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*"

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

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.

[1]Free 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,

[2]Common 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**	**360**
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, tisssue, 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 findings

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.
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, monitarization of drug therapy)*

5. radiological examinations: *(radiological examinations in gynecology, breast imaging, uroradiology, conventional neuroradiological examinations, spinal neuroradiology, cranial CT, cranial MRI, radiological imaging of musculoskeletal system, radiological examinations in benign ve malign tumors of bones)*
6. nuclear medicine examinations: *(nuclear medicine tests in infectious diseases, radionuclide ventriculography, myocardial scintigraphy, cardiac PET, ventilation/perfusion scintigraphyi, 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 scintigrahy (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 testsi: *(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 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,

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, tisssue, 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 findings
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.
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. 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, monitarization of drug therapy)*

7.3.2. imaging tests/examinations based on disciplines/subdisciplines:
1. radiological examinations: *(radiological examinations in gynecology, breast imaging, uroradiology, conventional neuroradiological examinations, spinal neuroradiology, cranial CT, cranial MRI, radiological imaging of musculoskeletal system, radiological examinations in benign ve malign tumors of bones)*
2. nuclear medicine examinations: *(nuclear medicine tests in infectious diseases, radionuclide ventriculography, myocardial scintigraphy, cardiac PET, ventilation/perfusion scintigraphyi, 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 scintigrahy (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 testsi: *(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 spesific 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 • 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 • 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	At the end of this course, the student should be able to • 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
	Attendence 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 • 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
	Attendence (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 • 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 • 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.

		NUMBER	PERCENTAGE
Assessment	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 • 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

		NUMBER	PERCENTAGE
Assessment	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 • 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.

		NUMBER	PERCENTAGE
Assessment	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 • 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

		NUMBER	PERCENTAGE
Assessment	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 • 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

	• 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 • 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 • 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

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 • 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 • 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 • 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 begining 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 abbrevations 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.
MUEICS	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 *for students, who are exempted from FE*	= 97% of CMS + 3% of SRPCS
TS *for students, who are not exempted from FE*	= 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)
Pass; *TS ≥ 60* ***Fail;*** *FES* ***< 50*** *(barrier point), ICES* ***< 50*** *(barrier point), or/and TS* ***< 60*** *The student is exempted from FE, if the CMS is ≥ 80 and all CSs are ≥ 60* *The FE and ICE barrier point is not applied to the students whose all CSs are ≥ 60*
INTRODUCTION to CLINICAL PRACTICE (ICP) III (MED 303)
Pass; *ICPS ≥ 60* ***Fail;*** *ICPS* ***< 60***

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 asistance 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 to 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**

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**

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**	
Physicians' Day	**March 14, 2022**	**Monday**

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**

SCIENTIFIC RESEARCH and PROJECT COURSE

Midterm Assesment	**Jan 21, 2022**	**Friday**
Final Assesment	**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

