuker</i>								
Group A IL	Group B IL		Group C Small Group Study SRPC	Group D ICP													
11.00- 11.50	Microbiology Laboratory (Diagnostic Tests of Respiratory Specimens) <i>Microbiology Instructors</i>	<table border="1"> <tr> <td align="center">Group A IL</td> <td align="center">Group B IL</td> <td align="center">Group D IL</td> <td align="center">Group C IL</td> </tr> </table>	Group A IL	Group B IL	Group D IL	Group C IL	Independent Learning	<table border="1"> <tr> <td align="center">Group A ICP</td> <td align="center">Group B Small Group Study SRPC</td> <td align="center">Group C IL</td> <td align="center">Group D IL</td> </tr> </table>	Group A ICP	Group B Small Group Study SRPC	Group C IL	Group D IL	<table border="1"> <tr> <td align="center">Group A Small Group Study SRPC</td> <td align="center">Group B ICP</td> <td align="center">Group C IL</td> <td align="center">Group D IL</td> </tr> </table>	Group A Small Group Study SRPC	Group B ICP	Group C IL	Group D IL
Group A IL	Group B IL		Group D IL	Group C IL													
Group A ICP	Group B Small Group Study SRPC	Group C IL	Group D IL														
Group A Small Group Study SRPC	Group B ICP	Group C IL	Group D IL														
12.00- 12.50	Group A IL	Group B IL	Group D IL	Group C IL	Independent Learning	Lecture Emergency Evaluation of Sepsis and Septic Shock <i>M. F. Çelikmen</i>											
12.50- 14.00	LUNCH BREAK																
14.00- 14.50	ICP (Ear-Nose-Throat Examination) <i>Z. Alkan / S. Özdemir</i>	Lecture Antiprotozoal Drugs <i>E. N. Özdamar</i>	Lecture Planning Medical Studies I <i>Ç. Keleş</i>	Lecture Antianemic Drugs <i>A. C. Andaç</i>	Independent Learning												
15.00- 15.50	<table border="1"> <tr> <td align="center">Group A IL</td> <td align="center">Group B IL</td> <td align="center">Group C ICP</td> <td align="center">Group D Small Group Study SRPC</td> </tr> </table>	Group A IL	Group B IL	Group C ICP	Group D Small Group Study SRPC	Lecture Immunomodulators <i>A. C. Andaç</i>	Lecture Planning Medical Studies II <i>Ç. Keleş</i>	Lecture Anthelmintic Drugs <i>E. Genç</i>	Independent Learning								
Group A IL		Group B IL	Group C ICP	Group D Small Group Study SRPC													
16.00- 16.50	Lecture Approach to the Pediatric Patient with Fever <i>P. Saf</i>	Lecture Research Design <i>Ç. Keleş</i>	Lecture Pathology of Viral Infections I <i>A. Sav</i>	Independent Learning													
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Lecture Pathology of Viral Infections II <i>A. Sav</i>	Independent Learning												

**COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM
WEEK IV / 4-8 Oct 2021**

	Monday 4-Oct--2021	Tuesday 5-Oct--2021	Wednesday 6-Oct--2021	Thursday 7-Oct--2021	Friday 8-Oct--2021						
09.00- 09.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Lecture Transhumanisms and Ethics <i>E. Vatanoğlu Lutz</i>						
10.00- 10.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Lecture Ethics of the Future/Future of Ethics <i>E. Vatanoğlu Lutz</i>						
11.00- 11.50	Lecture Antimicrobial Agents: Basic Concepts & Principles I <i>Lecturer</i>	Lecture Antimicrobial Agents: Mechanisms of Resistance I <i>Lecturer</i>	Lecture Laboratory Diagnosis of Infectious Diseases I <i>Lecturer</i>	Independent Learning	Lecture Bioethics <i>E. Vatanoğlu Lutz</i>						
12.00- 12.50	Lecture Antimicrobial Agents: Basic Concepts & Principles II <i>Lecturer</i>	Lecture Antimicrobial Agents: Mechanisms of Resistance II <i>Lecturer</i>	Lecture Laboratory Diagnosis of Infectious Diseases II <i>Lecturer</i>	Independent Learning	Lecture Responsible Biomedical Research <i>E. Vatanoğlu Lutz</i>						
12.50 – 14.00	LUNCH BREAK										
14.00- 14.50	Lecture Introduction to Anemias in Childhood <i>S. Kemahli</i>	Microbiology Laboratory (Antibacterial Susceptibility Testing) <i>Microbiology Instructors</i>		Lecture Laboratory Diagnosis of Infectious Diseases III <i>Lecturer</i>	Lecture Introduction to the Course <i>E. Vatanoğlu Lutz</i>	Microbiology Laboratory (Antibacterial Susceptibility Testing) <i>Microbiology Instructors</i>					
15.00- 15.50	Lecture Introduction to Hemolytic Anemias, Thalassemias and Hemoglobinopathies (Sickle Cell Anemia and Others) <i>S. Kemahli</i>	Group A	Grup B IL	Group C IL	Group D IL	Lecture Laboratory Diagnosis of Infectious Diseases IV <i>Lecturer</i>	Lecture Ethics of Publication <i>E. Vatanoğlu Lutz</i>	Group A IL	Grup B IL	Group C	Group D IL
16.00- 16.50	Lecture Hemophilia and other Coagulopathies in Childhood <i>S. Kemahli</i>	Group A IL	Grup B	Group C IL	Group D	Lecture Laboratory Diagnosis of Infectious Diseases V <i>Lecturer</i>	Lecture Physician-Patient Relationship <i>E. Vatanoğlu Lutz</i>				
17.00-17.50	Independent Learning	Independent Learning	Lecture Laboratory Diagnosis of Infectious Diseases VI <i>Lecturer</i>	Lecture Confidentiality and Truthfulness <i>E. Vatanoğlu Lutz</i>	Independent Learning						

**COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM
WEEK V / 11-15 Oct 2021**

	Monday 11-Oct--2021	Tuesday 12-Oct--2021	Wednesday 13-Oct--2021	Thursday 14-Oct--2021	Friday 15-Oct--2021
09.00- 09.50	Lecture Quantitative and Qualitative Platelet Disorders <i>A. Özkan</i>	Lecture Myeloproliferative Diseases <i>A. Özkan</i>	Lecture Plasma Cell Dyscrasias <i>A. Özkan</i>	Independent Learning	Lecture Semiology-I <i>M. Sönmezoğlu</i>
10.00- 10.50	Lecture Approach to the Patient with Anemia and Laboratory Tests in Diagnosis with Anemia <i>A. Özkan</i>	Lecture Chronic Leukemia <i>A. Özkan</i>	Lecture Hypercoagulability <i>A. Özkan</i>	Independent Learning	Lecture Semiology-II <i>M. Sönmezoğlu</i>
11.00- 11.50	Lecture Lymphoma <i>A. Özkan</i>	Lecture Aplastic and Hypoplastic Anemias <i>A. Özkan</i>	Lecture Immune Acquired Hemolytic Anemias / Non-Immune Acquired Hemolytic Anemias <i>A. Özkan</i>	Independent Learning	Lecture Parasitic Infections I <i>M. Sönmezoğlu</i>
12.00- 12.50	Lecture Acute Leukemias <i>A. Özkan</i>	Lecture Nutritional Anemias <i>A. Özkan</i>	Lecture Introduction to the Program of Family Medicine <i>G. İzbirak</i>	Independent Learning	Lecture Parasitic Infections II <i>M. Sönmezoğlu</i>
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Lecture Pathophysiology of Hematopoietic System Disorders I <i>M. Kaçar</i>	Lecture Immunodeficiencies <i>G. Yanıkkaya Demirel</i>	Lecture Introduction to Clinical Oncology I <i>B. B. Öven</i>	Lecture How to Write a Project Report? <i>B. Yılmaz / H. Taşyikan</i>
15.00- 15.50	Microbiology Laboratory (Diagnostic tests of respiratory specimens) <i>Microbiology Instructors</i>	Lecture Pathophysiology of Hematopoietic System Disorders II <i>M. Kaçar</i>	Lecture Immunodeficiencies <i>G. Yanıkkaya Demirel</i>	Lecture Introduction to Clinical Oncology II <i>B. B. Öven</i>	Lecture Scientific Career and Preparation of CV <i>B. Yılmaz / H. Taşyikan</i>
16.00- 16.50	Group A	Lecture Pathophysiology of Hematopoietic System Disorders III <i>M. Kaçar</i>	Lecture Introduction to Clinical Genetics <i>A. Ç. Kuşkuçcu</i>	Lecture Treatment Approaches of Cancer <i>S. Çelik</i>	Independent Learning
17.00-17.50	Group A II	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM
WEEK VI / 18-22 Oct 2021**

	Monday 18-Oct--2021	Tuesday 19-Oct--2021	Wednesday 20-Oct--2021	Thursday 21-Oct--2021	Friday 22-Oct--2021
09.00- 09.50	Lecture Antimalarial Drugs E. N. Özdamar	Lecture Macrolides E. N. Özdamar	Lecture Pharmacological Basis of Cancer Therapy I A. C. Andaç	Independent Learning	Independent Learning
10.00- 10.50	Lecture Quinolones E. N. Özdamar	Lecture Antiviral Drugs E. N. Özdamar	Lecture Pharmacological Basis of Cancer Therapy II A. C. Andaç	Independent Learning	Independent Learning
11.00- 11.50	Lecture Investigation of a Disease Epidemic I H.A.Taşyikan	Lecture Antifungal Drugs E. N. Özdamar	Multidisciplinary Case Discussion Panel	Independent Learning	Independent Learning
12.00- 12.50	Lecture Investigation of a Disease Epidemic II H.A.Taşyikan	Lecture Antiseptics and Disinfectants E. N. Özdamar	Multidisciplinary Case Discussion Panel	Independent Learning	Independent Learning
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Epidemiology of Communicable Diseases I H.A.Taşyikan	Lecture Hematostatic Drugs and Hematostatic Blood Products I A. C. Andaç	Independent Learning	Independent Learning	Independent Learning
15.00- 15.50	Lecture Epidemiology of Communicable Diseases II H.A.Taşyikan	Lecture Hematostatic Drugs and Hematostatic Blood Products II A. C. Andaç	Independent Learning	Independent Learning	Independent Learning
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM
WEEK VII / 25-29 Oct 2021**

	Monday 25-Oct-2021	Tuesday 26-Oct-2021	Wednesday 27-Oct-2021	Thursday 28-Oct-2021	Friday 29-Oct-2021
09.00- 09.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	NATIONAL HOLIDAY
10.00- 10.50					
11.00- 11.50					
12.00- 12.50					
13.00 – 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Independent Learning	COMMITTEE EXAM	NATIONAL HOLIDAY	NATIONAL HOLIDAY
15.00- 15.50					
16.00- 16.50			Program Evaluation Session Committee I Coordination Committee Members		
17.00-17.50					

COMMITTEE II - CARDIOVASCULAR & RESPIRATORY SYSTEMS

DISTRIBUTION of LECTURE HOURS
November 1, 2021 – December 17, 2021
COMMITTEE DURATION: 7 WEEKS

MED 302	INTRODUCTION to CLINICAL SCIENCES	ABB.	THEO.	PRAC.	LAB/CSL	DISCUSSION	TOTAL
DI SC IP LI NE	PHARMACOLOGY	PC	25				25
	PATHOLOGY	PT	24	1x3=3 (2 Groups)			27
	CHEST MEDICINE	CHM	18				18
	CARDIOLOGY	CRD	14				14
	PUBLIC HEALTH	PH	8				8
	PATHOPHYSIOLOGY	PP	7				7
	INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY	IDCM	5				5
	BIOMEDICAL ETHICS & DEONTOLOGY	BED	4				4
	ENT DISEASES	ENT	4				4
	BIOSTATISTICS	BS	3				3
	THORACIC SURGERY	TS	3				3
	FAMILY MEDICINE	FM	4				4
	PEDIATRICS	PED	2				2
	MEDICAL GENETICS	MG	2				2
	EMERGENCY MEDICINE	EM	2				2
	IMMUNOLOGY	IMM	2				2
	RADIOLOGY	RAD	1				1
	INTERDISCIPLINARY	MCD P					2
TOTAL			128	3		2	133
OTHER COURSES							
	SCIENTIFIC RESEARCH and PROJECT COURSE-III	SRP C				2x2=4 (4 Groups)	4
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III			2x3=6 (4 Groups)		6
TOTAL			128	3	6	6	143
INDEPENDENT LEARNING							98

Coordination Committee

HEAD	Ferda Özkan, MD, Prof.
SECRETARY	Banu Musaffa Salepçi, Assoc. Prof.
MEMBER	Müzeyyen Doğan, MD, Assoc. Prof.
MEMBER	Mustafa Aytek Şimşek, MD, Assist. Prof.
MEMBER	Emine Nur Özdamar, MD, Assist. Prof.

**COMMITTEE II - CARDIOVASCULAR & RESPIRATORY SYSTEMS
LECTURERS**

MED 302 INTRODUCTION to CLINICAL SCIENCES	
DISCIPLINE	LECTURERS
PHARMACOLOGY	Ece Genç, PhD, Prof. Emine Nur Özdamar, MD, Assist. Prof. Ahmet Cenk Andaç, Assist. Prof.
PATHOLOGY	Aydın Sav, MD, Prof. Ferda Özkan, MD, Prof. Ezgi Hacıhasanoğlu, MD, Assist. Prof.
CHEST MEDICINE	Banu Musaffa Salepçi, MD, Prof. Seha Akduman, MD, Assist. Prof.
CARDIOLOGY	Muzaffer Değertekin, MD, Prof. Olçay Özveren, MD, Assoc. Prof. Mustafa Aytek Şimşek, MD, Assist. Prof. Erdal Durmuş, MD Çiğdem Koca, MD Ferit Onur Mutluer, MD
PUBLIC HEALTH	Recep Erol Sezer, MD, Prof. Hale Arık Taşyikan, MD, Assist. Prof. Ebru Çayır, MD, Assist. Prof.
BIOMEDICAL ETHICS & DEONTOLOGY	Elif Vatanoğlu Lutz, MD, Assoc. Prof.
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, Prof.
INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY	Meral Sönmezoğlu, MD, Prof.
EAR- NOSE -THROAT (ENT)	Hasan Deniz Tansuker, MD, Assoc. Prof.
THORACIC SURGERY	Sina Ercan, MD, Prof.
FAMILY MEDICINE	Güldal İzbirak, MD, Assoc.Prof. Özlem Tanrıöver, MD, Prof.
PEDIATRICS	Perihan Çobanoğlu Saf, MD, Assoc. Prof. Fatma Tuba Coşkun, MD
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, MD, Asst. Prof.
RADIOLOGY	Filiz Çelebi, MD.
EMERGENCY MEDICINE	Mustafa Yazıcıoğlu, MD, Assist. Prof.
BIOSTATISTICS	Çiğdem Keleş, PhD, Assist. Prof
IMMUNOLOGY	Gülderen Yanıkkaya Demirel, MD, Phd, Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT COURSE-III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Tuğhan Utku, MD, Assoc. Prof. Nurcan Kızılıcık, MD, Assoc. Prof. Banu Musaffa Salepçi, MD, Assoc. Prof. Olçay Özveren, MD, Assoc. Prof. Mustafa Aytek Şimşek, MD, Assist. Prof. Seha Akduman, MD, Assist. Prof. Çiğdem Koca, MD Erdal Durmuş, MD,

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS

AIMS and LEARNING OBJECTIVES

AIMS

The aim of this committee is to convey fundamental knowledge on the prevention measures, etiology, pathophysiology, clinical symptoms and signs, differential diagnosis and pharmacology of drugs used in cardiovascular and respiratory clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency. In addition to cardiovascular and respiratory clinical conditions, this committee aims to convey necessary knowledge on ethical problems, biostatistical knowledge required in the design of medical research and to convey necessary knowledge on genetic basis of clinical conditions, immune response and phytotherapy.