1st Coordination Committee Meeting:	October 19, 2021	Tuesday
2nd Coordination Committee Meeting: (with student participation)	January 11, 2022	Tuesday
3rd Coordination Committee Meeting: (with student participation)	May 24, 2022	Tuesday
4th 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	Robbıns Basıc Pathology. 9th edition,2013	Abbas Aster, Kumar.	Saunders, Elsevıer 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	Brunicardi, 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
DISCIPLINE	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	**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 Kuşkucu, 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 Taşyıkan, MD, Assist. Prof
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, Prof.
BIOMEDICAL ETHICS & DEONTOLOGY	Elif Vatanoğlu Lutz, Assoc. Prof.
FAMILY MEDICINE	Güldal İzbırak, MD, Assoc.Prof.
EMERGENCY MEDICINE	Mustafa Ferudun Çelikmen, MD, Assist Prof.
BIOISTATISTICS	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 Taşyıkan, 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.Taşyıkan	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. İzbırak	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** ß 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** ß 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 Immuncompromised 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. Yanıkkaya 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. Yanıkkaya 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 A. Sav	**ICP** (Ear-Nose-Throat Examination) Z. Alkan / D. Tansuker	**Independent Learning**	**Independent Learning**	**Independent Learning**
10.00- 10.50	**Case Discussions** General Rewiev of Pathology of Infections Disease A. Sav	**Group A IL** / **Group B IL** / **Group C Small Group Study** SRPC / **Group D ICP**	**Independent Learning**	**ICP** (Ear-Nose-Throat Examination) Z. Alkan / D. Tansuker	**ICP** (Ear-Nose-Throat Examination) Z. Alkan / D. Tansuker
11.00- 11.50	**Microbiology Laboratory** (DiagnosticTests of Respiratory Specimens) Microbiology Instructors **Group A IL** / **Group B IL** / **Group D** / **Group C IL**		**Independent Learning**	**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 D IL** / **Group C**	**Independent Learning**	**Lecture** Emergency Evaluation of Sepsis and Septic Shock M. F. Çelikmen		
12.50- 14.00	**LUNCH BREAK**				
14.00- 14.50	**ICP** (Ear-Nose-Throat Examination) Z. Alkan / S. Özdemir	**Lecture** Antiprotozoal Drugs E. N. Özdamar	**Lecture** Planning Medical Studies I Ç. Keleş	**Lecture** Antianemic Drugs A. C. Andaç	**Independent Learning**
15.00- 15.50	**Group A IL** / **Group B IL** / **Group C ICP** / **Group D Small Group Study** SRPC	**Lecture** Immunomodulators A. C. Andaç	**Lecture** Planning Medical Studies II Ç. Keleş	**Lecture** Antihelminthic Drugs E. Genç	**Independent Learning**
16.00- 16.50		**Lecture** Approach to the Pediatric Patient with Fever P. Saf	**Lecture** Research Design Ç. Keleş	**Lecture** Pathology of Viral Infections I A. Sav	**Independent Learning**
17.00-17.50	**Independent Learning**	**Independent Learning**	**Independent Learning**	**Lecture** Pathology of Viral Infections II A. Sav	**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 E. Vatanoğlu Lutz
10.00- 10.50	**Independent Learning**	**Independent Learning**	**Independent Learning**	**Independent Learning**	**Lecture** Ethics of the Future/Future of Ethics E. Vatanoğlu Lutz
11.00- 11.50	**Lecture** Antimicrobial Agents: Basic Concepts & Principles I Lecturer	**Lecture** Antimicrobial Agents: Mechanisms of Resistance I Lecturer	**Lecture** Laboratory Diagnosis of Infectious Diseases I Lecturer	**Independent Learning**	**Lecture** Bioethics E. Vatanoğlu Lutz
12.00- 12.50	**Lecture** Antimicrobial Agents: Basic Concepts & Principles II Lecturer	**Lecture** Antimicrobial Agents: Mechanisms of Resistance II Lecturer	**Lecture** Laboratory Diagnosis of Infectious Diseases II Lecturer	**Independent Learning**	**Lecture** Responsible Biomedical Research E. Vatanoğlu Lutz
12.50 – 14.00	**LUNCH BREAK**				
14.00- 14.50	**Lecture** Introduction to Anemias in Childhood S. Kemahlı	**Microbiology Laboratory** (Antibacterial Susceptibility Testing) Microbiology Instructors	**Lecture** Laboratory Diagnosis of Infectious Diseases III Lecturer	**Lecture** Introduction to the Course E. Vatanoğlu Lutz	**Microbiology Laboratory** (Antibacterial Susceptibility Testing) Microbiology Instructors
15.00- 15.50	***Lecture*** Introduction to Hemolytic Anemias Thalassemias and Hemoglobinopathies (Sickle Cell Anemia and Others) *S. Kemahlı*	**Group A** / **Grpup B IL** / **Group C IL** / **Group D IL**	**Lecture** Laboratory Diagnosis of Infectious Diseases IV Lecturer	**Lecture** Ethics of Publication E. Vatanoğlu Lutz	**Group A IL** / **Grpup B IL** / **Group C** / **Group D IL**
16.00- 16.50	***Lecture*** Hemophilia and other Coagulopathies in Childhood *S. Kemahlı*	**Group A IL** / **Grpup B** / **Group C IL** / **Group D IL**	**Lecture** Laboratory Diagnosis of Infectious Diseases V Lecturer	**Lecture** Physician-Patient Relationship E. Vatanoğlu Lutz	**Group A IL** / **Grpup B IL** / **Group C IL** / **Group D**
17.00-17.50	**Independent Learning**	**Independent Learning**	**Lecture** Laboratory Diagnosis of Infectious Diseases VI Lecturer	**Lecture** Confidentiality and Truthfulness E. Vatanoğlu Lutz	**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 A. Özkan	**Lecture** Myeloproliferative Diseases A. Özkan	**Lecture** Plasma Cell Dyscrasias A. Özkan	**Independent Learning**	**Lecture** Semiology-I M. Sönmezoğlu
10.00- 10.50	**Lecture** Approach to the Patient with Anemia and Laboratory Tests in Diagnosis with Anemia A. Özkan	**Lecture** Chronic Leukemia A. Özkan	**Lecture** Hypercoagulability A. Özkan	**Independent Learning**	**Lecture** Semiology-II M. Sönmezoğlu
11.00- 11.50	**Lecture** Lymphoma A. Özkan	**Lecture** Aplastic and Hypoplastic Anemias A. Özkan	**Lecture** Immune Acquired Hemolytic Anemias / Non-Immune Acquired Hemolytic Anemias A. Özkan	**Independent Learning**	**Lecture** Parasitic Infections I M. Sönmezoğlu
12.00- 12.50	**Lecture** Acute Leukemias A. Özkan	**Lecture** Nutritional Anemias A. Özkan	**Lecture** Introduction to the Program of Family Medicine G. İzbırak	**Independent Learning**	**Lecture** Parasitic Infections II M. Sönmezoğlu
12.50 – 14.00	**LUNCH BREAK**				
14.00- 14.50	**Independent Learning**	**Lecture** Pathophysiology of Hematopoietic System Disorders I M. Kaçar	**Lecture** Immunodeficiencies G. Yanıkkaya Demirel	**Lecture** Introduction to Clinical Oncology I B. B. Öven	**Lecture** How to Write a Project Report? B. Yılmaz / H. Taşyıkan
15.00- 15.50	**Microbiology Laboratory** (Diagnostic tests of respiratory specimens) Microbiology Instructors	**Lecture** Pathophysiology of Hematopoietic System Disorders II M. Kaçar	**Lecture** Immunodeficiencies G. Yanıkkaya Demirel	**Lecture** Introduction to Clinical Oncology II B. B. Öven	**Lecture** Scientific Career and Preparation of CV B. Yılmaz / H. Taşyıkan
16.00- 16.50	**Group A** / **Group B IL** / **Group C IL** / **Group D IL**	**Lecture** Pathophysiology of Hematopoietic System Disorders III M. Kaçar	**Lecture** Introduction to Clinical Genetics A. Ç. Kuşkucu	**Lecture** Treatment Approaches of Cancer S. Çelik	**Independent Learning**
17.00-17.50	**Group A IL** / **Group B** / **Group C IL** / **Group D IL**	**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.Taşyıkan	**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.Taşyıkan	**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.Taşyıkan	**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.Taşyıkan	**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