LEARNING OBJECTIVES OF CARDIOVASCULAR SYSTEM

In evidence based manner, and related to conditions which are frequent in community and/or pose high risk for individual or community health, and/or life threatening or constitute an emergency related to cardiovascular system, at the primary health care level; at the end of this committee, the student should be able to:

- C1. to recall knowledge on histology and physiology of cardiovascular system,
- C2. to define etiopathogenesis of clinical conditions related to cardiovascular system,
- C3. to explain epidemiology of clinical conditions related to cardiovascular system,
- C4. to explain prevention of clinical conditions, and protection or improvement of health against those clinical conditions related to cardiovascular system,
- C5. to explain mechanisms of occurrence for frequently encountered clinical complaints, symptoms, signs and findings in clinical conditions related to cardiovascular system,
- C6. to explain together with performance measures on health care processes, clinical decision making process, clinical decisions and clinical practices required for managing clinical conditions related to cardiovascular system,
- C7. to convey knowledge on pharmacology of drugs that are effective on cardiovascular system or on clinical conditions involving cardiovascular system,
- C8. to define ethical problems encountered in health care service and utilization, and on principles of solutions,
- C9. to convey necessary knowledge on genetical basis of clinical conditions,
- C10. to explain principles of biostatistical analysis

LEARNING OBJECTIVES OF RESPIRATORY SYSTEM

In evidence based manner, and related to conditions which are frequent in community and/or pose high risk for individual or community health, and/or life threatening or constitute an emergency related to respiratory system, at the primary health care level; at the end of this committee, the student should be able to:

- R1. to recall knowledge on histology and physiology of respiratory system,
- R2. to define etiopathogenesis of clinical conditions related to respiratory system,
- R3. to explain epidemiology of clinical conditions related to respiratory system,
- R4. to explain prevention of clinical conditions, and protection or improvement of health against those clinical conditions related to respiratory system,
- R5. to explain mechanisms of occurrence for frequently encountered clinical complaints, symptoms, signs and findings in clinical conditions related to respiratory system,
- R6. to explain together with performance measures on health care processes, clinical decision making process, clinical decisions and clinical practices required for managing clinical conditions related to respiratory system,

R7. to convey knowledge on pharmacology of drugs that are effective on respiratory system, or on clinical conditions involving respiratory system,

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS COMMITTEE ASSESSMENT MATRIX

PHASE III						
COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES						
COURSE COMPONENT: COMMITTEE II - CARDIOVASCULAR & RESPIRATORY SYSTEMS						
QUESTION DISTRIBUTION TABLE						
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
C7,R7	PC	E. Genç	17	8	8	33
		E. N. Özdamar				
		A. C. Andaç				
C2,R2	PT	F. Özkan	17	7	7	31
		A. Sav				
R1-R6	CHM	B. Salepçi	12	6	6	24
		S. Akduman				
C1-C6	CRD	M. Değertekin	11	4	4	19
		O. Özveren				
		F.O. Mutluer				
		E. Durmuş				
		Ç. Koca				
C3,C4, R3	PH	M.A. Şimşek	6	2	2	10
		R.E. Sezer				
C2, R2	PP	H.A. Taşyikan	5	2	2	9
C1-C6, R1-R6	IDCM	M. Kaçar	3	2	2	7
C8	BED	M. Sönmezoğlu	3	1	1	5
R5	ENT	E. Vatanoğlu Lutz	3	1	1	5
C10	BS	H. D. Tansuker	2	1	1	4
R2, R5	TS	Ç. Keleş	2	1	1	4
C6, R6	FM	S. Ercan	2	1	1	4
		G. Izbirak				
C5, R5	PED	Ö. Tanrıöver	2	1	1	4
		P. Saf				
C9	MG	T. Coşkun	2	1	1	4
C5	EM	A.Ç. Kuşkucu	1	1	1	3
		H. Candemir				
C5, R5	IMM	M. Yazıcıoğlu	1	1	1	3
R5	RAD	G.Y. Demirel	1	0	0	1
TOTAL			90	40	40	170
LEARNING OBJECTIVE	FACULTY DEPARTMENT	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
R1-6	CHM	B. Salepçi	1	-	-	1
C2, R2	PT	F. Özkan	2	-	-	2
C1-6	CRD	M. Değertekin	2	-	-	2
TOTAL			5	-	-	5

CS* = 90 pts (MCQ) + 10 pts (EMQ) = 100 pts; pts: points

*Each MCQ has a value of 1 points; each EMQ question has a value of 2 points.

Abbreviations

MCQ: Multiple Choice Question

EMQ: Extending Matching Question

CE: Committee Exam

CS: Committee Score

FE: Final Exam

ICE: Incomplete Exam

****41** out of 200 FE and ICE MCQs will be from Committee II (Each question is worth **0.5** pts).

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK I / 1 - 5 Nov 2021

	Monday 1-Nov-2021	Tuesday 2-Nov-2021	Wednesday 3-Nov-2021	Thursday 4-Nov-2021	Friday 5-Nov-2021			
09.00- 09.50	Independent Learning	Lecture General Signs and Principal Symptoms in Cardiovascular System Diseases E. Dumuş-O. Özveren	Coronary Artery Disease I M. Değertekin	ICP-CSL (Advanced Cardiac Life Support) T. Utku / N. Kızılıçık	Independent Learning			
10.00- 10.50	Lecture Hypertension Treatment Guidelines E. N. Özdamar	Lecture Examination of the Heart E. Dumuş-O. Özveren	Lecture Coronary Artery Disease II M. Değertekin	Group A Small Group Study SRPC	Group B ICP	Group C IL	Group D IL	Independent Learning
11.00- 11.50	Lecture Anti-hypertensive Drugs I E. N. Özdamar	Lecture Hypertension M. A. Şimşek	Lecture Acetylcholinesterase Inhibitors E. Genç					Independent Learning
12.00- 12.50	Lecture Anti-hypertensive Drugs II E. N. Özdamar	Lecture Pericardial Diseases M. A. Şimşek	Lecture Acetylcholine and Directly Acting Parasympathomimetic Drugs E. Genç	Independent Learning	Independent Learning			
12.50 - 14.00	LUNCH BREAK							
14.00- 14.50	Lecture Pharmacology of ReninAngiotensin System E. N. Özdamar	Lecture Pathophysiology of Cardiovascular System Disorders I M. Kaçar	Independent Learning	Lecture Parasympatholytic Drugs E. Genç	ICP-CSL (Advanced Cardiac Life Support) T. Utku / N. Kızılıçık			
15.00- 15.50	Lecture Pharmacology Case Studies E. N. Özdamar	Lecture Pathophysiology of Cardiovascular System Disorders II M. Kaçar	Independent Learning	Lecture Sympathomimetic Drugs: Catecholamines & Noncatecholamines E. Genç	Group A ICP	Group B Small Group Study SRPC	Group C IL	Group D IL
16.00- 16.50	Independent Learning	Lecture Pathophysiology of Cardiovascular System Disorders III M. Kaçar	Independent Learning	Independent Learning				
17.00-17.50	Independent Learning	Lecture Introduction to Autonomic System Pharmacology E. Genç	Independent Learning	Independent Learning	Independent Learning			

IL: Independent Learning, CSL: Clinical Skills Learning, YH: Yeditepe University Hospital. Student groups for laboratory/practice sessions will be announced by coordinators.

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK II / 8-12 Nov 201

	Monday 8-Nov-2021	Tuesday 9-Nov-2021	Wednesday 10-Nov-2021	Thursday 11-Nov-2021	Friday 12-Nov-2021
09.00- 09.50	Lecture Myocardium E. Hacıhasanoğlu	Lecture Congestive Heart Failure I Ç. Koca-M.A.Şimşek	Commemoration of Atatürk	Lecture Rheumatic Heart Disease A. Sav	Lecture Pathophysiology of Respiratory System Disorders I M. Kaçar
10.00- 10.50	Lecture Ischemic Heart Disease I E. Hacıhasanoğlu	Lecture Congestive Heart Failure II Ç. Koca-M.A.Şimşek		Lecture CVS Tumors A. Sav	Lecture Pathophysiology of Respiratory System Disorders II M. Kaçar
11.00- 11.50	Lecture Ischemic Heart Disease II E. Hacıhasanoğlu	Lecture Grown-up Congenital Heart Disease Ç. Koca-M.A.Şimşek		Lecture Hypersensitivity reactions G. Yanıkkaya Demirel	Lecture Pathophysiology of Respiratory System Disorders III M. Kaçar
12.00- 12.50	Lecture Congenital Heart Disease in Pediatrics T. Çoşkun	Lecture Adrenergic Receptor Blockers E. Genç		Lecture Hypersensitivity reactions G. Yanıkkaya Demirel	Lecture Pathophysiology of Respiratory System Disorders IV M. Kaçar
12.50 - 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Pathology of Endocardium & Heart Valves I A. Sav	Lecture History and Symptoms in Pulmonary Diseases S. Akduman	Commemoration of Atatürk	Lecture Diagnostic Methods in Pulmonary Medicine S. Akduman	Lecture Electrocardiography I F. O. Mutluer- T.Aksu
15.00- 15.50	Lecture Pathology of Endocardium & Heart Valves II A. Sav	Lecture Physical Examination and Signs in Pulmonary Diseases S. Akduman		Lecture Clinical Application of Pulmonary Function Tests S. Akduman	Lecture Electrocardiography II F.O. Mutluer- T.Aksu
16.00- 16.50	Lecture Valvular Heart Diseases E. Durmuş-O. Özveren	Lecture Chronic Obstructive Pulmonary Disease S. Akduman		Lecture Bronchial Hyperreactivity and Asthma S. Akduman	Lecture Cardiac Arrhythmias F.O. Mutluer- T.Aksu
17.00-17.50	Lecture Infective Endocarditis and Acute Rheumatic Fever E. Durmuş-O. Özveren	Independent Learning		Lecture Adrenergic Neuron Blockers E. Genç	Independent Learning

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK III / 15-19 Nov 2021

	Monday 15-Nov-2021	Tuesday 16-Nov-2021	Wednesday 17-Nov-2021	Thursday 18-Nov-2021	Friday 19-Nov-2021			
09.00- 09.50	Lecture Tracheobronchitis B. Salepçi	Lecture Pulmonary Tuberculosis B. Salepçi	Lecture Pulmonary Infections I E. Hacıhasanoğlu	Independent Learning	ICP-CSL (Advanced Cardiac Life Support) T. Utku / N. Kızılcık			
10.00- 10.50	Lecture Pneumoniae B. Salepçi	Lecture Pulmonary Embolism B. Salepçi	Lecture Pulmonary Infections II E. Hacıhasanoğlu	Independent Learning	Group A IL	Group B IL	Group C ICP	Group D Small Group Study SRPC
11.00- 11.50	Lecture Atherosclerosis & Hypertension I A. Sav	Lecture Special Pulmonary Problems B. Salepçi	Lecture Diseases of the Nose and Paranasal Sinuses H. D. Tansuker	Lecture Drugs Used in Cardiac Arrhythmias I A. C. Andaç				
12.00- 12.50	Lecture Atherosclerosis & Hypertension II A. Sav	Lecture Emergency Evaluation of Dyspnea H. Candemir	Lecture Nasopharyngeal and Oropharyngeal Diseases H. D. Tansuker	Lecture Drugs Used in Cardiac Arrhythmias II A. C. Andaç	Independent Learning			
12.50 – 14.00	LUNCH BREAK							
14.00- 14.50	Lecture Congestive Heart Failure F. Özkan	Lecture Pulmonary Hypertension B. Salepçi	Lecture Chronic Obstructive Pulmonary Diseases F. Özkan	Lecture Laryngeal and Voice Diseases H. D. Tansuker	ICP-CSL (Advanced Cardiac Life Support) T. Utku / N. Kızılcık			
15.00- 15.50	Lecture Congestive Heart Failure & Pericardium F. Özkan	Lecture Respiratory Failure B. Salepçi	Lecture Asthma Bronchiale F. Özkan	Lecture Diseases of the Middle Ear and Eustachian Tube H. D. Tansuker	Group A IL	Group B IL	Group C Small Group Study SRPC	Group D ICP
16.00- 16.50	Independent Learning	Independent Learning	Lecture Congenital Lung Anomalies & Atelectasis F. Özkan	Independent Learning				
17.00-17.50	Independent Learning	Independent Learning	Lecture Pathology of Upper Respiratory Tract F. Özkan	Independent Learning	Independent Learning			

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK IV / 22-26 Nov 2021

	Monday 22-Nov-2021	Tuesday 23-Nov-2021	Wednesday 24-Nov-2021	Thursday 25-Nov-2021	Friday 26-Nov-2021				
09.00- 09.50	Independent Learning	Independent Learning	Lecture Tumors of the Respiratory System I <i>A. Sav</i>	Independent Learning	Independent Learning				
10.00- 10.50	Independent Learning	Independent Learning	Lecture Tumors of the Respiratory System II <i>A. Sav</i>	Lecture Diuretic Agents I <i>A.C. Andaç</i>	Lecture Approach to Patient with Chest Pain in Primary Care I <i>G. İzbirak</i>				
11.00- 11.50	Independent Learning	Independent Learning	Lecture Drugs Used in the Treatment of Dyslipidemias I <i>E. N. Özdamar</i>	Lecture Diuretic Agents II <i>A.C. Andaç</i>	Lecture Approach to Patient with Chest Pain in Primary Care II <i>G. İzbirak</i>				
12.00- 12.50	Independent Learning	Independent Learning	Lecture Drugs Used in the Treatment of Dyslipidemias II <i>E. N. Özdamar</i>	Lecture Pathology of Pleural and Mediastinal Diseases <i>A. Sav</i>	Independent Learning				
12.50 – 14.00	LUNCH BREAK								
14.00- 14.50	ICP-CSL (Examination of Cardiovascular and Respiratory System) <i>O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş</i>		ICP-CSL (Examination of Cardiovascular and Respiratory System) <i>O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş</i>		Lecture Approach to the Patient with Cough and Heameoptysis in Primary Care <i>Ö. Tanrıöver</i>	Lecture Tobacco Control and Chronic Non-Communicable Diseases I <i>R.E. Sezer</i>	Pathology Laboratory (Cardiovascular and Respiratory Systems) <i>F. Özkan / A. Sav</i>	Group B	Group A IL
15.00- 15.50	Group C ICP	Group D Small Group Study SRP C	Group A IL	Group B IL	Lecture Approach to the Patient with Dyspnea in Primary Care <i>Ö. Tanrıöver</i>	Lecture Tobacco Control and Chronic Non-Communicable Diseases II <i>R.E. Sezer</i>			
16.00- 16.50					Lecture Pediatric Advanced Life Support <i>M. Yazıcıoğlu</i>	Lecture Tobacco Control and Chronic Non-Communicable Diseases III <i>R.E. Sezer</i>			
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning				

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK V / 29 Nov-3 Dec 2021

	Monday 29-Nov-2021	Tuesday 30-Nov-2021	Wednesday 1-Dec-2021				Thursday 2-Dec-2021	Friday 3-Dec-2021		
09.00- 09.50	Independent Learning	Lecture Bloodstream Invasion & Sepsis I M. Sönmezoğlu	ICP-CSL (Examination of Cardiovascular and Respiratory System) O.Özveren/ A.Şimşek/ Ç.Koca/ B.Salepçi /S.Akduman/E.Durmuş				Independent Learning	Lecture Principals of Statistical Analysis I Ç. Keleş		
10.00- 10.50	Lecture Respiratory Muscles and Surgical Anatomy of Thorax S. Ercan	Lecture Bloodstream Invasion & Sepsis II M. Sönmezoğlu	Group C IL	Group D IL	Group B ICP	Group A Sma II Group Study SRPC	Independent Learning	Lecture Principals of Statistical Analysis II Ç. Keleş		
11.00- 11.50	Lecture Surgical Disorders of Mediastinum and the Diaphragm S. Ercan	Lecture Cardiac Infections M. Sönmezoğlu					Independent Learning	Lecture Preparing to Analyse Data Ç. Keleş		
12.00- 12.50	Lecture Surgical Treatment of Pulmonary Diseases S. Ercan	Lecture Anticoagulant, Antiplatelet & Thrombolytic drugs E. N. Özdamar	Independent Learning				Independent Learning	Independent Learning		
12.50- 14.00	LUNCH BREAK									
14.00- 14.50	Independent Learning	Lecture Treatment of Cough & Drugs Used in the Treatment of Common Cold E. N. Özdamar	Lecture Pharmacology and Toxicology of Tobacco A.C Andaç				Independent Learning	ICP-CSL (Examination of Cardiovascular and Respiratory System) O. Özveren/ A. Şimşek/ Ç. Koca/ B.Salepçi / S.Akduman / E.Durmuş		
15.00- 15.50	Independent Learning	Lecture Drugs Used in Congestive Heart Disease I A.C Andaç	Lecture Drugs Used in the Treatment of Asthma & Chronic Obstructive Lung Disease A.C Andaç				Group C IL	Group D IL	Group B Small Group Study SRPC	Group A ILCP
16.00- 16.50	Independent Learning	Lecture Drugs Used in Congestive Heart Disease II A.C Andaç	Lecture Tobacco Control and Chronic Non-Communicable Diseases IV R.E. Sezer							
17.00-17.50	Independent Learning	Lecture Drugs Used in the Treatment of Angina Pectoris A.C. Andaç	Lecture Epidemiology, Prevention and Control of Chronic Non-Communicable Respiratory Diseases R. E. Sezer				Independent Learning	Independent Learning		

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK VI / 6-10 Dec 2021

	Monday 6-Dec-2021	Tuesday 7-Dec-2021	Wednesday 8-Dec-2021	Thursday 9-Dec-2021	Friday 10-Dec-2021
09.00- 09.50	Lecture Bronchiectasis S. Akduman	Lecture Upper and Lower Respiratory System Infections I M. Sönmezoğlu	Lecture Interstitial Lung Diseases B. Salepçi	Lecture Approach to the Pediatric Patient with Pneumonia P. Saf	Independent Learning
10.00- 10.50	Lecture Lung Cancer S. Akduman	Lecture Upper and Lower Respiratory System Infections II M. Sönmezoğlu	Lecture Sleep Apnea Syndrome B. Salepçi	Lecture Epidemiology and Prevention of Cardiovascular Diseases I H.A.Taşyikan	Independent Learning
11.00- 11.50	Lecture Pleural Diseases S. Akduman	Lecture Inherited Respiratory System Disorders A. Ç. Kuşkucu	Multidisciplinary Case Discussion Panel	Lecture Epidemiology and Prevention of Cardiovascular Diseases II H.A.Taşyikan	Independent Learning
12.00- 12.50	Lecture X-Ray Examination of the Lungs F. Çelebi	Lecture Inherited Cardiovascular Disorders A.Ç. Kuşkucu	Multidisciplinary Case Discussion Panel	Lecture Public Health and Chronic Non-Communicable Diseases H.A. Taşyikan	Independent Learning
12.50- 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Lecture Ethical Issues at the Beginning of Life E. Vatanoğlu Lutz	Lecture Chronic Restrictive Pulmonary Diseases I A. Sav	Independent Learning	Independent Learning
15.00- 15.50	Independent Learning	Lecture Ethical Issues in Paediatrics E. Vatanoğlu Lutz	Chronic Restrictive Pulmonary Diseases II A. Sav	Independent Learning	Independent Learning
16.00- 16.50	INTRODUCTION TO ELECTIVE COURSES (ONLINE)	Lecture Ethics in Intensive Care E. Vatanoğlu Lutz	Lecture Congenital Heart Disease I A. Sav	Independent Learning	Independent Learning
17.00-17.50	INTRODUCTION TO ELECTIVE COURSES (ONLINE)	Lecture Ethics in Psychiatry E. Vatanoğlu Lutz	Lecture Congenital Heart Disease II A. Sav	Independent Learning	Independent Learning

**COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK VII / 13-17 Dec 2021**

	Monday 13-Dec-2021	Tuesday 14-Dec-2021	Wednesday 15-Dec-2021	Thursday 16-Dec-2021	Friday 17-Dec-2021
09.00- 09.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
10.00- 10.50					
11.00- 11.50					
12.00- 12.50					
13.00- 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	COMMITTEE EXAM
15.00- 15.50					
16.00- 16.50					
17.00-17.50					Program Evaluation Session Committee II Coordination Committee Members

COMMITTEE III - GASTROINTESTINAL SYSTEM
DISTRIBUTION of LECTURE HOURS
December 20, 2021 – January 14, 2022
COMMITTEE DURATION: 4 WEEKS

MED 302	INTRODUCTION to CLINICAL SCIENCES	ABBR.	THE O.	PRAC.	LAB/CSL	DISCUSSION	TOTAL	
D I S C I P L I N E	GASTROENTEROHEPATOLOGY	GE	24				24	
	PATHOLOGY	PT	14		1x3=3 (2 Groups)		17	
	BIOMEDICAL ETHICS&DEONTOLOGY	BED	10				10	
	PHARMACOLOGY	PC	5				5	
	INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY	IDCM	4				4	
	PUBLIC HEALTH	PH	3				3	
	PHYTOTHERAPY	PHY	3				3	
	BIOSTATISTICS	BS	3				3	
	IMMUNOLOGY	IMM	2				2	
	PATHOPHYSIOLOGY	PP	2				2	
	FAMILY MEDICINE	FM	2				2	
	MEDICAL GENETICS	MG	2				2	
	EMERGENCY MEDICINE	EM	2				2	
	RADIOLOGY	RAD	1				1	
	PEDIATRICS	PED	1				1	
	PEDIATRIC SURGERY	PEDS	1				1	
	GENERAL SURGERY	GS	1				1	
	INTERDISCIPLINARY	MCDP					2	2
TOTAL			80		3	2	85	
OTHER COURSES								
	SCIENTIFIC RESEARCH and PROJECT COURSE-III	SRPC				1X2=2 (4 Groups)	2	
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III			1X3=3 (4 Groups)		3	
TOTAL			80		6	4	90	
INDEPENDENT LEARNING								45

Coordination Committee

HEAD	Meltem Ergün, MD, Assoc. Prof.
SECRETARY	Emin Gökhan Gencer, MD, Assist. Prof.
MEMBER	Ferda Özkan, MD, Prof.
MEMBER	Sıtkı Tıplamaz, MD, Assist. Prof.
MEMBER	Ebru Çayır, MD, Assist. Prof.

**COMMITTEE III - GASTROINTESTINAL SYSTEM
LECTURERS**

MED 302 INTRODUCTION to CLINICAL SCIENCES	
DISCIPLINE	LECTURERS
GASTROENTEROHEPATOLOGY	Cengiz Pata, MD, Prof. Meltem Ergün, MD, Prof. Emine Köroğlu, MD, Assoc. Prof M. Akif Öztürk, MD
PATHOLOGY	Aydın Sav, MD, Prof. Ferda Özkan, MD, Prof. Ezgi Hacıhasanoğlu, MD, Assist. Prof
PHARMACOLOGY	Ece Genç, PhD, Prof. Emine Nur Özdamar, MD, Assist. Prof Ahmet Cenk Andaç, Assist. Prof
PUBLIC HEALTH	Erol Sezer, MD, Prof Hale Arık Taşyikan, MD, Assist. Prof
BIOMEDICAL ETHICS & DEONTOLOGY	Elif Vatanoğlu Lutz, MD, Prof.
INFECTIOUS DISEASES AND MEDICAL MICROBIOLOGY	Meral Sönmezoğlu, MD, Prof.
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, Prof.
PHYTOTHERAPY	Erdem Yeşilada, PhD, Prof. M. Engin CELEP, PhD, Assoc. Prof
FAMILY MEDICINE	Güldal İzbirak, MD, Assoc.Prof. Özlem Tanrıöver, MD, Prof.
BIOSTATISTICS	Çiğdem Keleş, PhD, Assist. Prof.
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, MD, Assoc. Prof.
EMERGENCY MEDICINE	Hande Candemir, MD, Assist. Prof. Emin Gökhan Gencer, MD, Assist. Prof.
PEDIATRICS	Meltem Uğraş, MD, Prof.
PEDIATRIC SURGERY	Şafak Karaçay, MD, Assoc.Prof.
GENERAL SURGERY	Cüneyt Kayaalp, MD, Prof.
RADIOLOGY	Ayşegül Görmez, MD, Assist. Prof.
IMMUNOLOGY	Gülderen Yanıkkaya Demirel, MD, PhD, Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT COURSE-III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Özlem Tanrıöver, MD, Prof. Güldal İzbirak, MD, Assoc. Prof. Serdar Özdemir, MD, Assist. Prof. Süleyman Orman, MD, Assoc. Prof. Fırat Demircan, MD, Assist. Prof.

COMMITTEE III - GASTROINTESTINAL SYSTEM

AIMS and LEARNING OBJECTIVES

AIMS

The aim of this committee is to convey fundamental knowledge on the prevention measures, etiology, pathophysiology, clinical symptoms and signs, differential diagnosis and pharmacology of drugs used in gastrointestinal clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency. In addition to gastrointestinal clinical conditions, this committee aims to convey necessary knowledge on ethical problems, biostatistical knowledge required in design of medical research and to convey necessary knowledge on genetic basis of clinical conditions, immune response and phytotherapy.

LEARNING OBJECTIVES OF GASTROINTESTINAL SYSTEM

In evidence based manner, and related to conditions which are frequent in community and/or pose high risk for individual or community health, and/or lifethreatening or constitute an emergency related to gastrointestinal system, at the primary health care level; at the end of this committee, the student should be able to:

- G1. to recall knowledge on histology and physiology of gastrointestinal system,
- G2. to define etiopathogenesis of clinical conditions related to gastrointestinal system,
- G3. to explain epidemiology of clinical conditions related to gastrointestinal system,
- G4. to explain prevention of clinical conditions, and protection or improvement of health against those clinical conditions related to gastrointestinal system,
- G5. to explain mechanisms of occurrence for frequently encountered clinical complaints, symptoms, signs and findings in clinical conditions related to gastrointestinal system,
- G6. to explain together with performance measures on health care processes, clinical decision making process, clinical decisions and clinical practices required for managing clinical conditions related to gastrointestinal system,
- G7. to convey knowledge on pharmacology of drugs that are effective on gastrointestinal system or on clinical conditions involving gastrointestinal system,
- G8. to define ethical problems encountered in health care service and utilization, and on principles of solutions,
- G9. to convey necessary knowledge on genetical basis of clinical conditions,
- G10. to list principles of comparative biostatistical analysis of study groups,
- G11. to define basic knowledge on phytotherapy

**COMMITTEE III - GASTROINTESTINAL SYSTEM
COMMITTEE ASSESSMENT MATRIX**

PHASE III						
COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES						
COURSE COMPONENT: COMMITTEE III - GASTROINTESTINAL SYSTEM						
QUESTION DISTRIBUTION TABLE						
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
G1-G6	GE	C. Pata M. Ergün E. Köroğlu M. A. Öztürk	27	7	7	41
G2	PT	F. Özkan E. Hacıhasanoğlu	17	4	4	25
G8	BED	E. Vatanoglu	11	3	3	17
G7	PC	E. Genç E. N. Özdamar A. Cenk Andaç	6	2	2	10
G1-G6	IDCM	M. Sönmezoğlu	6	1	1	8
G3, G4	PH	R.E. Sezer H.A.Taşıyan	3	1	1	5
G11	PHR (PHY)	E. Yeşilada E. Celep	3	1	1	5
G10	BS	Ç. Keleş	3	1	1	5
G5	IMM	G. Y. Demirel	2	1	1	4
G2	PP	M. Kaçar	2	1	1	4
G6	FM	G. İzbirak Ö. Tanrıöver	2	1	1	4
G9	MG	A.Ç. Kuşkucu	2	1	1	4
G5	EM	H. Candemir E. G. Gencer	2	0	0	2
G5	RAD	A. Görmez	1	0	0	1
G5	PED	M. Uğraş	1	0	0	1
G5	PEDS	Ş. Karaçay	1	0	0	1
G5	GS	C. Kayaalp	1	0	0	1
TOTAL			90	24	24	138
LEARNING OBJECTIVE	FACULTY DEPARTMENT	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
G1-G6	GE	M. Ergün	3	-	-	3
G2	PT	F. Özkan	2	-	-	2
TOTAL			5	-	-	5

CS*= 90 pts (MCQ) + 10 pts (EMQ) = 100 pts; pts: Points

*Each MCQ has a value of 1 points; each EMQ question has a value of 2 points.

Abbreviations

MCQ: Multiple Choice Question

EMQ: Extending Matching Question

CE: Committee Exam

CS: Committee Score

FE: Final Exam

ICE: Incomplete Exam

****23** out of 200 FE and ICE MCQs will be from Committee III (Each question is of worth **0.5** pts).

COMMITTEE III - GASTROINTESTINAL SYSTEM
WEEK I / 20-24 Dec 2021

	Monday 20-Dec-2021	Tuesday 21-Dec-2021	Wednesday 22-Dec-2021	Thursday 23-Dec-2021	Friday 24-Dec-2021
09.00- 09.50	Lecture Palliative Care Ethics E. Vatanoglu Lutz	Lecture Ethics of Dealing with Addiction E. Vatanoglu Lutz	Lecture Semiology I M. A. Öztürk	Independent Learning	Lecture Functional GI Disorders & Irritable Bowel Disease E. Köroğlu
10.00- 10.50	Lecture Medical Ethical Decision-Making E. Vatanoglu Lutz	Lecture Ethics of Elective Interventions E. Vatanoglu Lutz	Lecture Semiology II M. A. Öztürk	Independent Learning	Lecture Comparing Groups-categorical Data Ç. Keleş
11.00- 11.50	Lecture Ethics and the Law E. Vatanoglu Lutz	Lecture The Ethics of Testing and Screening E. Vatanoglu Lutz	Lecture Steatohepatitis E. Köroğlu	Lecture Radiology of Gastrointestinal System A. Görmez	Lecture Comparing Groups-countinous Data I Ç. Keleş
12.00- 12.50	Lecture Public Health Ethics E. Vatanoglu Lutz	Lecture The Ethics of Dealing with Infectious Diseases E. Vatanoglu Lutz	Lecture Alcoholic Liver Disease E. Köroğlu	Lecture Pathophysiology of Gastrointestinal Disorders I M. Kaçar	Lecture Comparing Groups-countinous Data II Ç. Keleş
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Lecture The Ethics of Patents on Life E. Vatanoglu Lutz	Lecture Ethical Issues at the End of Life E. Vatanoglu Lutz	Lecture Abdominal Pain M. Ergün	Lecture Jaundice E. Köroğlu	Lecture Acute Gastroenteritis M. Sönmezoğlu
15.00- 15.50	Lecture Agents used in the Treatment of Peptic Ulcer I E. Genç	Independent Learning	Lecture Disease of the Bile Duct and Gall Bladder M. Ergün	Lecture Tumors of Esophagus, Stomach and Small Intestine E. Köroğlu	Lecture Hepatitis I M. Sönmezoğlu
16.00- 16.50	Lecture Agents used in the Treatment of Peptic Ulcer II E. Genç	Independent Learning	Lecture Acute and Chronic Pancreatitis M. Ergün	Lecture Pathophysiology of Gastro-intestinal Disorders II M. Kaçar	Lecture Hepatitis II M. Sönmezoğlu
17.00-17.50	Independent Learning	Independent Learning	Lecture Gastrointestinal Bleedings in Children Ş. Karaçay	Lecture Pathophysiology of Gastro-intestinal Disorders III M. Kaçar	Lecture Food Poisoning M. Sönmezoğlu

IL: Independent Learning, CSL: Clinical Skills Learning, YH: Yeditepe University Hospital. Student groups for laboratory/practice sessions will be announced by coordinators.

COMMITTEE III - GASTROINTESTINAL SYSTEM

WEEK II / 27-31 Dec 2021

	Monday 27-Dec-2021	Tuesday 28-Dec-2021	Wednesday 29-Dec-2021	Thursday 30-Dec-2021	Friday 31-Dec-2021		
09.00- 09.50	Lecture Public Health and Nutrition I R.E. Sezer	Lecture Oral Pathology F. Özkan	Lecture Gastritis and Helicobacter Pylori C. Pata	Lecture Pathology of Stomach I F. Özkan	Lecture Transplantation of liver C. Kayaalp		
10.00- 10.50	Lecture Public Health and Nutrition II R.E. Sezer	Lecture Pathology of Esophagus I F. Özkan	Lecture Gastroesophageal Reflux (GE) and Esophageal Motility Disorder C. Pata	Lecture Pathology of Stomach II F. Özkan	Lecture Pathology of Liver I E. Hacıhasanoğlu		
11.00- 11.50	Lecture Acute Liver Failure M. Ergün	Lecture Pathology of Esophagus II F. Özkan	Lecture Chronic /Viral Hepatitis C. Pata	Lecture Approach to the Patient with Abdominal Pain Regarding to Primary Care G. İzbirak	Lecture Pathology of Liver II E. Hacıhasanoğlu		
12.00- 12.50	Lecture Autoimmune Hepatitis M. Ergün	Independent Learning	Lecture Cirrhosis and Portal Hypertension C. Pata	Lecture Approach to the Patient with Abdominal Pain Regarding to Primary Care G. İzbirak	Lecture Pathology of Appendix & Peritoneum E. Hacıhasanoğlu		
12.50 – 14.00	LUNCH BREAK						
14.00- 14.50	Lecture Wilson Disease and Hemochromatosis M. Ergün	ICP-CSL Physical Examination of Gastrointestinal System S. Orman		Lecture Phytotherapy-IV E. Celep	Lecture Toxic Hepatitis E. Köroğlu		
15.00- 15.50	Lecture Mass Lesions of the Liver M. Ergün	Group D Small Group Study SRPC	Group C ICP (Face to Face)	Group A II	Group B IL	Lecture Phytotherapy-V E. Celep	Lecture Tumors of the Bile Ducts and Pancreas E. Köroğlu
16.00- 16.50	Lecture Epidemiology, Prevention and Control of Obesity H. A. Taşyikan					Lecture Phytotherapy-VI E. Celep	Independent Learning
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning		