<table>
<tr><th></th><th>Monday
25-Oct-2021</th><th>Tuesday
26-Oct-2021</th><th>Wednesday
27-Oct-2021</th><th>Thursday
28-Oct-2021</th><th>Friday
29-Oct-2021</th></tr>
<tr><td>09.00- 09.50</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="4">NATIONAL HOLIDAY</td></tr>
<tr><td>10.00- 10.50</td></tr>
<tr><td>11.00- 11.50</td></tr>
<tr><td>12.00- 12.50</td></tr>
<tr><td>13.00 – 14.00</td><td colspan="4">LUNCH BREAK</td><td></td></tr>
<tr><td>14.00- 14.50</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="2">COMMITTEE EXAM</td><td rowspan="4">NATIONAL HOLIDAY</td><td rowspan="4">NATIONAL HOLIDAY</td></tr>
<tr><td>15.00- 15.50</td></tr>
<tr><td>16.00- 16.50</td><td rowspan="2">Program Evaluation Session
Committee I
Coordination Committee
Members</td></tr>
<tr><td>17.00-17.50</td></tr>
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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
DISCIPLINE	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**
	BIOISTATISTICS	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	MCDP				2	**2**
	TOTAL		**128**	3		2	**133**
	OTHER COURSES						
	SCIENTIFIC RESEARCH and PROJECT COURSE-III	SRPC				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. Olcay 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 Taşyıkan, 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 İzbırak, 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 Taşyıkan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	**LECTURERS**
CLINICAL SKILLS LAB	Tuğhan Utku, MD, Assoc. Prof. Nurcan Kızılcık, MD, Assoc. Prof. Banu Musaffa Salepçi, MD, Assoc. Prof. Olcay 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 E. N. Özdamar A. C. Andaç	17	8	8	33
C2,R2	PT	F. Özkan A. Sav	17	7	7	31
R1-R6	CHM	B. Salepçi S. Akduman	12	6	6	24
C1-C6	CRD	M.Degertekin O. Özveren F.O. Mutluer E. Durmuş Ç. Koca M.A. Şimşek	11	4	4	19
C3,C4, R3	PH	R.E. Sezer H.A.Taşyıkan	6	2	2	10
C2, R2	PP	M. Kaçar	5	2	2	9
C1-C6, R1-R6	IDCM	M. Sönmezoğlu	3	2	2	7
C8	BED	E. Vatanoğlu Lutz	3	1	1	5
R5	ENT	H. D. Tansuker	3	1	1	5
C10	BS	Ç. Keleş	2	1	1	4
R2, R5	TS	S. Ercan	2	1	1	4
C6, R6	FM	G.Izbırak Ö. Tanrıöver	2	1	1	4
C5, R5	PED	P. Saf T. Coşkun	2	1	1	4
C9	MG	A.Ç. Kuşkucu	2	1	1	4
C5	EM	H. Candemir M. Yazıcıoğlu	1	1	1	3
C5, R5	IMM	G.Y. Demirel	1	1	1	3
R5	RAD	F. Çelebi	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. Durmuş-O. Özveren	Coronary Artery Disease I M. Değertekin	**ICP-CSL** (Advanced Cardiac Life Support) T. Utku / N. Kızılcık	**Independent Learning**
10.00- 10.50	**Lecture** Hypertension Treatment Guidelines E. N. Özdamar	**Lecture** Examination of the Heart E. Durmuş-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** Parasympatholitic Drugs E. Genç	**ICP-CSL** (Advanced Cardiac Life Support) T. Utku / N. Kızılcık
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 Arrythmias 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 Arrythmias 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 & Atalectasis 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 A. Sav	**Independent Learning**	**Independent Learning**
10.00- 10.50	**Independent Learning**	**Independent Learning**	**Lecture** Tumors of the Respiratory System II A. Sav	**Lecture** Diuretic Agents I A.C. Andaç	**Lecture** Approach to Patient with Chest Pain in Primary Care I G. İzbırak
11.00- 11.50	**Independent Learning**	**Independent Learning**	**Lecture** Drugs Used in the Treatment of Dyslipidemias I E. N. Özdamar	**Lecture** Diuretic Agents II A.C. Andaç	**Lecture** Approach to Patient with Chest Pain in Primary Care II G. İzbırak
12.00- 12.50	**Independent Learning**	**Independent Learning**	**Lecture** Drugs Used in the Treatment of Dyslipidemias II E. N. Özdamar	**Lecture** Pathology of Pleural and Mediastinal Diseases A. Sav	**Independent Learning**
12.50 – 14.00	**LUNCH BREAK**				
14.00- 14.50	**ICP-CSL** (Examination of Cardiovascular and Respiratory System) O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş	**ICP-CSL** (Examination of Cardiovascular and Respiratory System) O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş	**Lecture** Approach to the Patient with Cough and Heameoptysis in Primary Care Ö. Tanrıöver	**Lecture** Tobacco Control and Chronic Non-Communicable Diseases I R.E. Sezer	**Pathology Laboratory** (Cardiovascular and Respiratory Systems) F. Özkan / A. Sav **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**	**Group C Small Group Study** SRP C **Group D ICP** **Group A IL** **Group B IL**	**Lecture** Approach to the Patient with Dyspnea in Primary Care Ö. Tanrıöver	**Lecture** Tobacco Control and Chronic Non-Communicable Diseases II R.E. Sezer	
16.00- 16.50			**Lecture** Pediatric Advanced Life Support M. Yazıcıoğlu	**Lecture** Tobacco Control and Chronic Non-Communicable Diseases III R.E. Sezer	**Group B IL** **Group A**
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 Small 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	**Independent Learning**	**Group C IL** / **Group D IL** / **Group B Small Group Study** SRPC / **Group A ICP**
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	**Independent Learning**	
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.Taşyıkan	**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.Taşyıkan	**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. Taşyıkan	**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

<table>
<tr><th></th><th>Monday
13-Dec-2021</th><th>Tuesday
14-Dec-2021</th><th>Wednesday
15-Dec-2021</th><th>Thursday
16-Dec-2021</th><th>Friday
17-Dec-2021</th></tr>
<tr><td>09.00- 09.50</td><td rowspan="3">Independent Learning</td><td rowspan="3">Independent Learning</td><td rowspan="3">Independent Learning</td><td rowspan="3">Independent Learning</td><td rowspan="3">Independent Learning</td></tr>
<tr><td>10.00- 10.50</td></tr>
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<tr><td>13.00- 14.00</td><td colspan="5">LUNCH BREAK</td></tr>
<tr><td>14.00- 14.50</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="2">COMMITTEE EXAM</td></tr>
<tr><td>15.00- 15.50</td></tr>
<tr><td>16.00- 16.50</td><td rowspan="2">Program Evaluation Session
Committee II
Coordination Committee Members</td></tr>
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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.	THEO.	PRAC.	LAB/CSL	DISCUSSION	TOTAL
DISCIPLINE	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 Taşyıkan, 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 İzbırak, MD, Assoc.Prof. Özlem Tanrıöver, MD, Prof.
BIOISTATISTICS	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 Taşyıkan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	**LECTURERS**
CLINICAL SKILLS LAB	Özlem Tanrıöver, MD, Prof. Güldal İzbırak, 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. Vatanoğlu	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.Taşyıkan	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. İzbırak 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. Vatanoğlu Lutz	**Lecture** Ethics of Dealing with Addiction E. Vatanoğlu 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. Vatanoğlu Lutz	**Lecture** Ethics of Elective Interventions E. Vatanoğlu 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. Vatanoğlu Lutz	**Lecture** The Ethics of Testing and Screening E. Vatanoğlu 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. Vatanoğlu Lutz	**Lecture** The Ethics of Dealing with Infectious Diseases E. Vatanoğlu 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. Vatanoğlu Lutz	**Lecture** Ethical Issues at the End of Life E. Vatanoğlu 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 Eusophagus, 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** Gastroeusophegeal 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. İzbırak	**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. İzbırak	**Lecture** Pathology of Appendix & Peritoneum E. Hacıhasanoğlu
12.50 – 14.00	**LUNCH BREAK**				
14.00- 14.50	**Lecture** Wilson Disease and Hemochromatisis M. Ergün	**ICP-CSL** Physical Examination of Gastrointestinal System S. Orman	**Lecture** Phytotherapy-IV E. Celep	**Lecture** Toxic Hepatitis E. Köroğlu	**Independent Learning**
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 IL** **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. Taşyıkan		**Lecture** Phytotherapy-VI E. Celep	**Independent Learning**	
17.00-17.50	**Independent Learning**	**Independent Learning**	**Independent Learning**	**Independent Learning**	

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

<table>
<tr><th></th><th colspan="3">Monday
3-Jan-2022</th><th>Tuesday
4-Jan-2022</th><th>Wednesday
5-Jan-2022</th><th>Thursday
6-Jan-2022</th><th>Friday
7-Jan-2022</th></tr>
<tr><td>09.00- 09.50</td><td colspan="3">Lecture
Pathology of Liver & Biliary System I
E. Hacıhasanoğlu</td><td>Lecture
Antiemetic Agents
A. C. Andaç</td><td>Lecture
Pathology of Intestinal Diseases I
F. Özkan</td><td rowspan="3">ICP-CSL
History Taking
S. Özdemir / G. İzbırak/ Ö. Tanrıöver
Group C ICP (ONLINE)

ICP-CSL
Physical Examination of Gastrointestinal System
Group B ICP (Face to face)
S. Orman</td><td rowspan="3">ICP-CSL History Taking
S. Özdemir / G. İzbırak/ Ö. Tanrıöver
Group B ICP (ONLINE)

ICP-CSL Physical Examination of Gastrointestinal System)
Group D ICP (Face to Face)
F. Demircan</td></tr>
<tr><td>10.00- 10.50</td><td colspan="3">Lecture
Pathology of Liver & Biliary System II
E. Hacıhasanoğlu</td><td>Lecture
Clinical Nutrition
M. Uğraş</td><td>Lectureo
Pathology of Intestinal Diseases II
F. Özkan</td></tr>
<tr><td>11.00- 11.50</td><td colspan="3">Lecture
Pathology of Liver & Biliary System III
E. Hacıhasanoğlu</td><td>Lecture
Inflammatory Bowel Disease
M. Ergün</td><td>Lecture
Malabsorbtion
E. Köroğlu</td></tr>
<tr><td>12.00- 12.50</td><td colspan="3">Lecture
Pathology of Liver & Biliary System IV
E. Hacıhasanoğlu</td><td>Lecture
Premalignant Lesion of the Colon
M. Ergün</td><td>Lecture
Peptic Ulcer Disease
E. Köroğlu</td><td>Lecture
Approach to the Patient with Diarrhea Regarding to Primary Care
Ö. Tanrıöver</td><td>Lecture
Mesenteric Ischemia
H.Candemir</td></tr>
<tr><td>12.50 – 14.00</td><td colspan="7">LUNCH BREAK</td></tr>
<tr><td>14.00- 14.50</td><td rowspan="3">Pathology Laboratory
(Gastrointestinal System)
F. Özkan/ A. Sav</td><td rowspan="2">Group B</td><td rowspan="2">Group A IL</td><td>Multidisciplinary Case Discussion Panel</td><td rowspan="2">ICP-CSL
History Taking and Physical Examination of Gastrointestinal System
F. Demircan/ S. Özdemir / G. İzbırak/ Ö. Tanrıöver</td><td>Lecture
Immunologic Tolerance and Autoimmunity
G. Yanıkkaya Demirel</td><td rowspan="3">ICP-CSL
History Taking
S. Özdemir / G. İzbırak/ Ö. Tanrıöver
Group A ICP (ONLINE)</td></tr>
<tr><td>15.00- 15.50</td><td>Multidisciplinary Case Discussion Panel</td><td rowspan="2">Group A ICP (Face to face)</td><td rowspan="2">Group B
Small Group Study
SRPC</td><td rowspan="2">Group C IL</td><td rowspan="2">Group D ICP (ONLINE)</td><td>Lecture
Immunologic Tolerance and Autoimmunity
G. Yanıkkaya Demirel</td></tr>
<tr><td>16.00- 16.50</td><td>Group B IL</td><td>Group A</td><td>Lecture
Clinical Approach to the Patient with Acute Abdominal Pain
E. G. Gencer</td><td>Lecture
Complex Diseases-Inherited Gastrointestinal System Disorders
A.Ç. Kuşkucu</td></tr>
<tr><td>17.00-17.50</td><td colspan="3">Independent Learning</td><td>Lecture
Laxatives
E. N. Özdamar</td><td colspan="2">Independent Learning</td><td>Lecture
Complex Diseases-Inherited Gastrointestinal System Disorders
A.Ç. Kuşkucu

Lecture
Digestive & Antidiarrheal Drugs
E. N. Özdamar</td></tr>
</table>

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

<table>
<tr><th></th><th>Monday
10-Jan-2022</th><th>Tuesday
11-Jan-2022</th><th>Wednesday
12-Jan-2022</th><th>Thursday
13-Jan-2022</th><th>Friday
14-Jan-2022</th></tr>
<tr><td>09.00- 09.50</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td></tr>
<tr><td>10.00- 10.50</td></tr>
<tr><td>11.00- 11.50</td></tr>
<tr><td>12.00- 12.50</td></tr>
<tr><td>12.50 – 14.00</td><td colspan="5">LUNCH BREAK</td></tr>
<tr><td>14.00- 14.50</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="2">COMMITTEE EXAM</td></tr>
<tr><td>15.00 -15.50</td></tr>
<tr><td>16.00 - 16.50</td><td rowspan="2">Program Evaluation Session
Committee III
Coordination Committee
Members</td></tr>
<tr><td>17.00 - 17.50</td></tr>
</table>

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
DISCIPLINE	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 Kuşkucu, 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 Taşyıkan, 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 Ayanoğlu, 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 Tellioğlu, 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 Taşyıkan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	**LECTURERS**
CLINICAL SKILLS LAB	Mert Yeşiladalı, 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.

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 A. Sav	**20**	10	10	**40**
E.1 – E.6	OBS-GYN	O. Ünal R. Attar G. Yıldırım T. Demirören E. Attar	**10**	5	5	**20**
E.1 – E.6	END	H. Aydın F. Keleştemur	**9**	5	5	**19**
U.1 – U.6	NE	G. Kantarcı	**9**	5	5	**19**
E.7, U.7	PC	E. Genç E. N. Özdamar	**9**	4	4	**17**
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 F.T. Coşkun Ç. Ayanoğlu	**2**	1	1	**4**
E.1 – E.6	PED END	B. Haliloğlu	**2**	1	1	**4**
U.1 – U.6	URO	M. Kuru	**4**	2	2	**8**
E.6, U.6	FM	A.A. Akalın Ö. Tanrıöver	**2**	2	2	**6**
E.3, E.4, U.3, U.4	PH	R.E. Sezer H.A. Taşyıkan	**2**	1	1	**4**
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. Tellioğlu	**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 SRPC / **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** Hypopituatirism F. Keleştimur	**Lecture** Adrenocortical Hormones and Drugs I E. Genç	**Lecture** Reproductive Ethics E. Vatanoğlu Lutz	**ELECTIVE WEEK I** / **Independent Learning**
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** / **ELECTIVE WEEK I**
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. Yanıkkaya 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. Yanıkkaya Demirel	**Group A IL** / **Group B IL** / **Group C ICP** / **Group D Small Group Study** SRPC	**Group A IL** / **Group B IL** / **Group C Small Group Study** SRPC / **Group D ICP**
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		
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	**Independent learning**	**Independent learning**
12.50-14.00	**LUNCH BREAK**				
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** / **Independent Learning**
15.00-15.50	**Group A** / **Group B IL** / **Group C IL** / **Group D IL**	**Microbiology Laboratory** (Diagnostic tests of urinary specimens) İ. Ç. Acuner / **Group C** / **Group D IL** / **Group A & B IL**	**Lecture** Pathology of Bladder E. Hacıhasanoğlu	**Lecture** Congenital Infections and Sexually Transmitted Diseases, Genital Infections II M. Sönmezoğlu	
16.00-16.50	**Group A IL** / **Group B** / **Group C IL** / **Group D IL**	**Group C IL** / **Group D** / **Group A & B IL**	**Independent learning**	**Lecture** Congenital Infections and Sexually Transmitted Diseases, Genital Infections III M. Sönmezoğlu	**Independent Learning** / **ELECTIVE WEEK II**
17.00-17.50	**Independent Learning**	**Independent learning**	**Independent learning**	**Lecture** Congenital Anomalies of The Urinary System Ş. Karaçay	