**COMMITTEE III - GASTROINTESTINAL SYSTEM
WEEK III / 3-7 Jan 2022**

	Monday 3-Jan-2022	Tuesday 4-Jan-2022	Wednesday 5-Jan-2022	Thursday 6-Jan-2022	Friday 7-Jan-2022				
09.00- 09.50	Lecture Pathology of Liver & Biliary System I <i>E. Hacıhasanoğlu</i>	Lecture Antiemetic Agents <i>A. C. Andaç</i>	Lecture Pathology of Intestinal Diseases I <i>F. Özkan</i>	ICP-CSL History Taking <i>S. Özdemir / G. İzbirak/ Ö. Tanrıöver</i> Group C ICP (ONLINE) ICP-CSL Physical Examination of Gastrointestinal System Group B ICP (Face to face) <i>S. Orman</i>	ICP-CSL History Taking <i>S. Özdemir / G. İzbirak/ Ö. Tanrıöver</i> Group B ICP (ONLINE) ICP-CSL Physical Examination of Gastrointestinal System Group D ICP (Face to Face) <i>F. Demircan</i>				
10.00- 10.50	Lecture Pathology of Liver & Biliary System II <i>E. Hacıhasanoğlu</i>	Lecture Clinical Nutrition <i>M. Uğraş</i>	Lecture Pathology of Intestinal Diseases II <i>F. Özkan</i>						
11.00- 11.50	Lecture Pathology of Liver & Biliary System III <i>E. Hacıhasanoğlu</i>	Lecture Inflammatory Bowel Disease <i>M. Ergün</i>	Lecture Malabsorption <i>E. Köroğlu</i>						
12.00- 12.50	Lecture Pathology of Liver & Biliary System IV <i>E. Hacıhasanoğlu</i>	Lecture Premalignant Lesion of the Colon <i>M. Ergün</i>	Lecture Peptic Ulcer Disease <i>E. Köroğlu</i>	Lecture Approach to the Patient with Diarrhea Regarding to Primary Care <i>Ö. Tanrıöver</i>	Lecture Mesenteric Ischemia <i>H. Candemir</i>				
12.50 – 14.00	LUNCH BREAK								
14.00- 14.50	Pathology Laboratory (Gastrointestinal System) <i>F. Özkan/ A. Sav</i>	Group B	Group A IL	Multidisciplinary Case Discussion Panel		ICP-CSL History Taking and Physical Examination of Gastrointestinal System <i>F. Demircan/ S. Özdemir / G. İzbirak/ Ö. Tanrıöver</i>	Lecture Immunologic Tolerance and Autoimmunity <i>G. Yanıkaya Demirel</i>	ICP-CSL History Taking <i>S. Özdemir / G. İzbirak/ Ö. Tanrıöver</i> Group A ICP (ONLINE)	
15.00- 15.50				Multidisciplinary Case Discussion Panel		Group A ICP (Face to face)	Group B Small Group Study		Group C
16.00- 16.50		Group B IL	Group A	Lecture Clinical Approach to the Patient with Acute Abdominal Pain <i>E. G. Gencer</i>	Lecture Complex Diseases-Inherited Gastrointestinal System Disorders <i>A.Ç. Kuşku</i>				
17.00-17.50		Independent Learning		Lecture Laxatives <i>E. N. Özdamar</i>	Independent Learning		Lecture Complex Diseases-Inherited Gastrointestinal System Disorders <i>A.Ç. Kuşku</i>		Lecture Digestive & Antidiarrheal Drugs <i>E. N. Özdamar</i>

**COMMITTEE III - GASTROINTESTINAL SYSTEM
WEEK IV / 10-14 Jan 2022**

	Monday 10-Jan-2022	Tuesday 11-Jan-2022	Wednesday 12-Jan-2022	Thursday 13-Jan-2022	Friday 14-Jan-2022
09.00- 09.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
10.00- 10.50					
11.00- 11.50					
12.00- 12.50					
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	COMMITTEE EXAM
15.00 -15.50					
16.00 - 16.50					
17.00 - 17.50					Program Evaluation Session Committee III Coordination Committee Members

COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS

DISTRIBUTION of LECTURE HOURS

January 17, 2022 – March 18, 2021

COMMITTEE DURATION: 7 WEEKS

MED 302	INTRODUCTION to CLINICAL SCIENCES	ABBR.	THEO.	PRAC.	LAB/CSL	DISCUSSION	TOTAL
DI S C I P L I N E	PATHOLOGY	PT	32		1x2=2 (2 Groups)		34
	OBST & GYNEC	OBS- GYN	16				16
	ENDOCRINOLOGY	END	15				15
	NEPHROLOGY	NE	15				15
	PHARMACOLOGY	PC	14				14
	INFECTIOUS DISEASES	ID	5				5
	MEDICAL MICROBIOLOGY	MM	0		2x1=2 (4 Groups)		2
	PATHOPHYSIOLOGY	PP	7				7
	MEDICAL GENETICS	MG	6				6
	PEDIATRICS	PED	6				6
	UROLOGY	URO	6				6
	FAMILY MEDICINE	FM	4				4
	PUBLIC HEALTH	PH	4				4
	BIOSTATISTICS	BS	3				3
	IMMUNOLOGY	IM	2				2
	BIOMEDICAL ETHICS&DEONTOLOGY	BED	2				2
	PHYTOTHERAPY	PHR	2				2
	RADIOLOGY	RAD	2				2
	EMERGENCY MEDICINE	EM	1				1
	PEDIATRIC SURGERY	PED-S	1				1
HISTOLOGY	HST	1				1	
GENERAL SURGERY	GS	1				1	
INTERDISCIPLINARY	MCDP					2	2
TOTAL			145		4	2	151
OTHER COURSES							
	SCIENTIFIC RESEARCH and PROJECT COURSE-III	SRPC				2x2=4 (4 Groups)	4
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III			1x3=3 (4 Groups) 1x2=2 (4 Groups) 1x3=3 (4 Groups)		8
TOTAL			145		12	6	163
INDEPENDENT LEARNING							101

Coordination Committee

HEAD	Hasan Aydın, MD, Prof.
SECRETARY	Oya Alagöz, MD, Assist. Prof.
MEMBER	Gülçin Kantarcı, MD, Prof.
MEMBER	Rukset Attar, MD, Prof.

MEMBER

Oya Alagöz, MD, Assist. Prof.

COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS LECTURERS

MED 302 INTRODUCTION to CLINICAL SCIENCES	
DISCIPLINE	LECTURERS
PATHOLOGY	Aydın Sav, MD, Prof. Ferda Özkan, MD, Prof. Ezgi Hacıhasanoğlu, MD
OBSTETRICS and GYNECOLOGY	Orhan Ünal, MD, Prof. Rukset Attar, MD, Prof. Gazi Yıldırım, MD, Prof. Erkut Attar, MD Prof. Tanju Demirören, MD
ENDOCRINOLOGY	Hasan Aydın, MD, Prof. Fahrettin Keleştemur, MD, Prof.
PHARMACOLOGY	Ece Genç, PhD, Prof. Emine Nur Özdamar, MD, Assist. Prof.
MEDICAL GENETICS	Ayşegül Çınar Kuşkuçcu, MD, Assist. Prof.
INFECTIOUS DISEASES	Meral Sönmezoğlu, MD Prof.
MEDICAL MICROBIOLOGY	İ. Çağatay Acuner, MD, Assoc. Prof.
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, Prof.
BIOMEDICAL ETHICS&DEONTOLOGY	Elif Vatanoğlu Lutz, MD, PhD, Assoc. Prof.
PUBLIC HEALTH	Recep Erol Sezer, MD, Prof. Hale Arık Taşyikan, MD, Assist. Prof.
FAMILY MEDICINE	Özlem Tanrıöver, MD, Prof. Ayşe Arzu Akalın, MD, Assist. Prof.
PEDIATRICS	Mustafa Berber, MD, Assist. Prof. Fatma Tuba Coşkun, MD Çiğdem Ayanoglu, MD.
PEDIATRIC ENDOCRINOLOGY	Belma Haliloğlu, MD, Assoc. Prof.
BIOSTATISTICS	Çiğdem Keleş, PhD, Assist. Prof.
RADIOLOGY	Özgür Sarıca, MD.
PHYTOTHERAPY	M. Engin Celep, PhD, Assist. Prof.
HISTOLOGY & EMBRYOLOGY	Oya Akçın Alagöz, MD, Assist. Prof.
NEPHROLOGY	Gülçin Kantarcı, MD, Prof.
UROLOGY	Murat Kuru, MD. Assist. Prof.
PEDIATRIC SURGERY	Şafak Karaçay, MD, Assoc. Prof.
GENERAL SURGERY	Gürkan Tellioglu, MD, Prof.
EMERGENCY MEDICINE	Emin Gökhan Gencer, MD, Assist. Prof.
IMMUNOLOGY	Gülderen Yanıkkaya Demirel, MD, PhD, Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT COURSE-III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Mert Yeşiladali, MD, Assist. Prof. Petek Feriha Uzuner, MD, Sultan Can, MD, Özlem Tanrıöver, MD, Prof. Ayşe Arzu Akalın, MD, Assist. Prof.

	Emre Özer, MD, Kinyas Kartal, MD, Assoc. Prof. Mustafa Berber, MD, Assist. Prof. Çiğdem Ayanoğlu, MD.
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COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS AIMS and LEARNING OBJECTIVES

AIMS

The aim of this committee is to convey fundamental knowledge on the prevention measures, etiology, pathophysiology, clinical symptoms and signs, differential diagnosis and pharmacology of drugs used in endocrine, reproductive and urinary clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency. In addition to endocrine, reproductive and urinary clinical conditions, this committee aims to convey necessary knowledge on ethical problems, biostatistical knowledge required in the design of medical research and to convey necessary knowledge on genetic basis of clinical conditions, immune response and phytotherapy.

LEARNING OBJECTIVES OF ENDOCRINE and REPRODUCTIVE SYSTEMS

In evidence based manner, and related to conditions which are frequent in community and/or pose high risk for individual or community health, and/or life threatening or constitute an emergency, at the primary health care level; at the end of this committee, the student should be able to:

- E.1. to recall knowledge on anatomy, histology, and physiology of endocrine and reproductive systems,
- E.2. to define etiopathogenesis of clinical conditions related to endocrine and reproductive systems,
- E.3. to explain epidemiology of clinical conditions related to endocrine and reproductive systems,
- E.4. to explain prevention of clinical conditions, and protection or improvement of health against those clinical conditions related to endocrine and reproductive systems,
- E.5. to explain mechanisms of occurrence for frequently encountered clinical complaints, symptoms, signs, and findings in clinical conditions related to endocrine and reproductive systems,
- E.6. to explain together with performance measures on health care processes, clinical decision making process, clinical decisions and clinical practices required for managing clinical conditions related to endocrine and reproductive systems,
- E.7. to convey knowledge on pharmacology of drugs that are effective on endocrine and reproductive systems or on clinical conditions involving endocrine and reproductive systems,
- E.8. to convey necessary knowledge on genetic basis of clinical conditions related to endocrine and reproductive systems,
- E.9. to define biostatistical analysis of association between variables
- E.10. to convey knowledge on phytotherapeutic agents that are effective on endocrine, reproductive, and urinary systems or on clinical conditions involving endocrine, reproductive, and urinary systems,
- E.11. to define ethical problems encountered in health care service and utilization, and on principles of solutions,

LEARNING OBJECTIVES OF URINARY SYSTEM

In evidence based manner, and related to conditions which are frequent in community and/or pose high risk for individual or community health, and/or life threatening or constitute an emergency, at the primary health care level; at the end of this committee, the student should be able to:

U.1. to recall knowledge on anatomy, histology, and physiology of urinary system,

U.2. to define etiopathogenesis of clinical conditions related to urinary system,

U.3. to explain epidemiology of clinical conditions related to urinary system,

U.4. to explain prevention of clinical conditions, and protection or improvement of health against those clinical conditions related to urinary system,

U.5. to explain mechanisms of occurrence for frequently encountered clinical complaints, symptoms, signs, and findings in clinical conditions related to urinary system,

U.6. to explain together with performance measures on health care processes, clinical decision making process, clinical decisions and clinical practices required for managing clinical conditions related to urinary system,

U.7. to convey knowledge on pharmacology of drugs that are effective on urinary system or on clinical conditions involving urinary system,

U.8. to convey necessary knowledge on genetic basis of clinical conditions related to urinary system,

**COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS
COMMITTEE ASSESSMENT MATRIX**

PHASE III						
COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES						
COURSE COMPONENT: COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS						
QUESTION DISTRIBUTION TABLE						
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
E.2, U.2	PT	F. Özkan	20	10	10	40
		A. Sav				
E.1 – E.6	OBS-GYN	O. Ünal	10	5	5	20
		R. Attar				
		G. Yıldırım				
		T. Demirören				
		E. Attar				
E.1 – E.6	END	H. Aydın	9	5	5	19
U.1 – U.6	NE	F. Keleştemur	9	5	5	19
		G. Kantarcı				
E.7, U.7	PC	E. Genç	9	4	4	17
		E. N. Özdamar				
E.1 – E.6, U.1 – U.6	IDCM	M. Sönmezoğlu	3	2	2	7
E.5, U.5	PP	M. Kaçar	4	2	2	8
E.8, U.8	MG	A. Ç. Kuşkucu	4	2	2	8
E.1 – E.6, U.1 – U.6	PED	M. Berber	2	1	1	4
		F.T. Coşkun				
		Ç. Ayanoğlu				
E.1 – E.6	PED END	B. Haliioğlu	2	1	1	4
U.1 – U.6	URO	M. Kuru	4	2	2	8
E.6, U.6	FM	A.A. Akalın	2	2	2	6
		Ö. Tanrıöver				
E.3, E.4, U.3, U.4	PH	R.E. Sezer	2	1	1	4
		H.A. Taşyikan				
E.9	BS	Ç. Keleş	2	1	1	4
E.5	IMM	G. Y. Demirel	1	1	1	3
E.11	BED	E. Vatanoğlu Lutz	1	1	1	3
E.10	PHR (PHY)	M.E. Celep	1	1	1	3
E.5, U.5	RAD	Ö. Sarıca	1	1	1	3
E.5, U.5	EM	E. G. Gencer	1	0	0	1
E.5, U.5	PED-S	Ş. Karaçay	1	0	0	1
E.1	HST	O. Akçın Alagöz	1	0	0	1
E.5, U.5	GS	G. Telliioğlu	1	0	0	1
TOTAL			90	47	47	184
LEARNING OBJECTIVE	FACULTY DEPARTMENT	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
E.1 – E.6	END	H. Aydın	1	-	-	1
E.1 – E.6	OBS-GYN	R. Attar	1	-	-	1
U.1 – U.6	NE	G. Kantarcı	1	-	-	1
U.1 – U.6	URO	M. Kuru	1	-	-	1
E.2, U.2	PT	F. Özkan	1	-	-	1
TOTAL			5	-	-	5

CS* = 90 pts (MCQ) + 10 pts (EMQ) = 100 points

*Each MCQ has a value of 1 point; each EMQ question has a value of 2 points.

Abbreviations

MCQ: Multiple Choice Question

EMQ: Extending Matching Question

CE: Committee Exam

CS: Committee Score

FE: Final Exam

ICE: Incomplete Exam; **pts:** Points

****45** out of 200 FE and ICE MCQs will be from Committee IV (Each question is worth **0.5** pts).

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEM
WEEK I / 17 – 21 Jan 2022

	Monday 17-Jan-2022	Tuesday 18-Jan-2022	Wednesday 19-Jan-2022	Thursday 20-Jan-2022	Friday 21-Jan-2022			
09.00- 09.50	Lecture Introduction to Endocrinology H. Aydın	Lecture Pathology of Adrenal Gland I A. Sav	Lecture Pathophysiology of Endocrine System Diseases I M. Kaçar	ICP-CSL Follow-up of Pregnancy & Stages of Normal Labour & Gynecological Examination, PAP Smear Obtaining M. Yeşiladalı / P.F.Uzuner / S. Can	Lecture Introduction to Endocrine Pharmacology E. Genç			
10.00- 10.50	Lecture Introduction to Diabetes Mellitus H. Aydın	Lecture Pathology of Adrenal Gland II A. Sav	Lecture Pathophysiology of Endocrine System Diseases II M. Kaçar	Group A ICP	Group B Small Group Study SRPC	Group C IL	Group D IL	Lecture Thyroid and Antithyroid Drugs I E. Genç
11.00- 11.50	Lecture Clinical and Laboratory Findings of Diabetes Mellitus H. Aydın	Lecture Relation Between Two Variables I Ç. Keleş	Lecture Pathophysiology of Endocrine System Diseases III M. Kaçar					Lecture Thyroid and Antithyroid Drugs II E. Genç
12.00- 12.50	Lecture Obesity H. Aydın	Lecture Relation Between Two Variables II Ç. Keleş	Lecture Hypertensive Disorders in Pregnancy E.G. Gencer	Independent Learning			Lecture Pathology of Pancreas II A. Sav	
12.50 – 14.00	LUNCH BREAK							
14.00- 14.50	Lecture Pathology of Endocrine System: Introduction A. Sav	Lecture Calcium Metabolism H. Aydın	Lecture Prenatal Genetic Diagnosis A. Ç. Kuşkucu	Lecture Normal Pubertal Development B. Haliloğlu	Lecture Hypoglycemia H. Aydın			
15.00- 15.50	Lecture Pathology of Pituitary Gland I A. Sav	Lecture Physical Examination of Newborn Patient M. Berber	Lecture Genetic Counseling A. Ç. Kuşkucu	Lecture Congenital Adrenal Hyperplasia B. Haliloğlu	Lecture Hypercalcemic Diseases H. Aydın			
16.00- 16.50	Lecture Pathology of Pituitary Gland II A. Sav	Lecture Physical Examination of Child Patient M. Berber	Lecture Pathology of Thyroid & Parathyroid I A. Sav	Lecture Pubertal Disorders B. Haliloğlu	Independent Learning			
17.00-17.50	Lecture Pathology of Pancreas I A. Sav	Lecture Imaging of Thyroid Glands Ö. Sarıca	Lecture Pathology of Thyroid & Parathyroid II A. Sav	Independent Learning				

IL: Independent Learning, CSL: Clinical Skills Learning, YH: Yeditepe University Hospital. Student groups for laboratory/practice sessions will be announced by coordinators.