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK IV / 21 – 25 Feb 2022

<table>
<tr><th></th><th>Monday
21-Feb-2022</th><th>Tuesday
22-Feb-2022</th><th>Wednesday
23-Feb-2022</th><th>Thursday
24-Feb-2022</th><th colspan="2">Friday
25-Feb-2022</th></tr>
<tr><td>09.00- 09.50</td><td>Lecture
Pathology of Glomerular Diseases I
E. Hacıhasanoğlu</td><td colspan="2">Lecture
Pathology of Ovary I
F. Özkan</td><td>Lecture
Benign Diseases of the Uterus and the Cervix
R. Attar</td><td>Independent Learning</td><td colspan="2">Lecture
Pathology of Cervix Uteri I
F. Özkan</td></tr>
<tr><td>10.00- 10.50</td><td>Lecture
Pathology of Glomerular Diseases II
E. Hacıhasanoğlu</td><td colspan="2">Lecture
Pathology of Ovary II
F. Özkan</td><td>Lecture
Benign Diseases of the Ovary
R. Attar</td><td>Lecture
Malign Diseases of the Uterus and the Cervix
O. Ünal</td><td colspan="2">Lecture
Pathology of Cervix Uteri II
F. Özkan</td></tr>
<tr><td>11.00- 11.50</td><td>Lecture
Pathology of Glomerular Diseases III
E. Hacıhasanoğlu</td><td colspan="2">Lecture
Pathology of Tubulointerstitial Disease I
E. Hacıhasanoğlu</td><td>Lecture
Nephritic Syndrome
G. Kantarcı</td><td>Lecture
Malign Diseases of the Ovary
O. Ünal</td><td colspan="2">Lecture
Chromosomal Disorders I
A. Ç. Kuşkucu</td></tr>
<tr><td>12.00- 12.50</td><td>Lecture
Androgens & Anabolic Steroids
E. Genç</td><td colspan="2">Lecture
Pathology of Tubulointerstitial Disease II
E. Hacıhasanoğlu</td><td>Lecture
Nephrotic Syndrome
G. Kantarcı</td><td>Lecture
Conditions Affecting Vulva & Vagina
O. Ünal</td><td colspan="2">Lecture
Chromosomal Disorders II (Sex Chromosomes and their Abnormalities)
A. Ç. Kuşkucu</td></tr>
<tr><td>12.50 – 14.00</td><td colspan="6">LUNCH BREAK</td></tr>
<tr><td>14.00- 14.50</td><td>Lecture
Delivery of Family Planning Services I
A. Akalın</td><td colspan="3" rowspan="2">ICP-CSL
(Clinical Breast Examination)
K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın</td><td>Lecture
Acute Kidney Injury-I
G. Kantarcı</td><td>Lecture
Pathology of Uterus I
F. Özkan</td><td rowspan="2">ELECTIVE WEEK III</td><td rowspan="2">Independent Learning</td></tr>
<tr><td>15.00- 15.50</td><td>Lecture
Delivery of Family Planning Services II
A. Akalın</td><td>Lecture
Acute Kidney Injury-II
G. Kantarcı</td><td>Lecture
Pathology of Uterus II
F. Özkan</td></tr>
<tr><td>16.00- 16.50</td><td>Lecture
Pathology of Pregnancy & Placenta
F. Özkan</td><td>Group A IL</td><td>Group B IL</td><td>Group C
Small Group Study</td><td>Group D ICP</td><td>Lecture
Medical History for Breast Diseases in Primary Care & Clinical Breast Examination
A. Akalın</td><td>Lecture
The Kidney Systemic Disease and Inherited Disorders
G. Kantarcı</td><td rowspan="2">Independent Learning</td><td rowspan="2">ELECTIVE WEEK III</td></tr>
<tr><td>17.00-17.50</td><td>Independent Learning</td><td colspan="3">Independent Learning</td><td>Independent Learning</td><td>Lecture
The Kidney Systemic Disease and Inherited Disorders
G. Kantarcı</td></tr>
</table>

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK V / 28 Feb – 4 Mar 2022

<table>
<tr><th></th><th>Monday
28-Feb-2022</th><th>Tuesday
1-Mar-2022</th><th>Wednesday
2-Mar-2022</th><th>Thursday
3-Mar-2022</th><th colspan="4">Friday
4-Mar-2022</th></tr>
<tr><td>09.00- 09.50</td><td>Lecture
Benign Prostatic Hyperplasia-I
M. Kuru</td><td>Lecture
Chronic Kidney Disease
G. Kantarcı</td><td>Lecture
Epidemiology, Prevention and Control of Type II Diabetes Mellitus
R. E. Sezer</td><td>Independent Learning</td><td rowspan="2">Microbiology Laboratory
(Diagnostic Tests of Urogenital Specimens)
Microbiology Instructors</td><td>Group D</td><td>Group C IL</td><td rowspan="2">Group A & B IL</td></tr>
<tr><td>10.00- 10.50</td><td>Lecture
Benign Prostatic Hyperplasia-II
M. Kuru</td><td>Lecture
Chronic Kidney Disease
G. Kantarcı</td><td>Lecture
Acid/ Base Balance I
G. Kantarcı</td><td>Lecture
Menopause
E. Attar</td><td>Group D IL</td><td>Group C</td></tr>
<tr><td>11.00- 11.50</td><td>Lecture
Urologic Emergencies
M. Kuru</td><td>Lecture
Estrogens, Progestines and Inhibitors I
E. N. Özdamar</td><td>Lecture
Acid/ Base Balance II
G. Kantarcı</td><td>Lecture
Fertility Control
E. Attar</td><td rowspan="2">Microbiology Laboratory
(Diagnostic Tests of Urogenital Specimens)
Microbiology Instructors</td><td rowspan="2">Group D & C IL</td><td>Group B</td><td>Group A IL</td></tr>
<tr><td>12.00- 12.50</td><td>Lecture
Approach to the Patient with Urinary Tract Symptoms
M. Kuru</td><td>Lecture
Estrogens, Progestines and Inhibitors II
E. N. Özdamar</td><td>Lecture
Clinical Study of Renal Functions and Urinary Findings
G. Kantarcı</td><td>Lecture
Infertility
E. Attar</td><td>Group B IL</td><td>Group A</td></tr>
<tr><td>12.50 -14.00</td><td colspan="8">LUNCH BREAK</td></tr>
<tr><td>14.00- 14.50</td><td colspan="2">ICP-CSL
Clinical Breast Examination
K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın</td><td colspan="2">ICP-CSL
Clinical Breast Examination
K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın</td><td rowspan="2">Pathology Laboratory
(Urinary System)
A.Sav / F. Özkan</td><td rowspan="2">Group A</td><td rowspan="2">Group B IL</td><td>Lecture
Urologic Oncology I
M. Kuru</td><td rowspan="2">ELECTIVE WEEK IV</td><td colspan="2" rowspan="2">Independent Learning</td></tr>
<tr><td>15.00- 15.50</td><td rowspan="2">Group A
Small Group Study
SRPC</td><td rowspan="2">Group B ICP</td><td rowspan="2">Group C & D IL</td><td rowspan="2">Group A IL</td><td rowspan="2">Group B IL</td><td rowspan="2">Group C ICP</td><td rowspan="2">Group D
Small Group Study
SRPC</td><td>Lecture
Urologic Oncology II
M. Kuru</td></tr>
<tr><td>16.00- 16.50</td><td rowspan="2">Pathology Laboratory
(Urinary System)
A.Sav / F. Özkan</td><td rowspan="2">Group A IL</td><td rowspan="2">Group B</td><td>Lecture
Upper and Lower Urinary Tract Infections I
M. Sönmezoğlu</td><td rowspan="2">Independent Learning</td><td colspan="2" rowspan="2">ELECTIVE WEEK IV</td></tr>
<tr><td>17.00-17.50</td><td colspan="3">Independent Learning</td><td colspan="3">Pathology Laboratory
(Urinary System)
A.Sav / F. Özkan</td><td>Lecture
Upper and Lower Urinary Tract Infections II
M. Sönmezoğlu</td></tr>
</table>

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK VI / 7 – 11 Mar 2022

<table>
<tr><th></th><th>Monday
7-Mar-2022</th><th>Tuesday
8-Mar-2022</th><th>Wednesday
9-Mar-2022</th><th>Thursday
10-Mar-2022</th><th>Friday
11-Mar-2022</th></tr>
<tr><td>09.00- 09.50</td><td>Lecture
Pathophysiology of Urinary System Diseases I
M. Kaçar</td><td>Lecture
Hypothalamic and Pituitary Hormones I
E. N. Özdamar</td><td>Multidisciplinary Case Discussion Panel</td><td colspan="4">ICP-CSL
Physical Examination of the Newborn and Child Patient
Ç. Ayanoğlu / M. Berber</td><td>Independent Learning</td></tr>
<tr><td>10.00- 10.50</td><td>Lecture
Pathophysiology of Urinary System Diseases II
M. Kaçar</td><td>Lecture
Hypothalamic and Pituitary Hormones II
E. N. Özdamar</td><td>Multidisciplinary Case Discussion Panel</td><td rowspan="2">Group A ICP-CSL</td><td rowspan="2">Group B ICP-CSL</td><td rowspan="2">Group C IL</td><td rowspan="2">Group D IL</td><td>Lecture
Reproductive, Maternal and Child Health II
H. A. Taşyıkan</td></tr>
<tr><td>11.00- 11.50</td><td>Lecture
Pathology of Male Genital System I
E. Hacıhasanoğlu</td><td>Lecture
Relation Between Several Variables
Ç. Keleş</td><td>Lecture
Tubulointerstitial Diseases
G. Kantarcı</td><td>Lecture
Reproductive, Maternal and Child Health II
H. A. Taşyıkan</td></tr>
<tr><td>12.00- 12.50</td><td>Lecture
Pathology of Male Genital System II
E. Hacıhasanoğlu</td><td>Lecture
Transplantation of Kidney
G. Tellioğlu</td><td>Lecture
Tubulointerstitial Diseases
G. Kantarcı</td><td colspan="4">Independent Learning</td><td>Lecture
Reproductive, Maternal and Child Health II
H. A. Taşyıkan</td></tr>
<tr><td>12.50- 14.00</td><td colspan="6">LUNCH BREAK</td></tr>
<tr><td>14.00- 14.50</td><td colspan="2">ICP-CSL
Clinical Breast Examination
K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın</td><td>Lecture
Nephritic and Nephrotic Syndrome
T. Coşkun</td><td>Lecture
Genetic disorders of gonadal development
A. Ç. Kuşkucu</td><td colspan="4">ICP-CSL
Physical Examination of the Newborn and Child Patient
Ç. Ayanoğlu / M. Berber</td><td rowspan="2">ELECTIVE COURSE WEEK V</td><td rowspan="2">Independent Learning</td></tr>
<tr><td>15.00- 15.50</td><td rowspan="2">Group B
Small Group Study
SRPC</td><td rowspan="2">Group A ICP</td><td rowspan="2">Group C IL</td><td rowspan="2">Group D IL</td><td>Lecture
General Approach to the Pregnant Woman
Ö. Tanrıöver</td><td>Lecture
Genetic disorders of gonadal development
A. Ç. Kuşkucu</td><td rowspan="2">Group A IL</td><td rowspan="2">Group B IL</td><td rowspan="2">Group C ICP-CSL</td><td rowspan="2">Group D ICP-CSL</td></tr>
<tr><td>16.00- 16.50</td><td>Lecture
Embryology
O. Alagöz</td><td>Lecture
Phytotherapy-VII
M. E. Celep</td><td rowspan="2">Independent Learning</td><td rowspan="2">ELECTIVE COURSE WEEK VI</td></tr>
<tr><td>17.00-17.50</td><td colspan="3">Independent Learning</td><td>Independent Learning</td><td>Lecture
Phytotherapy-VIII
M. E. Celep</td><td colspan="4">Independent Learning</td></tr>
</table>