MIDTERM BREAK
24 JANUARY – 4 FEBRUARY 2022

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS
WEEK II / 7 – 11 Feb 2022

	Monday 7-Feb-2022	Tuesday 8-Feb-2022	Wednesday 9-Feb-2022	Thursday 10-Feb-2022	Friday 11-Feb-2022
09.00- 09.50	Lecture Puerperal Infections T. Demirören	Lecture Fluid, Electrolyte I G. Kantarcı	Lecture Renovascular Pathology E. Hacıhasanoğlu	ICP-CSL Follow-up of Pregnancy & Stages of Normal Labour & Gynecological Examination, PAP Smear Obtaining R M. Yeşiladalı / P.F.Uzuner / S. Can	Independent Learning
10.00- 10.50	Lecture Normal and Abnormal Labor T. Demirören	Lecture Fluid, Electrolyte II G. Kantarcı	Lecture Renal Cystic Disease E. Hacıhasanoğlu	Group A Small Group Study SRFC Group B ICP Group C IL Group D IL	Independent Learning
11.00- 11.50	Lecture Insulin and Oral Antidiabetic Drugs I E. Genç	Lecture Hyperfunctioning Disorders of Anterior Pituitary Gland F. Keleştimur	Lecture The Gynecological History and Examination G. Yıldırım		Independent Learning
12.00- 12.50	Lecture Insulin and Oral Antidiabetic Drugs II E. Genç	Lecture Disorders of Posterior Pituitary Gland F. Keleştimur	Lecture Endometriosis & Adenomyosis G. Yıldırım	Independent Learning	Independent Learning
12.50-14.00	LUNCH BREAK				
14.00- 14.50	Lecture Pathology of Vulva & Vagina F. Özkan	Lecture Hypopituitarism F. Keleştimur	Lecture Adrenocortical Hormones and Drugs I E. Genç	Lecture Reproductive Ethics E. Vatanoğlu Lutz	ELECTIVE WEEK I
15.00- 15.50	Lecture Pathology of Treponemal Infections F. Özkan	Lecture Diffuse Hormonal Systems and Endocrine Tumor Syndromes H. Aydın	Lecture Adrenocortical Hormones and Drugs II E. Genç	Lecture Gene Ethics E. Vatanoğlu Lutz	
16.00- 16.50	Lecture Pathology of Breast I F. Özkan	Lecture Thyroid Function Tests H. Aydın	Lecture Antenatal Care T. Demirören	Lecture Breast Diseases A. Akalın	Independent Learning
17.00-17.50	Lecture Pathology of Breast II F. Özkan	Lecture Thyroid Disorders H. Aydın	Lecture Disorders of Early Pregnancy (Miscarriage; Ectopic; GTD) T. Demirören	Lecture Imaging of Urinary System Ö. Sarıca	

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS
WEEK III / 14 – 18 Feb 2022

	Monday 14-Feb-2022	Tuesday 15-Feb-2022	Wednesday 16-Feb-2022	Thursday 17-Feb-2022	Friday 18-Feb-2022
09.00-09.50	Lecture Agents Effecting Bone Mineral Homeostasis I E. Genç	Lecture Pathology of Urinary System Tumors E. Hacıhasanoğlu	Lecture Immunology of Reproduction G. Yanikkaya Demirel	ICP-CSL Follow-up of Pregnancy & Stages of Normal Labour & Gynecological Examination, PAP M. Yeşiladalı / P.F.Uzuner / S.Can	ICP-CSL Follow-up of Pregnancy & Stages of Normal Labour & Gynecological Examination, PAP M. Yeşiladalı / P.F.Uzuner / S.Can
10.00-10.50	Lecture Agents Effecting Bone Mineral Homeostasis II E. Genç	Lecture Congenital Anomalies of Urinary System E. Hacıhasanoğlu	Lecture Immunology of Reproduction G. Yanikkaya Demirel	Group A IL	Group A IL
11.00-11.50	Lecture Pathophysiology of Reproductive System Diseases I M. Kaçar	Lecture Normal and Abnormal Sexual Development & Puberty R. Attar	Lecture Hypocalcemic Diseases H. Aydın	Group B IL	Group B IL
12.00-12.50	Lecture Pathophysiology of Reproductive System Diseases II M. Kaçar	Lecture The Menstrual Cycle and Disorders of the Menstrual Cycle R. Attar	Lecture Adrenal Disorders H. Aydın	Group C ICP	Group C Small Group Study SRPC
12.50-14.00				Group D Small Group Study SRPC	Group D ICP
12.50-14.00			LUNCH BREAK	Independent learning	Independent learning
14.00-14.50	Microbiology Laboratory (Diagnostic Tests of Urinary Specimens) İ. Ç. Acuner	Microbiology Laboratory (Diagnostic Tests of Urinary Specimens) İ. Ç. Acuner	Lecture Conditions Affecting Vulva & Vagina O. Ünal	Lecture Congenital Infections and Sexually Transmitted Diseases, Genital Infections I M. Sönmezoğlu	ELECTIVE WEEK II
15.00-15.50	Group A	Group B IL	Lecture Pathology of Bladder E. Hacıhasanoğlu	Lecture Congenital Infections and Sexually Transmitted Diseases, Genital Infections II M. Sönmezoğlu	Independent Learning
16.00-16.50	Group A IL	Group B	Independent learning	Lecture Congenital Infections and Sexually Transmitted Diseases, Genital Infections III M. Sönmezoğlu	Independent Learning
17.00-17.50	Independent Learning	Independent learning	Independent learning	Lecture Congenital Anomalies of The Urinary System Ş. Karaçay	ELECTIVE WEEK II

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK IV / 21 – 25 Feb 2022

	Monday 21-Feb-2022	Tuesday 22-Feb-2022	Wednesday 23-Feb-2022	Thursday 24-Feb-2022	Friday 25-Feb-2022		
09.00- 09.50	Lecture Pathology of Glomerular Diseases I E. Hacıhasanoğlu	Lecture Pathology of Ovary I F. Özkan	Lecture Benign Diseases of the Uterus and the Cervix R. Attar	Independent Learning	Lecture Pathology of Cervix Uteri I F. Özkan		
10.00- 10.50	Lecture Pathology of Glomerular Diseases II E. Hacıhasanoğlu	Lecture Pathology of Ovary II F. Özkan	Lecture Benign Diseases of the Ovary R. Attar	Lecture Malign Diseases of the Uterus and the Cervix O. Ünal	Lecture Pathology of Cervix Uteri II F. Özkan		
11.00- 11.50	Lecture Pathology of Glomerular Diseases III E. Hacıhasanoğlu	Lecture Pathology of Tubulointerstitial Disease I E. Hacıhasanoğlu	Lecture Nephritic Syndrome G. Kantarcı	Lecture Malign Diseases of the Ovary O. Ünal	Lecture Chromosomal Disorders I A. Ç. Kuşkucu		
12.00- 12.50	Lecture Androgens & Anabolic Steroids E. Genç	Lecture Pathology of Tubulointerstitial Disease II E. Hacıhasanoğlu	Lecture Nephrotic Syndrome G. Kantarcı	Lecture Conditions Affecting Vulva & Vagina O. Ünal	Lecture Chromosomal Disorders II (Sex Chromosomes and their Abnormalities) A. Ç. Kuşkucu		
12.50 – 14.00	LUNCH BREAK						
14.00- 14.50	Lecture Delivery of Family Planning Services I A. Akalın	ICP-CSL (Clinical Breast Examination) K. Kartal / E. Özer / Ö. Tannırover / A. Akalın		Lecture Acute Kidney Injury-I G. Kantarcı	Lecture Pathology of Uterus I F. Özkan	ELECTIVE WEEK III	Independent Learning
15.00- 15.50	Lecture Delivery of Family Planning Services II A. Akalın	Group A IL	Group B IL	Lecture Acute Kidney Injury-II G. Kantarcı	Lecture Pathology of Uterus II F. Özkan		
16.00- 16.50	Lecture Pathology of Pregnancy & Placenta F. Özkan	Group C Small Group Study	Group D ICP	Lecture Medical History for Breast Diseases in Primary Care & Clinical Breast Examination A. Akalın	Lecture The Kidney Systemic Disease and Inherited Disorders G. Kantarcı	Independent Learning	ELECTIVE WEEK III
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Lecture The Kidney Systemic Disease and Inherited Disorders G. Kantarcı			

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK V / 28 Feb – 4 Mar 2022

	Monday 28-Feb-2022	Tuesday 1-Mar-2022	Wednesday 2-Mar-2022	Thursday 3-Mar-2022	Friday 4-Mar-2022					
09.00- 09.50	Lecture Benign Prostatic Hyperplasia-I M. Kuru	Lecture Chronic Kidney Disease G. Kantarcı	Lecture Epidemiology, Prevention and Control of Type II Diabetes Mellitus R. E. Sezer	Independent Learning	Microbiology Laboratory (Diagnostic Tests of Urogenital Specimens) Microbiology Instructors	Group D	Group C IL	Group A & B IL		
10.00- 10.50	Lecture Benign Prostatic Hyperplasia-II M. Kuru	Lecture Chronic Kidney Disease G. Kantarcı	Lecture Acid/ Base Balance I G. Kantarcı	Lecture Menopause E. Attar		Group D IL	Group C			
11.00- 11.50	Lecture Urologic Emergencies M. Kuru	Lecture Estrogens, Progestines and Inhibitors I E. N. Özdamar	Lecture Acid/ Base Balance II G. Kantarcı	Lecture Fertility Control E. Attar	Microbiology Laboratory (Diagnostic Tests of Urogenital Specimens) Microbiology Instructors	Group D & C IL	Group B	Group A IL		
12.00- 12.50	Lecture Approach to the Patient with Urinary Tract Symptoms M. Kuru	Lecture Estrogens, Progestines and Inhibitors II E. N. Özdamar	Lecture Clinical Study of Renal Functions and Urinary Findings G. Kantarcı	Lecture Infertility E. Attar			Group B IL	Group A		
12.50 -14.00	LUNCH BREAK									
14.00- 14.50	ICP-CSL Clinical Breast Examination K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın		ICP-CSL Clinical Breast Examination K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın		Pathology Laboratory (Urinary System) A.Sav / F. Özkan	Group A	Group B IL	Lecture Urologic Oncology I M. Kuru	ELECTIVE WEEK IV	Independent Learning
15.00- 15.50	Group A Small Group Study SRPC	Group B ICP	Group C & D IL	Group A IL						
16.00- 16.50					Independent Learning	Pathology Laboratory (Urinary System) A.Sav / F. Özkan	Group A IL	Group B	Lecture Upper and Lower Urinary Tract Infections I M. Sönmezoğlu	Independent Learning
17.00-17.50	Independent Learning	Pathology Laboratory (Urinary System) A.Sav / F. Özkan							Lecture Upper and Lower Urinary Tract Infections II M. Sönmezoğlu	

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK VI / 7 – 11 Mar 2022

	Monday 7-Mar-2022	Tuesday 8-Mar-2022	Wednesday 9-Mar-2022	Thursday 10-Mar-2022	Friday 11-Mar-2022
09.00- 09.50	Lecture Pathophysiology of Urinary System Diseases I <i>M. Kaçar</i>	Lecture Hypothalamic and Pituitary Hormones I <i>E. N. Özdamar</i>	Multidisciplinary Case Discussion Panel	ICP-CSL Physical Examination of the Newborn and Child Patient <i>Ç. Ayanoğlu / M. Berber</i>	Independent Learning
10.00- 10.50	Lecture Pathophysiology of Urinary System Diseases II <i>M. Kaçar</i>	Lecture Hypothalamic and Pituitary Hormones II <i>E. N. Özdamar</i>	Multidisciplinary Case Discussion Panel	Group A ICP-CSL Group B ICP-CSL Group C IL Group D IL	Lecture Reproductive, Maternal and Child Health II <i>H. A. Taşyikan</i>
11.00- 11.50	Lecture Pathology of Male Genital System I <i>E. Hacıhasanoğlu</i>	Lecture Relation Between Several Variables <i>Ç. Keleş</i>	Lecture Tubulointerstitial Diseases <i>G. Kantarcı</i>		Lecture Reproductive, Maternal and Child Health II <i>H. A. Taşyikan</i>
12.00- 12.50	Lecture Pathology of Male Genital System II <i>E. Hacıhasanoğlu</i>	Lecture Transplantation of Kidney <i>G. Telliöğlü</i>	Lecture Tubulointerstitial Diseases <i>G. Kantarcı</i>	Independent Learning	Lecture Reproductive, Maternal and Child Health II <i>H. A. Taşyikan</i>
12.50- 14.00	LUNCH BREAK				
14.00- 14.50	ICP-CSL Clinical Breast Examination <i>K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın</i>	Lecture Nephritic and Nephrotic Syndrome <i>T. Coşkun</i>	Lecture Genetic disorders of gonadal development <i>A. Ç. Kuşkuç</i>	ICP-CSL Physical Examination of the Newborn and Child Patient <i>Ç. Ayanoğlu / M. Berber</i>	ELECTIVE COURSE WEEK V
15.00- 15.50	Group B Small Group Study SRPC Group A ICP Group C IL Group D IL	Lecture General Approach to the Pregnant Woman <i>Ö. Tannöver</i>	Lecture Genetic disorders of gonadal development <i>A. Ç. Kuşkuç</i>	Group A IL Group B IL Group C ICP-CSL Group D ICP-CSL	
16.00- 16.50		Lecture Embryology <i>O. Alagöz</i>	Lecture Phytotherapy-VII <i>M. E. Celep</i>		Independent Learning
17.00-17.50	Independent Learning	Independent Learning	Lecture Phytotherapy-VIII <i>M. E. Celep</i>	Independent Learning	

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK VII / 14 – 18 Mar 2022

	Monday 14-Mar-2021	Tuesday 15-Mar-2022	Wednesday 16-Mar-2022	Thursday 17-Mar-2022	Friday 18-Mar-2022	
09.00- 09.50	NATIONAL DOCTORS' DAY	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
10.00- 10.50					COMMITTEE EXAM	
11.00- 11.50						
12.00- 12.50						
12.50- 14.00	LUNCH BREAK				Program Evaluation Session Committee IV Coordination Committee Members	
14.00- 14.50	NATIONAL DOCTORS' DAY	Independent Learning	Independent Learning	Independent Learning	ELECTIVE WEEK VI	Independent Learning
15.00- 15.50						
16.00- 16.50					Independent Learning	ELECTIVE WEEK VI
17.00-17.50						

COMMITTEE V - NERVOUS SYSTEM AND PSYCHIATRY

DISTRIBUTION of LECTURE HOURS

March 21, 2022 – May 6, 2022

COMMITTEE DURATION: 7 WEEKS

MED 302	INTRODUCTION to CLINICAL SCIENCES	ABBR.	THEO.	PRAC.	LAB/CSL	DISCUSSION	TOTAL	
DISCIPLINE	NEUROSURGERY	NRS	15	1x2=2 (2 Groups)			17	
	NEUROLOGY	NR	13	1x4=4 (2 Groups)			17	
	PHARMACOLOGY	PC	17				17	
	PATHOLOGY	PT	11		1x2=2 (2 Groups)		13	
	PSYCHIATRY	PCH	12				12	
	PEDIATRICS	PED	4				4	
	PUBLIC HEALTH	PH	4				4	
	FAMILY MEDICINE	FM	3				3	
	BIOSTATISTICS	BS	3				3	
	CHILD PSYCHIATRY	C-PCH	3				3	
	MEDICAL GENETICS	MG	3				3	
	OPHTHALMOLOGY	OPT	3				3	
	PATHOPHYSIOLOGY	PP	2				2	
	IMMUNOLOGY	IMM	2				2	
	INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY	IDCM	2				2	
	RADIOLOGY	RAD	1				1	
	EMERGENCY MEDICINE	EM	1				1	
	INTERDISCIPLINARY	MCDP					2	2
		TOTAL		99	6	2	2	109
	OTHER COURSES							
	SCIENTIFIC RESEARCH and PROJECT COURSE-III	SRPC				1x2=2 (4 Groups)	2	
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III			2x3=6 (4 Groups)		6	
	TOTAL		100	6	8	4	117	
	INDEPENDENT LEARNING						103	

Coordination Committee

HEAD	Okan Taycan, MD, Assoc. Prof.
SECRETARY	Hakan Şilek, MD, Assist. Prof.
MEMBER	Vildan Öztürk, MD, Assist. Prof.
MEMBER	Okan Taycan, MD, Assoc. Prof.
MEMBER	Erdem Söztutar, MD, Assist. Prof.

**COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY
LECTURERS**

MED 302 INTRODUCTION to CLINICAL SCIENCES	
DISCIPLINE	LECTURERS
NEUROLOGY	Berrin Aktekin, MD, Prof. Halide Rengin Bilgen, MD Hakan Şilek, MD
PSYCHIATRY	Hakan Atalay, MD, Assoc. Prof. Okan Taycan, MD, Assoc. Prof. Serhat Tunç, MD, Assoc. Prof.
CHILD PSYCHIATRY	Oğuzhan Zahmacioğlu, MD, Assoc. Prof
NEUROSURGERY	M.Gazi Yaşargil, MD, Prof. Uğur Türe, MD, Prof. Ahmet Hilmi Kaya, MD, Prof. Aikaterini Panteli, MD, Assist. Prof.
PATHOLOGY	Aydın Sav, MD, Prof.
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, Prof.
PHARMACOLOGY	Ece Genç, PhD, Prof. Emine Nur Özdamar, MD, Assist. Prof.
PEDIATRICS	Mustafa Berber, MD, Assist. Prof.
PUBLIC HEALTH	Recep Erol Sezer, MD, Prof.
FAMILY MEDICINE	Güldal İzbırak, MD, Assoc. Prof. Özlem Tanrıöver, MD, Prof.
RADIOLOGY	O. Melih Topçuoğlu, MD, Assoc. Prof.
MEDICAL GENETICS	Ayşegül Çınar Kuşkuç, MD, Assist. Prof.
INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY	Meral Sönmezoğlu, MD, Prof.
OPHTALMOLOGY	Vildan Öztürk, MD, Assist. Prof.
BIostatISTICS	Çiğdem Keleş, PhD, Assist. Prof.
EMERGENCY MEDICINE	Cem Şimşek, MD, Assist. Prof.
IMMUNOLOGY	Gülderen Yanıkkaya Demirel, MD, PhD, Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT COURSE-III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Emin Özcan, MD, Assoc. Prof. Yüksel Dede, MD Hakan Atalay, MD, Assoc. Prof. Okan Taycan, MD, Prof. Oğuzhan Zahmacioğlu, MD Assoc. Prof. Serhat Tunç, MD, Assoc. Prof. Ali Bakan, MD, Assoc. Prof. Sibel Bolukçu, MD,

COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY

AIMS and LEARNING OBJECTIVES

AIMS

The aim of this committee is to convey fundamental knowledge on the prevention measures, etiology, pathophysiology, clinical symptoms and signs, differential diagnosis and pharmacology of drugs used in nervous and psychiatric clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency. In addition to nervous and psychiatric clinical conditions, this committee aims to convey necessary knowledge on ethical problems, biostatistical knowledge required in the design of medical research and to convey necessary knowledge on the genetic basis of clinical conditions, and immune response.

LEARNING OBJECTIVES OF NERVOUS SYSTEM and PSYCHIATRY

In evidence based manner, and related to conditions which are frequent in community and/or pose high risk for individual or community health, and/or life threatening or constitute an emergency, at the primary health care level; at the end of this committee, the student should be able to:

1. to recall knowledge on anatomy, histology, and physiology of nervous system,
2. to define etiopathogenesis of clinical conditions related to nervous system and psychiatry,
3. to explain epidemiology of clinical conditions related to nervous system and and psychiatry,
4. to explain prevention of clinical conditions, and protection or improvement of health against those clinical conditions related to nervous system and psychiatry,
5. to explain mechanisms of occurrence for frequently encountered clinical complaints, symptoms, signs, and findings in clinical conditions related to nervous system and psychiatry,
6. to explain together with performance measures on health care processes, clinical decision making process, clinical decisions and clinical practices required for managing clinical conditions related to nervous system and psychiatry,
7. to convey knowledge on pharmacology of drugs that are effective on nervous system or on clinical conditions involving nervous system and psychiatry,
8. to convey necessary knowledge on genetic basis of clinical conditions related to nervous system and psychiatry,
9. to define design and biostatistical analysis of survival research,
10. to define ethical problems encountered in health care service and utilization, and on principles of solutions,

**COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY
COMMITTEE ASSESSMENT MATRIX**

PHASE III						
COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES						
COURSE COMPONENT: COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY						
QUESTION DISTRIBUTION TABLE						
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
7	PC	E. Genç E. N. Özdamar	14	5	5	24
1 – 6	NRS	M.G. Yaşargil U. Türe A.H. Kaya A. Panteli	14	5	5	24
1 – 6	NR	B. Aktekin H. Şilek H. R. Bilgen	12	4	4	20
1 – 6	PCH	O. Taycan S. Tunç H. Atalay	10	4	4	18
2	PT	A. Sav	9	3	3	15
1 – 6	PED	M. Berber	4	1	1	6
5	IMM	G. Y. Demirel	2	1	1	4
3 – 4	PH	R.E. Sezer	3	1	1	5
6	FM	G. İzbırak Ö. Tanrıöver	4	1	1	6
9	BS	Ç. Keleş	3	1	1	5
8	MG	A.Ç. Kuşkuçcu	3	1	1	5
1 – 6	C-PCH	O. Zahmacioğlu	3	1	1	5
1 – 6	OPT	V. Öztürk	3	1	1	5
5	PP	M. Kaçar	2	1	1	4
5	IDCM	M. Sönmezoğlu	2	1	1	4
5	RAD	O.M. Topçuoğlu	1	0	0	1
5	EM	C. Şimşek	1	0	0	1
TOTAL			90	31	31	152
LEARNING OBJECTIVE	FACULTY DEPARTMENT	LECTURER/INSTR UCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
1 – 6	NR	B. Aktekin	2	-	-	2
1 – 6	PCH	H. Atalay	2	-	-	2
1 – 6	NRS	U. Türe	1	-	-	1
TOTAL			5	-	-	5

CS*= 90 pts (MCQ) + 10 pts (EMQ) = 100 points

*Each MCQ has a value of 1 points; each EMQ question has a value of 2 points.

Abbreviations

MCQ: Multiple Choice Question

EMQ: Extending Matching Question

CE: Committee Exam

CS: Committee Score

FE: Final Exam

ICE: Incomplete Exam

pts: Points

****31** out of 200 FE and ICE MCQs will be from Committee V (Each question is worth 0.5 points).

COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY
WEEK 1 / 21 – 25 Mar 2022

	Monday 21-Mar-2022	Tuesday 22-Mar-2022	Wednesday 23-Mar-2022	Thursday 24-Mar-2022	Friday 25-Mar-2022	
09.00- 09.50	Independent Learning	Lecture Pathology of Myelin & Neuronal Storage Diseases I <i>A. Sav</i>	Lecture Epilepsy <i>B. Aktekin</i>	Independent Learning	Lecture Pharmacological Approach to Parkinsonism & Other Movement Disorders I <i>E. Genç</i>	
10.00- 10.50	Lecture Signs and Symptoms in Neurology <i>B. Aktekin</i>	Lecture Pathology of Myelin & Neuronal Storage Diseases II <i>A. Sav</i>	Lecture Clinical Presentation, Anatomic Concepts and Diagnosis in a Neurosurgical Patient <i>A. Panteli</i>	Lecture Surgical Neuroanatomy <i>U. Türe</i>	Lecture Pharmacological Approach to Parkinsonism & Other Movement Disorders II <i>E. Genç</i>	
11.00- 11.50	Lecture Cranial Nerves I <i>B. Aktekin</i>	Lecture Developmental Disorders of CNS <i>A. Sav</i>	Lecture Spinal Cord Compression and Spinal Tumors <i>A. H. Kaya</i>	Lecture Cerebrovascular Diseases in Neurosurgery I <i>U. Türe</i>	Lecture Headache in Neurologic Patient <i>H. Şilek</i>	
12.00- 12.50	Lecture Cranial Nerves II <i>B. Aktekin</i>	Lecture Introduction to Central Nervous System Pharmacology <i>E. Genç</i>	Lecture Degenerative Diseases of the Spine and the Spinal Cord <i>A. H. Kaya</i>	Lecture Cerebrovascular Diseases in Neurosurgery II <i>U. Türe</i>	Lecture Extrapyramidal System Disorders <i>H. Şilek</i>	
12.50 – 14.00	LUNCH BREAK					
14.00- 14.50	Lecture Pathophysiology of Nervous System Diseases I <i>M. Kaçar</i>	Lecture Demyelinating Disorders I <i>R. Bilgen</i>	Lecture Public Health and Aging I <i>R. E. Sezer</i>	Lecture Neuroimmunological Disorders <i>G. Yanıkkaya Demirel</i>	ELECTIVE WEEK VII – MIDTERM EXAM	Independent Learning
15.00- 15.50	Lecture Pathophysiology of Nervous System Diseases II <i>M. Kaçar</i>	Lecture Demyelinating Disorders II <i>R. Bilgen</i>	Lecture Public Health and Aging II <i>R. E. Sezer</i>	Lecture Neuroimmunological Disorders <i>G. Yanıkkaya Demirel</i>		
16.00- 16.50	Independent Learning	Lecture Approach to Intoxicated Patient <i>C. Şimşek</i>	Independent Learning	Independent Learning	Independent Learning	ELECTIVE WEEK VII – MIDTERM EXAM
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning		

IL: Independent Learning, CSL: Clinical Skills Learning, YH: Yeditepe University Hospital. Student groups for laboratory/practice sessions will be announced by coordinators.

COMMITTEE V - NERVOUS SYSTEM and PYSCHIATRY
WEEK II / 28 Mar – 1 Apr 2022

	Monday 28-Mar-2022	Tuesday 29-Mar-2022	Wednesday 30-Mar-2022	Thursday 31-Mar-2022	Friday 1-Apr-2022	
09.00- 09.50	Lecture Hydrocephalus A. H. Kaya	Independent Learning	OSCE EXAM	OSCE EXAM	OSCE EXAM	
10.00- 10.50	Lecture Functional Neurosurgery A. H. Kaya	Independent Learning				
11.00- 11.50	Lecture Spinal Trauma in Neurosurgery A. H. Kaya	Lecture Paralytic Strabismus and Nistagmus V. Öztürk				
12.00- 12.50	Lecture Cranial Trauma in Neurosurgery A. H. Kaya	Lecture Conventional Neuroradiological Examinations O. M. Topçuoğlu				
12.50 – 14.00	LUNCH BREAK					
14.00- 14.50	Lecture Neurodegenerative Disorders I A. Sav	Lecture Infectious Disease of the Nervous System M. Berber	Lecture Peripheral Nerve Disorders H. Şilek	Lecture Cranial Trauma & Intracranial Hemorrhage I A. Sav	ELECTIVE WEEK VIII	Independent Learning
15.00- 15.50	Lecture Neurodegenerative Disorders II A. Sav	Lecture Neurodegenerative Disorders M. Berber	Lecture Cerebrovascular Disease H. Şilek	Lecture Cranial Trauma & Intracranial Hemorrhage II A. Sav		
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning	ELECTIVE WEEK VIII
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning		

**COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY
WEEK III / 4 – 8 Apr 2022**

	Monday 4-Apr-2022	Tuesday 5-Apr-2022	Wednesday 6-Apr-2022				Thursday 7-Apr-2022	Friday 8-Apr-2022					
09.00- 09.50	Lecture Tumors of CNS I A. Sav	Independent Learning	Neurosurgery Clinical Training A. H. Kaya		Neurology Clinical Training H.Şilek		Pathology Laboratory Lecture Nervous System A.Sav						
10.00- 10.50	Lecture Tumors of CNS II A. Sav	Lecture Antiepileptics E. Genç	Group A	Group B	Group C	Group D	Pathology Laboratory Lecture Nervous System A.Sav						
11.00- 11.50	Lecture Intracranial Tumors II M. Gazi Yaşargil	Lecture Culture, Health and Illness R. E. Sezer	Lecture Genetic Etiology of Mental Retardation I A. Ç. Kuşkucu				Pathology Laboratory Lecture Nervous System A.Sav						
12.00- 12.50	Lecture Intracranial Tumors I M. Gazi Yaşargil	Lecture Behavioral Determinants of Health and Disease R. E. Sezer	Lecture Genetic Etiology of Mental Retardation II A. Ç. Kuşkucu				Pathology Laboratory Lecture Nervous System A.Sav						
12.50 – 14.00	LUNCH BREAK												
14.00- 14.50	Lecture Approach to Smoking Patient in Primary Care Ö. Tanrıöver	Lecture Diseases of Optic Nerves and Visual Fields V. Öztürk	Lecture Neurosurgical Infections A. Panteli				ICP-CSL Neurological Examination & Psychiatric Examination E. Özcan / Y. Dede / O. Taycan / O. Zahmacıoğlu / H. Atalay / S. Tunç						
15.00- 15.50	Lecture Cerebral Lobes and their Disorders R. Bilgen	Lecture Pupilla V. Öztürk	Lecture Pediatric Neurosurgery A. Panteli				Group A IL	Group B IL	Group C ICP	Group D Small Group Study SRPC	ELECTIVE WEEK IX		Independent Learning
16.00- 16.50	Lecture Dementia R. Bilgen	Lecture Neurological Emergencies R. Bilgen	Lecture Peripheral Nerve Compression Syndromes A. Panteli								Independent Learning		ELECTIVE WEEK IX
17.00-17.50	Independent Learning	Independent Learning	Independent Learning								Independent Learning		ELECTIVE WEEK IX

COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY
WEEK IV / 11 – 15 Apr 2022

	Monday 11-Apr-2022	Tuesday 12-Apr-2022	Wednesday 13-Apr-2022				Thursday 14-Apr-2022				Friday 15-Apr-2022	
09.00- 09.50	Lecture Analysis of Survival Studies I Ç. Keleş	Lecture Introduction to Psychiatry O. Taycan	ICP-CSL General Physical Examination A. Bakan / S. Bolukçu				ICP-CSL Neurological Examination & Psychiatric Examination E. Özcan / Y. Dede / O. Taycan / O. Zahmacioğlu / H. Atalay / S. Tunç				Independent Learning	
10.00- 10.50	Lecture Analysis of Survival Studies II Ç. Keleş	Lecture Psychiatric Interview, History O. Taycan	Group A ICP	Group B IIL	Group C IIL	Group D IIL	Group A Small Group Study SRPC	Group B ICP	Group C IIL	Group D IIL	Independent Learning	
11.00- 11.50	Lecture Psychiatric Epidemiology and Classification S. Tunç	Lecture Acute and Chronic Meningitis, Encephalitis I M. Sönmezoğlu									Lecture Local Anesthetics E. Genç	
12.00- 12.50	Lecture Antimigraine Drugs E. N. Özdamar	Lecture Acute and Chronic Meningitis, Encephalitis II M. Sönmezoğlu	Independent Learning				Independent Learning				Lecture General Anesthetics E. Genç	
12.50 – 14.00	LUNCH BREAK											
14.00- 14.50	Lecture Infectious Diseases of CNS I A. Sav	Lecture Design of Survival Studies Ç. Keleş	ICP-CSL Neurological Examination & Psychiatric Examination E. Özcan / Y. Dede / O. Taycan / O. Zahmacioğlu / H. Atalay / S. Tunç				ICP-CSL General Physical Examination A. Bakan / S. Bolukçu				ELECTIVE WEEK X	Independent Learning
15.00- 15.50	Lecture Infectious Diseases of CNS II A. Sav	Lecture General Physical Examination A. Bakan / S. Bolukçu	Group A ICP	Group B Small Group Study SRPC	Group C IIL	Group D IIL	Group A IIL	Group B ICP	Group C IIL	Group D IIL	Independent Learning	
16.00- 16.50	Independent Learning	Independent Learning									Independent Learning	ELECTIVE WEEK X
17.00-17.50	Independent Learning	Independent Learning	Independent Learning				Independent Learning				Independent Learning	ELECTIVE WEEK X

**COMMITTEE V - NERVOUS SYSTEM AND PSYCHIATRY
WEEK V / 18 – 22 Apr 2022**

	Monday 18-Apr-2022	Tuesday 19-Apr-2022	Wednesday 20-Apr-2022	Thursday 21-Apr-2022	Friday 22-Apr-2022	
09.00- 09.50	Lecture Depression in Primary Care G. İzbirak	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
10.00- 10.50	Lecture Approach to the Patient with Dementia in Primary Care G. İzbirak	Independent Learning				
11.00- 11.50	Lecture Drug Dependence & Abuse E. Genç	Lecture Developmental Psychopathology: Risk and Protective Factors in Mental Development O. Taycan	Lecture Neuroscience I H. Atalay	Lecture Opioid Analgesics & Antagonists I E. Genç		
12.00- 12.50	Lecture The Alcohols E. Genç	Lecture Signs and Symptoms in Psychiatry O. Taycan	Lecture Neuroscience II H. Atalay	Lecture Opioid Analgesics & Antagonists II E. Genç		
12.50 – 14.00	LUNCH BREAK					
14.00- 14.50	Lecture Genetic Aspects of Psychiatric Disorders A. Ç. Kuşkucu	Lecture Schizophrenia Spectrum and Other Psychotic Disorders I S. Tunç	Lecture Bipolar Disease & Lithium E. N. Özdamar	Lecture Introduction to Child and Adolescent Psychiatry O. Zahmacioğlu	ELECTIVE WEEK XI	Independent Learning
15.00- 15.50	Lecture Antidepressant Drugs E. N. Özdamar	Lecture Schizophrenia Spectrum and Other Psychotic Disorders II S. Tunç	Lecture Antipsychotic Drugs E. N. Özdamar	Lecture Common Childhood Psychiatric Problems O. Zahmacioğlu		
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning	ELECTIVE WEEK XI
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning		

**COMMITTEE V - NERVOUS SYSTEM AND PSYCHIATRY
WEEK VI / 25 – 29 Apr 2022**

	Monday 25-Apr-2022	Tuesday 26-Apr-2022	Wednesday 27-Apr-2022	Thursday 28-Apr-2022	Friday 29-Apr-2022
09.00- 09.50	Independent Learning	Independent Learning	ICP-CSL General Physical Examination <i>A. Bakan / S. Bolukçu</i>	ICP-CSL Neurological Examination & Psychiatric Examination <i>E. Özcan / Y. Dede / O. Taycan / O. Zahmacioğlu / H. Atalay / S. Tunç</i>	ICP-CSL General Physical Examination <i>A. Bakan / S. Bolukçu</i>
10.00- 10.50	Independent Learning	Independent Learning	Group A IL	Group A IL	Group A IL
11.00- 11.50	Lecture Sedative / Hypnotic Drugs I <i>E. Genç</i>	Lecture Mental Development in Childhood and Adolescence <i>O. Zahmacioğlu</i>	Group B IL	Group B IL	Group B IL
12.00- 12.50	Lecture Sedative / Hypnotic Drugs II <i>E. Genç</i>	Lecture CNS Stimulants and Hallucinogenic Drugs <i>E. Genç</i>	Group C IL	Group C Small Group Study SRPC	Group C ICP
12.50 – 14.00	Independent Learning	Independent Learning	Group D ICP	Group D ICP	Group D IL
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Mood Disorders I <i>H. Atalay</i>	Multidisciplinary Case Discussion Panel	Independent Learning	Independent Learning	ELECTIVE WEEK XII
15.00- 15.50	Lecture Mood Disorders II <i>H. Atalay</i>	Multidisciplinary Case Discussion Panel		Independent Learning	Independent Learning
16.00- 16.50	Lecture Anxiety Disorders: An Introduction <i>H. Atalay</i>	Independent Learning		Independent Learning	Independent Learning
17.00-17.50	Independent Learning	Independent Learning		Independent Learning	ELECTIVE WEEK XII

**COMMITTEE V - NERVOUS SYSTEM AND PSYCHIATRY
WEEK VII / 2 – 6 May 2022**

	Monday 2-May-2022	Tuesday 3-May-2022	Wednesday 4-May-2022	Thursday 5-May-2022	Friday 6-May-2022	
09.00- 09.50	RAMADAN FEAST	RAMADAN FEAST	RAMADAN FEAST	Independent Learning	Independent Learning	
10.00- 10.50					Independent Learning	
11.00- 11.50					COMMITTEE EXAM	
12.00- 12.50					COMMITTEE EXAM	
12.50 – 14.00	LUNCH BREAK				Program Evaluation Session Committee V Coordination Committee Members	
14.00- 14.50	RAMADAN FEAST	RAMADAN FEAST	RAMADAN FEAST	Independent Learning	ELECTIVE WEEK XIII	Independent Learning
15.00- 15.50					ELECTIVE WEEK XIII	
16.00- 16.50					Independent Learning	ELECTIVE WEEK XIII
17.00-17.50					Independent Learning	ELECTIVE WEEK XIII

COMMITTEE VI - MUSCULOSKELETAL SYSTEM

DISTRIBUTION of LECTURE HOURS

May 9, 2022 – June 10, 2022

COMMITTEE DURATION: 5 WEEKS

MED 302	INTRODUCTION to CLINICAL SCIENCES	ABBR.	THEO.	PRAC.	LAB/CSL	DISCUSSION	TOTAL	
DI S C I P L I N E	ORTHOPAEDICS & TRAUMATOLOGY	ORT	19				19	
	PATHOLOGY	PT	13		1x2=2 (4 Groups)		15	
	RHEUMATOLOGY	RHE	9				9	
	PHARMACOLOGY	PC	5				5	
	PHYSICAL MEDICINE AND REHABILITATION	PTR	4				4	
	PUBLIC HEALTH	PH	4				4	
	BIOSTATISTICS	BS	3				3	
	PATHOPHYSIOLOGY	PP	2				2	
	IMMUNOLOGY	IMM	2				2	
	MEDICAL GENETICS	MG	2				2	
	EMERGENCY MEDICINE	EM	2				2	
	RADIOLOGY	RAD	1				1	
	INTERDISCIPLINARY	MCDP				2	2	
	TOTAL		66		2	2	70	
	OTHER COURSES							
	SCIENTIFIC RESEARCH and PROJECT COURSE-III	SRPC				1x2=2 (4 Groups)	2	
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III			1x3=3 (4 Groups)		3	
	TOTAL		66		5	4	75	
	INDEPENDENT LEARNING							81

Coordination Committee

HEAD	Müge Bıçakçığıl Kalaycı, MD, Assoc. Prof
SECRETARY	Onur Kocadal, MD, Assist. Prof.
MEMBER	Ebru Çayır, MD, Assist. Prof.
MEMBER	Sanem Aslıhan Aykan, MD, Assist. Prof.
MEMBER	Pınar Tura, MD, Assist. Prof.

**COMMITTEE VI - MUSCULOSKELETAL SYSTEM
LECTURERS**

MED 302 INTRODUCTION to CLINICAL SCIENCES	
DISCIPLINE	FACULTY
ORTHOPAEDICS & TRAUMATOLOGY	Faik Altıntaş, MD, Prof. Turhan Özler, MD, Assoc. Prof. Gökhan Meriç, MD, Assoc. Prof. Hakan Turan Çift, MD, Assoc. Prof. Onur Kocadal, MD, Assist. Prof. Burak Çağrı Aksu, MD, Assist. Prof.
PHYSICAL MEDICINE AND REHABILITATION	Sanem Aslıhan Aykan, MD, Assist. Prof.
RHEUMATOLOGY	Müge Bıçakçığıl Kalaycı, MD, Assoc. Prof
PATHOLOGY	Aydın Sav, MD, Prof. Ferda Özkan, MD, Prof.
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, Prof.
PHARMACOLOGY	Ece Genç, PhD, Prof. Emine Nur Özdamar, MD, Assist. Prof
IMMUNOLOGY	Gülderen Yanıkkaya Demirel, MD, PhD, Prof.
PUBLIC HEALTH	Recep Erol Sezer, MD, Prof Hale Arık Taşyikan, MD, Assist. Prof
MEDICAL GENETICS	Ayşegül Çınar Kuşkuç, MD, Assist. Prof.
RADIOLOGY	Neslihan Taşdelen, MD, Assoc. Prof.
EMERGENCY MEDICINE	Sezgin Sarıkaya, MD, Assoc. Prof Pınar Tura, MD, Assist. Prof.
BIOSTATISTICS	Çiğdem Keleş, PhD, Assist. Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT COURSE-III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Fırat Demircan, MD, Assist. Prof. Süleyman Orman, MD, Assoc. Prof. Burak Çağrı Aksu, MD, Assist. Prof. Cem Şimşek, MD, Assist. Prof. Hakan Turan Çift, MD, Prof. Gökhan Meriç, MD, Prof. Onur Kocadal, MD, Assoc. Prof.

**COMMITTEE VI - MUSCULOSKELETAL SYSTEM
AIMS and LEARNING OBJECTIVES**

AIMS

The aim of this committee is to convey fundamental knowledge on the prevention measures, etiology, pathophysiology, clinical symptoms and signs, differential diagnosis and pharmacology of drugs used in musculoskeletal system clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency. In addition to musculoskeletal clinical conditions, this committee aims to convey necessary knowledge on biostatistical knowledge required in the design of medical research and to convey necessary knowledge on genetic basis of clinical conditions and immune response.

LEARNING OBJECTIVES OF MUSCULOSKELETAL SYSTEM

In evidence based manner, and related to conditions which are frequent in community and/or pose high risk for individual or community health, and/or lifethreatening or constitute an emergency, at the primary health care level; at the end of this committee, the student should be able to:

1. to recall knowledge on histology and physiology of musculoskeletal system,
2. to define etiopathogenesis of clinical conditions related to musculoskeletal system
3. to explain epidemiology of clinical conditions related to musculoskeletal system
4. to explain prevention of clinical conditions, and protection or improvement of health against those clinical conditions related to musculoskeletal system,
5. to explain mechanisms of occurrence for frequently encountered clinical complaints, symptoms, signs and findings in clinical conditions related to musculoskeletal system,
6. to explain together with performance measures on health care processes, clinical decision making process, clinical decisions and clinical practices required for managing clinical conditions related to musculoskeletal system,
7. to convey knowledge on pharmacology of drugs that are effective on hematopoietic system or on clinical conditions involving musculoskeletal system,
8. to convey necessary knowledge on genetic basis of clinical conditions,
9. to explain principles of random sampling, confidence interval, and power analysis

COMMITTEE VI - MUSCULOSKELETAL SYSTEM COMMITTEE ASSESSMENT MATRIX

PHASE III

COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES						
COURSE COMPONENT: COMMITTEE VI - MUSCULOSKELETAL SYSTEM						
QUESTION DISTRIBUTION TABLE						
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
1-6	ORT	F. Altıntaş	24	7	7	38
		B. Ç. Aksu				
		T. Özler				
		G. Meriç				
		O. Kocadal				
		H. T. Çift				
2	PT	F. Özkan	18	4	4	26
		A. Sav				
1-6	RHE	M. Bıçakçığıl Kalaycı	13	3	3	19
7	PC	E. Genç	7	2	2	11
		E. N. Özdamar				
4	PH	R.E. Sezer	5	1	1	7
		H.A. Taşyikan				
4-5	PTR	S.A. Aykan	5	1	1	7
5	IMM	G. Y. Demirel	3	1	1	5
9	BS	Ç. Keleş	4	1	1	6
2	PP	M. Kaçar	3	1	1	5
8	MG	A.Ç. Kuşkuçcu	3	0	0	3
5-6	EM	S. Sarıkaya	4	1	1	6
		P. Tura				
6	RAD	N. Taşdelen	1	0	0	1
TOTAL			90	22	22	134
LEARNING OBJECTIVE	FACULTY DEPARTMENT	LECTURER / INSTRUCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
1.0.-6.0	RHE	M. Bıçakçığıl Kalaycı	2	-	-	2
1.0-6.10	ORT	O. Kocadal	2	-	-	2
1.0-6.0	PTR	S. A. Aykan	1	-	-	1
TOTAL			5	-	-	5

CS*= 90 pts (MCQ) + 10 pts (EMQ) = 100 points

*Each MCQ has a value of 1 points; each EMQ question has a value of 2 points.

Abbreviations

MCQ: Multiple Choice Question

EMQ: Extending Matching Question

CE: Committee Exam

CS: Committee Score

FE: Final Exam

ICE: Incomplete Exam

pts: Points

****21** out of 200 FE and ICE MCQs will be from Committee VI (Each question is worth **0.5** pts).

COMMITTEE VI - MUSCULOSKELETAL SYSTEM
WEEK I / 9 May – 13 May 2022

	Monday 9-May-2022	Tuesday 10-May-2022	Wednesday 11-May-2022	Thursday 12-May-2022	Friday 13-May-2022	
09.00- 09.50	Lecture Introduction to Musculoskeletal System F. Altıntaş	Lecture Degenerative Joint Disease F. Özkan	Lecture Osteoporosis and Osteoarthritis Treatment, Rehabilitation S. Aykan	ICP-CSL (Physical Examination of the Musculoskeletal System) H. T. Çift / O. Kocadal / G. Meriç	Lecture Public Health and Physical Activity I R. E. Sezer	
10.00- 10.50	Lecture Degenerative Osteoarthritis F. Altıntaş	Lecture Tumors of Soft Tissues I F. Özkan	Lecture Soft Tissue Pain S. Aykan	Group A ICP Group B Small Group Study SRPC Group C IL Group D IL	Lecture Public Health and Physical Activity II R. E. Sezer	
11.00- 11.50	Lecture Pathophysiology of Musculoskeletal System Disorders I M. Kaçar	Lecture Tumors of Soft Tissues II F. Özkan	Lecture Bone and Joint Infections A. Sav		Lecture Vasculitis I A. Sav	
12.00- 12.50	Lecture Pathophysiology of Musculoskeletal System Disorders II M. Kaçar	Lecture Frostbite / Burns P. Tura	Lecture Myopathies A. Sav	Independent learning	Lecture Vasculitis II A. Sav	
12.50 – 14.00	LUNCH BREAK					
14.00- 14.50	Lecture Congenital & Metabolic Diseases of Bone I A. Sav	Lecture Spondylarthropaties M. Bıçakçığıl Kalaycı	Lecture Foot Deformities B. Ç. Aksu	Independent Learning	ELECTIVE WEEK XIV	Independent Learning
15.00- 15.50	Lecture Congenital & Metabolic Diseases of Bone II A. Sav	Lecture Inflammatory Polyarthritis & Rheumatoid Arthritis M. Bıçakçığıl Kalaycı	Lecture Principles of Fracture Healing B. Ç. Aksu		Independent Learning	ELECTIVE WEEK XIV
16.00- 16.50	Independent Learning	Independent Learning	Lecture Initial Approach to Trauma Patient S. Sarıkaya		Independent Learning	ELECTIVE WEEK XIV
17.00-17.50	Independent Learning	Independent Learning	Independent Learning		Independent Learning	ELECTIVE WEEK XIV

IL: Independent Learning, CSL: Clinical Skills Learning, YH: Yeditepe University Hospital. Student groups for laboratory/practice sessions will be announced by coordinators.