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK VII / 14 – 18 Mar 2022

<table>
<tr><th></th><th>Monday
14-Mar-2021</th><th>Tuesday
15-Mar-2022</th><th>Wednesday
16-Mar-2022</th><th>Thursday
17-Mar-2022</th><th colspan="2">Friday
18-Mar-2022</th></tr>
<tr><td>09.00- 09.50</td><td rowspan="3">NATIONAL DOCTORS' DAY</td><td rowspan="3">Independent Learnng</td><td rowspan="3">Independent Learning</td><td rowspan="3">Independent Learning</td><td colspan="2">Independent Learning</td></tr>
<tr><td>10.00- 10.50</td><td colspan="2" rowspan="3">COMMITTEE EXAM</td></tr>
<tr><td>11.00- 11.50</td></tr>
<tr><td>12.00- 12.50</td><td colspan="4">LUNCH BREAK</td><td colspan="2">Program Evaluation Session
Committee IV
Coordination Committee Members</td></tr>
<tr><td>14.00- 14.50</td><td rowspan="4">NATIONAL DOCTORS' DAY</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="4">Independent Learning</td><td rowspan="2">ELECTIVE
WEEK VI</td><td rowspan="2">Independent
Learning</td></tr>
<tr><td>15.00- 15.50</td></tr>
<tr><td>16.00- 16.50</td><td rowspan="2">Independent
Learning</td><td rowspan="2">ELECTIVE
WEEK VI</td></tr>
<tr><td>17.00-17.50</td></tr>
</table>

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**
	BIOISTATISTICS	BS	3				**3**
	CHILD PSYCHIATRY	C-PCH	3				**3**
	MEDICAL GENETICS	MG	3				**3**
	OPHTALMOLOGY	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 Zahmacıoğlu, 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 Kuşkucu, 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 Taşyıkan, 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 Zahmacıoğlu, 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. Kuşkucu	3	1	1	**5**
1 – 6	C-PCH	O. Zahmacıoğlu	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/INSTRUCTOR**	**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 PYSCHIATRY
WEEK I / 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 A. Sav	**Lecture** Epilepsy B. Aktekin	**Independent Learning**	**Lecture** Pharmacological Approach to Parkinsonism & Other Movement Disorders I E. Genç	
10.00- 10.50	**Lecture** Signs and Symptoms in Neurology B. Aktekin	**Lecture** Pathology of Myelin & Neuronal Storage Diseases II A. Sav	**Lecture** Clinical Presentation, Anatomic Concepts and Diagnosis in a Neurosurgical Patient A. Panteli	**Lecture** Surgical Neuroanatomy U. Türe	**Lecture** Pharmacological Approach to Parkinsonism & Other Movement Disorders II E. Genç	
11.00- 11.50	**Lecture** Cranial Nerves I B. Aktekin	**Lecture** Developmental Disorders of CNS A. Sav	**Lecture** Spinal Cord Compression and Spinal Tumors A. H. Kaya	**Lecture** Cerebrovascular Diseases in Neurosurgery I U. Türe	**Lecture** Headache in Neurologic Patient H. Şilek	
12.00- 12.50	**Lecture** Cranial Nerves II B. Aktekin	**Lecture** Introduction to Central Nervous System Pharmacology E. Genç	**Lecture** Degenerative Diseases of the Spine and the Spinal Cord A. H. Kaya	**Lecture** Cerebrovascular Diseases in Neurosurgery II U. Türe	**Lecture** Extrapyramidal System Disorders H. Şilek	
12.50 – 14.00	**LUNCH BREAK**					
14.00- 14.50	**Lecture** Pathophysiology of Nervous System Diseases I M. Kaçar	**Lecture** Demyelinating Disorders I R. Bilgen	**Lecture** Public Health and Aging I R. E. Sezer	**Lecture** Neuroimmunological Disorders G. Yanıkkaya Demirel	**ELECTIVE WEEK VII – MIDTERM EXAM**	**Independent Learning**
15.00- 15.50	**Lecture** Pathophysiology of Nervous System Diseases II M. Kaçar	**Lecture** Demyelinating Disorders II R. Bilgen	**Lecture** Public Health and Aging II R. E. Sezer	**Lecture** Neuroimmunological Disorders G. Yanıkkaya Demirel		
16.00- 16.50	**Independent Learning**	**Lecture** Approach to Intoxicated Patient C. Şimşek	**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 PYSCHIATRY
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	**Neurology Clinical Training** H. Şilek **Neurosurgery Clinical Training** A. H. Kaya
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	**Group A IL** / **Group B IL** / **Group C** / **Group D**
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	**Lecture** Cerebral Malformations M. Berber
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	**Lecture** Mental and Motor Development M. Berber
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	**ELECTIVE WEEK IX** / **Independent Learning**
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	
16.00- 16.50	**Lecture** Dementia R. Bilgen	**Lecture** Neurological Emergencies R. Bilgen	**Lecture** Peripheral Nerve Compression Sydromes A. Panteli		**Independent Learning** / **ELECTIVE WEEK IX**
17.00-17.50	**Independent Learning**	**Independent Learning**	**Independent Learning**		

COMMITTEE V - NERVOUS SYSTEM and PYSCHIATRY
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. Zahmacıoğlu / 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 IL** / **Group C IL** / **Group D IL**	**Group A** Small Group Study SRPC / **Group B ICP** / **Group C IL** / **Group D IL**	**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. Zahmacıoğlu / 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 IL** / **Group D IL**	**Group A IL** / **Group B ICP** / **Group C IL** / **Group D IL**	
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**	

COMMITTEE V - NERVOUS SYSTEM AND PYSCHIATRY
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. İzbırak	**Independent Learning**	**Independent Learning**	**Independent Learning**	**Independent Learning**	
10.00- 10.50	**Lecture** Approach to the Patient with Dementia in Primary Care G. İzbırak	**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. Zahmacıoğlu	**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. Zahmacıoğlu		
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 PYSCHIATRY
WEEK VI / 25 – 29 Apr 2022

<table>
<tr><th></th><th>Monday
25-Apr-2022</th><th>Tuesday
26-Apr-2022</th><th colspan="4">Wednesday
27-Apr-2022</th><th colspan="4">Thursday
28-Apr-2022</th><th colspan="4">Friday
29-Apr-2022</th></tr>
<tr><td>09.00- 09.50</td><td>Independent Learning</td><td>Independent Learning</td><td colspan="4">ICP-CSL
General Physical Examination
A. Bakan / S. Bolukçu</td><td colspan="4">ICP-CSL
Neurological Examination &
Psychiatric Examination
E. Özcan / Y. Dede / O. Taycan /
O. Zahmacıoğlu / H. Atalay / S. Tunç</td><td colspan="4">ICP-CSL
General Physical Examination
A. Bakan / S. Bolukçu</td></tr>
<tr><td>10.00- 10.50</td><td>Independent Learning</td><td>Independent Learning</td><td rowspan="2">Group A IL</td><td rowspan="2">Group B IL</td><td rowspan="2">Group C IL</td><td rowspan="2">Group D ICP</td><td rowspan="3">Group A IL</td><td rowspan="3">Group B IL</td><td rowspan="3">Group C
Small Group Study
SRPC</td><td rowspan="3">Group D
ICP</td><td rowspan="2">Group A IL</td><td rowspan="2">Group B IL</td><td rowspan="2">Group C ICP</td><td rowspan="2">Group D IL</td></tr>
<tr><td>11.00- 11.50</td><td>Lecture
Sedative / Hypnotic Drugs I
E. Genç</td><td>Lecture
Mental Development in
Childhood and Adolescence
O. Zahmacıoğlu</td></tr>
<tr><td>12.00- 12.50</td><td>Lecture
Sedative / Hypnotic Drugs II
E. Genç</td><td>Lecture
CNS Stimulants and
Hallusinogenic Drugs
E. Genç</td><td colspan="4">Independent Learning</td><td colspan="4">Independent Learning</td></tr>
<tr><td>12.50 – 14.00</td><td colspan="12">LUNCH BREAK</td></tr>
<tr><td>14.00- 14.50</td><td>Lecture
Mood Disorders I
H. Atalay</td><td>Multidisciplinary Case
Discussion Panel</td><td rowspan="4" colspan="4">Independent Learning</td><td colspan="4">Independent Learning</td><td rowspan="2" colspan="2">ELECTIVE
WEEK XII</td><td rowspan="2" colspan="2">Independent
Learning</td></tr>
<tr><td>15.00- 15.50</td><td>Lecture
Mood Disorders II
H. Atalay</td><td>Multidisciplinary Case
Discussion Panel</td><td colspan="4">Independent Learning</td></tr>
<tr><td>16.00- 16.50</td><td>Lecture
Anxiety Disorders:
An Introduction
H. Atalay</td><td>Independent Learning</td><td colspan="4">Independent Learning</td><td rowspan="2" colspan="2">Independent
Learning</td><td rowspan="2" colspan="2">ELECTIVE
WEEK XII</td></tr>
<tr><td>17.00-17.50</td><td>Independent Learning</td><td>Independent Learning</td><td colspan="4">Independent Learning</td></tr>
</table>

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

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

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
DISCIPLINE	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 Bıçakçıgil 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 Bıçakçıgil 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 Taşyıkan, MD, Assist. Prof
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, 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 Taşyıkan, 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 B. Ç. Aksu T. Özler G. Meriç O. Kocadal H. T. Çift	24	7	7	**38**
2	PT	F. Özkan A. Sav	18	4	4	**26**
1-6	RHE	M. Bıçakçıgil Kalaycı	13	3	3	**19**
7	PC	E. Genç E. N. Özdamar	7	2	2	**11**
4	PH	R.E. Sezer H.A.Taşyıkan	5	1	1	**7**
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. Kuşkucu	3	0	0	**3**
5-6	EM	S. Sarıkaya P. Tura	4	1	1	**6**
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. Bıçakçıgil 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 Osteoarthrosis 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. Bıçakçıgil 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. Bıçakçıgil Kalaycı	**Lecture** Principles of Fracture Healing B. Ç. Aksu		
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**		

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** Miscellanous Rheumatological Disorders I M. Bıçakçıgil Kalaycı	**Lecture** Septic Artritis 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** Miscellanous Rheumatological Disorders II M. Bıçakçıgil Kalaycı	**Lecture** Development Dysplasia of the Hip O. Kocadal			**Lecture** Spinal Trauma G. Meriç
12.00- 12.50	**Lecture** Miscellanous Rheumatological Disorders III M. Bıçakçıgil 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. Taşyıkan				**Independent Learning**
17.00-17.50	**Lecture** Epidemiology, Prevention and Control of Occupational Diseases and Injuries II H.A. Taşyıkan	**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. Bıçakçıgil 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. Bıçakçıgil 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** 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 Pharmacology Lecturer	**Lecture** Autopsy I A. Sav	**Lecture** Vasculitis I M. Bıçakçıgil Kalaycı	**Independent Learning**	**Independent Learning**
10.00- 10.50	**Lecture** Pharmacology Case Studies Pharmacology Lecturer	**Lecture** Autopsy II A. Sav	**Lecture** Vasculitis II M. Bıçakçıgil Kalaycı		
11.00- 11.50	**Lecture** Immune Mechanisms of Musculoskeletal Disorders G. Yanıkkaya Demirel	**Lecture** Power Analysis and Sample Size Calculation II Ç. Keleş	**Lecture** Management of Soft Tissue Disorders T. Özler		
12.00- 12.50	**Lecture** Immune Mechanisms of Musculoskeletal Disorders G. Yanıkkaya Demirel	**Lecture** Muscular Dystrophies A. Ç.Kuşkucu	**Lecture** Fractures of Children T. Özler		
12.50 – 14.00	**LUNCH BREAK**				
14.00- 14.50	**Lecture** Skeletal Muscle Relaxants E. Genç	**Lecture** Bone Tumors I A. Sav	**Multidisciplinary Case Discussion Panel**	**Independent Learning**	**Independent Learning**
15.00- 15.50	**Independent Learning**	**Lecture** Bone Tumors II A. Sav	**Multidisciplinary Case Discussion Panel**		
16.00- 16.50		**Pathology Laboratory** (Musculoskeletal System) A.Sav / F. Özkan Group A Group B IL	**Independent Learning**		
17.00-17.50		Group A IL Group B	**Independent Learning**		

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

<table>
<tr><th></th><th>Monday
6-Jun-2022</th><th>Tuesday
7-Jun-2022</th><th>Wednesday
8-Jun-2022</th><th>Thursday
9-Jun-2022</th><th>Friday
10-Jun-2022</th></tr>
<tr><td>09.00- 09.50</td><td rowspan="3">Independent Learning</td><td rowspan="3">Independent Learning</td><td rowspan="3">Independent Learning</td><td rowspan="3">Independent Learning</td><td rowspan="2">Independent Learning</td></tr>
<tr><td>10.00- 10.50</td></tr>
<tr><td>11.00- 11.50</td><td rowspan="2">COMMITTEE EXAM</td></tr>
<tr><td>12.00- 12.50</td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>12.50 – 14.00</td><td colspan="4">LUNCH BREAK</td><td>Program Evaluation Session
Committee VI
Coordination Committee Members</td></tr>
<tr><td>14.00- 14.50</td><td>Independent Learning</td><td>Independent Learning</td><td>Independent Learning</td><td>Independent Learning</td><td>Independent Learning</td></tr>
</table>

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.

The student counseling lists are announced through the Google Classroom pages of the respective phase.

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