COMMITTEE VI - MUSCULOSKELETAL SYSTEM
WEEK II / 16-20 May 2022

	Monday 16-May-2022	Tuesday 17-May-2022	Wednesday 18-May-2022	Thursday 19-May-2022	Friday 20-May-2022
09.00- 09.50	Lecture Imaging of Musculoskeletal System N. Taşdelen	Lecture Osteomyelitis O. Kocadal	ICP-CSL Suturing Technique F. Demircan / S. Orman / B. Aksu / C. Şimşek	ICP-CSL Physical Examination of the Musculoskeletal System H. T. Çift / O. Kocadal / G. Meriç	Lecture Lower Extremity Trauma G. Meriç
10.00- 10.50	Lecture Miscellaneous Rheumatological Disorders I M. Bıçakçığıl Kalaycı	Lecture Septic Arthritis O. Kocadal	Group A Small Group Study SRPC Group B ICP Group C IL Group D IL	Group A Small Group Study SRPC Group B ICP Group C IL Group D IL	Lecture Traumatic Dislocations G. Meriç
11.00- 11.50	Lecture Miscellaneous Rheumatological Disorders II M. Bıçakçığıl Kalaycı	Lecture Development Dysplasia of the Hip O. Kocadal			Lecture Spinal Trauma G. Meriç
12.00- 12.50	Lecture Miscellaneous Rheumatological Disorders III M. Bıçakçığıl Kalaycı	Lecture Upper Extremity Trauma O. Kocadal	Independent Learning	Independent Learning	Lecture Skeletal Dysplasias A. Ç. Kuşkucu
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Neck, Shoulder and Wrist Pain S. Aykan	ICP-CSL Suturing Technique F. Demircan / S. Orman / B. Aksu / C. Şimşek	ICP-CSL Physical Examination of the Musculoskeletal System H. T. Çift / O. Kocadal / G. Meriç	ICP-CSL Physical Examination of the Musculoskeletal System H. T. Çift / O. Kocadal / G. Meriç	Independent Learning
15.00- 15.50	Lecture Low Back, Hip and Ankle Pain S. Aykan	Group A IL Group B IL Group C Small Group Study SRPC Group D ICP	Group A IL Group B IL Group C Small Group Study SRPC Group D ICP	Group A IL Group B IL Group C ICP Group D Small Group Study SRPC	Independent Learning
16.00- 16.50	Lecture Epidemiology, Prevention and Control of Occupational Diseases and Injuries I H.A. Taşyikan				Independent Learning
17.00-17.50	Lecture Epidemiology, Prevention and Control of Occupational Diseases and Injuries II H.A. Taşyikan	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**COMMITTEE VI - MUSCULOSKELETAL SYSTEM
WEEK III / 23-27 May 2022**

	Monday 23-May-2022				Tuesday 24-May-2022	Wednesday 25-May-2022	Thursday 26-May-2022	Friday 27-May-2022
09.00- 09.50	ICP-CSL Suturing Technique F. Demircan / S. Orman / B. Aksu / C. Şimşek				Independent Learning	Lecture Connective Tissue Disorders I M. Bıçakçığıl Kalaycı	Lecture Spinal Deformities H. T. Çift	Lecture Management of the Trauma Patient T. Özler
10.00- 10.50	Group A IL	Group B IL	Group C ICP	Group D Small Group Study SRPC	Independent Learning	Lecture Connective Tissue Disorders II M. Bıçakçığıl Kalaycı	Lecture Osteoporosis H. T. Çift	Lecture Complications of Fractures G. Meriç
11.00- 11.50					Lecture Some Common Problems in Medical Research Ç. Keleş	Lecture Nonsteroidal Antiinflammatory Drugs I E. Genç	Lecture Benign Tumors of Bone H. T. Çift	Independent Learning
12.00- 12.50	Independent Learning				Lecture Power Analysis and Sample Size Calculation I Ç. Keleş	Lecture Nonsteroidal Antiinflammatory Drugs II E. Genç	Lecture Malignant Tumors of Bone H. T. Çift	Independent Learning
12.50 – 14.00	LUNCH BREAK							
14.00- 14.50	ICP-CSL Suturing Technique F. Demircan / S. Orman / B. Aksu / C. Şimşek				Independent Learning	Independent Learning	Independent Learning	Independent Learning
15.00- 15.50	Group A ICP	Group B Small Group Study SRPC	Group C IL	Group D IL				
16.00- 16.50								
17.00-17.50	Independent Learning							

**COMMITTEE VI - MUSCULOSKELETAL SYSTEM
WEEK IV / 30 May-3 June 2022**

	Monday 30-May-2022	Tuesday 31-May-2022	Wednesday 1-Jun-2022	Thursday 2-Jun-2022	Friday 3-Jun-2022	
09.00- 09.50	Lecture Disease Modifying Antirheumatic Drugs <i>Pharmacology Lecturer</i>	Lecture Autopsy I <i>A. Sav</i>	Lecture Vasculitis I <i>M. Bıçakçığıl Kalaycı</i>	Independent Learning	Independent Learning	
10.00- 10.50	Lecture Pharmacology Case Studies <i>Pharmacology Lecturer</i>	Lecture Autopsy II <i>A. Sav</i>	Lecture Vasculitis II <i>M. Bıçakçığıl Kalaycı</i>			
11.00- 11.50	Lecture Immune Mechanisms of Musculoskeletal Disorders <i>G. Yanikkaya Demirel</i>	Lecture Power Analysis and Sample Size Calculation II <i>Ç. Keleş</i>	Lecture Management of Soft Tissue Disorders <i>T. Özler</i>			
12.00- 12.50	Lecture Immune Mechanisms of Musculoskeletal Disorders <i>G. Yanikkaya Demirel</i>	Lecture Muscular Dystrophies <i>A. Ç.Kuşkucu</i>	Lecture Fractures of Children <i>T. Özler</i>			
12.50 – 14.00	LUNCH BREAK					
14.00- 14.50	Lecture Skeletal Muscle Relaxants <i>E. Genç</i>	Lecture Bone Tumors I <i>A. Sav</i>	Multidisciplinary Case Discussion Panel		Independent Learning	
15.00- 15.50	Independent Learning	Lecture Bone Tumors II <i>A. Sav</i>	Multidisciplinary Case Discussion Panel			
16.00- 16.50		Pathology Laboratory (Musculoskeletal System) <i>A.Sav / F. Özkan</i>	Group A	Group B <i>IL</i>		Independent Learning
17.00-17.50			Group A <i>IL</i>	Group B		Independent Learning

**COMMITTEE VI - MUSCULOSKELETAL SYSTEM
WEEK V / 6-10 Jun 2022**

	Monday 6-Jun-2022	Tuesday 7-Jun-2022	Wednesday 8-Jun-2022	Thursday 9-Jun-2022	Friday 10-Jun-2022
09.00- 09.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
10.00- 10.50					Independent Learning
11.00- 11.50					COMMITTEE EXAM
12.00- 12.50					COMMITTEE EXAM
12.50 – 14.00	LUNCH BREAK				Program Evaluation Session Committee VI Coordination Committee Members
14.00- 14.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

STUDENT COUNSELING

Student counseling is a structured development process established between the student and the consultant that aims to maximize student success by focusing the student to her/his target. Although the major component of this relationship is the student, the faculties also take part by bringing the requirements of this interaction to their systems. The targeted outcomes of the consultant-student interaction are success in the exams, success in the program, and preparation for professional life. The aim of counseling is to help students to solve their problems, to give professional guidance, to provide coaching, to contribute to adopting the habit of lifelong learning, to provide information about the University and Faculty, to follow their success and failure and to help them select courses. The consultants selected among Basic Medical Sciences instructors for the first three years transfer the students to Clinical Sciences instructors for the following three years.

The topics that will be addressed by the consultants are as follows:

- a. Inform students about the university, faculty and surrounding facilities
- b. Inform students about the courses and help them select courses
- c. Inform students about the education and assessment regulations
- d. Follow students attendance to lectures and success
- e. In case of failure, investigate the causes and cooperate with the students to overcome them
- f. Help students in career planning
- g. Contribute to students adapting the habit of lifelong learning
- h. Guide students to counseling services of the university
- i. Set a role model as long as the professional susceptibility, professional guidance, intellectual responsibility, interaction with peers, ethics, professional values are concerned
- j. Contribute to cultivation of professional and intellectual development in a rapidly changing world
- k. Inform the coordinator when there are unsolved problems of the students

Consultant-student relationship is a dynamic and mutual process carried out within the campus and the hospital. It is recommended that the consultant and the student meet at least twice during a semester.

The expectations from the student are as follows:

- a) Contribute to improvement of satisfaction level in the problem areas
- b) Report the social and economic conditions that require consultant's help
- c) Specify expectations from the education and the department from which this training is taken
- d) Give feedback on the counseling services regarding their satisfaction level

Student counsellors will be appointed after finalization of the class list and will be announced to the students.

After the announcement of the counsellors on the information board, each student is expected to contact his/her counsellor until the end of the current committee.

LIST OF STUDENT COUNSELING - PHASE III

	STUDENT			COUNSELOR
	STUDENT NO	NAME	SURNAME	NAME
1	20190800117	ELMIRA	ABDULLAYEVA	DR. ÖĞR. ÜYESİ MOHAMMED ELSAYED MOHAMMED ELGAZZAR
2	20190800020	LIYAN	ABU SHETAYYAH	DR. ÖĞR. ÜYESİ MOHAMMED ELSAYED MOHAMMED ELGAZZAR
3	20190800103	ELİF	ACAR	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
4	20190800013	ALİ	ADLI	PROF. TURGAY İSBİR
5	20190800077	FUAT TUNCA	AKCAN	PROF. ECE GENÇ
6	20200800013	DİLARA ECREN	ALAEDDİNOĞLU	PROF. DR. İNCİ ÖZDEN
7	20180800095	SERRA	ALARÇİN	PROF. ECE GENÇ
8	20190800114	NOOR	ALWAISSI	DR. ÖĞR. ÜYESİ AIKATERINI PANTELI
9	20190800036	AYŞE	ARICI	PROF. TURGAY İSBİR
10	20190800016	RABİA AYBÜKE	ARIKAN	PROF. RECEP EROL SEZER
11	20190800073	SEVGİ DEREN	ARSLAN	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
12	20210800013	ARDA	ARSLAN	DR. ÖĞR. ÜYESİ SITKI TIPLAMAZ
13	20190800004	AYLIN	ATES	DR. ÖĞR. ÜYESİ ARZU AKALIN
14	20210800037	ZEYNEL ADEL	AYCAN	DR. ÖĞR. ÜYESİ SITKI TIPLAMAZ
15	20190800071	BİLGESU	AYDIN	DR. ÖĞR. ÜYESİ ARZU AKALIN
16	20200800026	BARAN	BARIS	PROF. DR. RECEP EROL SEZER
17	20180800102	ELİF ASENA	BAŞ	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
18	20190800024	ÇAĞIN	BEKTAŞ	PROF. DR. MEHTAP KAÇAR
19	20210800159	HOOMEHR	BIGDELI	DR. ÖĞR. ÜYESİ SITKI TIPLAMAZ
20	20210800160	HORBOD	BIGDELI	DR. ÖĞR. ÜYESİ SITKI TIPLAMAZ
21	20190800055	BERFİN ECE	BİNGÜL	PROF. DR. ECE GENÇ
22	20190800035	ALKIM	BÜYÜKAŞIK	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
23	20180800117	DANIELA	CEDOLIN	DR.ÖĞR. ÜYESİ AIKATERINI PANTELI
24	20190800093	EGE CELİL	CEVANİ	PROF. DR. MEHTAP KAÇAR
25	20200800022	DEFNE	ÇERKEŞ	PROF. DR. MEHTAP KAÇAR
26	20190800109	BUSE EYLÜL	ÇETİN	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL
27	20190800087	İDİL	ÇETİN	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL
28	20190800015	ZEYNEP	ÇOLAKOĞLU	PROF. DR. MEHTAP KAÇAR
29	20190800112	TOKA	DABOUL	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
30	20190800038	BURCU SENA	DEMİRALP	PROF. DR. ÖZLEM TANRIÖVER
31	20180800110	AHMET	DEMİREZ	DR. ÖĞR. ÜYESİ ALEV CUMBUL
32	20190800062	KARAHAN	DEMİROĞLU	PROF. DR. ÖZLEM TANRIÖVER
33	20190800088	ZEYNEP	DENİZ	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
34	20190800070	AHMET	DEVELİOĞLU	DR. ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
35	20190800025	BİLAL FIKRET	DİŞKAYA	DR.ÖĞR. ÜYESİ AIKATERINI PANTELI
36	20190800106	AHMET	DOKUR	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL

37	20190800094	ASUDE ZEYNEP	DÖNMEZ	PROF. DR. SONER DOĞAN
38	20190800043	KEREM	DULUNDU	PROF. DR. SONER DOĞAN
39	20180800081	YAĞMUR NİSA	DURSUN	PROF. DR. SONER DOĞAN
40	20180800065	ALPEREN	EDİŞ	PROF. DR. SONER DOĞAN
41	20190800127	NURAN	EMBABSHA	DR. ÖĞR. ÜYESİ MOHAMMED ELSAYED MOHAMMED ELGAZZAR
42	20190800046	DOĞA	ERGÜN	DR. ÖĞR. ÜYESİ ÇİĞDEM KELEŞ
43	20190800072	GÖNÜL ECE	ERK	DOÇ. DR. AYLİN YABA UÇAR
44	20180800080	NADİN	ESEDOĞLU	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
45	20180800062	FATMA DİLAY	ESEN	DOÇ. DR. AYLİN YABA UÇAR
46	20200800141	IRIS ASLI	GÖK	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
47	20180800051	GÖKBERK	GÖKÇE	DR. ÖĞR. ÜYESİ HALE ARIK TAŞYIKAN
48	20180800093	DUYGU	GÖKHAN	DR. ÖĞR. ÜYESİ ALEV CUMBUL
49	20190800100	ÜMİT ENES	GÜLER	DOÇ. DR. DENİZ KIRAÇ
50	20190800044	SİMA	GÜLLÜ	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
51	20190800027	SERHUN TAYLAN	GÜLSOY	DR. ÖĞR. ÜYESİ ALEV CUMBUL
52	20190800075	MERT YAVUZ	GÜNERİ	DR. ÖĞR. ÜYESİ ALEV CUMBUL
53	20190800031	DESTİNA	GÜREL	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
54	20190800066	ELİF	GÜRKAN	DOÇ. DR. DENİZ KIRAÇ
55	20180800037	MELİKE	GÜRTEKİN	PROF. DR. İNCİ ÖZDEN
56	20190800017	SEMA	HAMAD AMEEN	DR. ÖĞR. ÜYESİ AIKATERINI PANTELI
57	20190800129	JANA	HAMDAN	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
58	20180800085	YAKUP	HANTA	DR. ÖĞR. ÜYESİ ARZU AKALIN
59	20200800016	AHMET ONUR	HİZAN	DOÇ. DR. AYLİN YABA UÇAR
60	20180800034	ÖMER FARUK	İNAN	DR. ÖĞR. ÜYESİ BİLGE GÜVENÇ TUNA
61	20180800103	HİLAL İZEL	İNCE	DR. ÖĞR. ÜYESİ BİLGE GÜVENÇ TUNA
62	20190800021	NIGAR	JAHED	DR. ÖĞR. ÜYESİ AIKATERINI PANTELI
63	20170800018	BARKIN	KAHVECİGİL	DR. ÖĞR. ÜYESİ SITKI TIPLAMAZ
64	20190800090	IRMAK	KANLIÇAY	DR. ÖĞR. ÜYESİ SERDAR ÖZDEMİR
65	20190800037	KAYRA	KAPRAN	DR. ÖĞR. ÜYESİ ARZU AKALIN
66	20200800142	SIDIKA MELINDA	KARA	DR. ÖĞR. ÜYESİ SERDAR ÖZDEMİR
67	20190800105	UMUT	KARADENİZ	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
68	20180800090	BARIŞ	KARAHAN	DR. ÖĞR. ÜYESİ SERDAR ÖZDEMİR
69	20190800068	ALİ YİĞİT	KARAORMAN	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
70	20200800143	HANDENUR	KAYMAN	DOÇ. DR. ÇAĞATAY ACUNER
71	20190800069	DOĞAN CAN	KILIÇARSLAN	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
72	20190800092	TAN	KORAL	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
73	20180800087	ATAKAN	KÜRTÜNLÜ	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
74	20190800084	EGEMEN	LAÇIN	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
75	20190800048	MERVE	LATİFİ	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
76	20190800067	RAUF KADİR	MAHRAMANLIOĞLU	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR

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78	20180800108	ESRA	MUAMMER	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
79	20200800019	EGEMEN	ÖZBEK	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
80	20190800080	ZEYNEP SU	ÖZKAN	DOÇ. DR. BURCU GEMİCİ
81	20180800111	ADEVİYE	ÖZSOY	DOÇ. DR. BURCU GEMİCİ
82	20190800058	KEREM	PARLAR	DOÇ. DR. BURCU GEMİCİ
83	20190800097	ELİF	PAŞALI	DOÇ. DR. BURCU GEMİCİ
84	20210800032	SELİN	PEKÇETİN	DR. ÖĞR. ÜYESİ SITKI TIPLAMAZ
85	20190800063	SELİN İLKE	PEKER	DR. ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
86	20190800034	EYLÜL	PEKİNCE	DOÇ. DR. BURCU GEMİCİ
87	20190800119	YARA	SAAD OTHMAN	DR.ÖĞR. ÜYESİ AIKATERINI PANTELI
88	20190800003	GİZEM	SATIRLI	DR.ÖĞR. ÜYESİ AIKATERINI PANTELI
89	20190800099	BORAN	SAYIN	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
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91	20190800123	RAMISH MEHMOOD NOOR	SHAIKH	DR.ÖĞR. ÜYESİ AIKATERINI PANTELI
92	20190800128	ADEL	SHRUFİ	DR.ÖĞR. ÜYESİ AIKATERINI PANTELI
93	20190800096	SENA LADİN	SICAKYÜZ	PROF. DR.İNCİ ÖZDEN
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99	20190800054	BEGÜM BİLGE	TINAZ	PROF. TURGAY İSBİR
100	20180800047	GİZEM	TOPUZ	PROF. RECEP EROL SEZER
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107	20190800060	MELİS	VURAL	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
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