

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE III
ACADEMIC PROGRAM BOOK
2022- 2023**

Student's
Name :
Number :

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE III

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COORDINATION COMMITTEES
(TEACHING YEAR 2022 – 2023)

PHASE-III COORDINATION COMMITTEE

Emine Nur ÖZDAMAR, MD, Assist. Prof. (Coordinator)
Erdem SÖZTUTAR, MD, Assist. Prof. (Co-coordinator)
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Başak ARU, PhD, (Co-coordinator)

ICP-III COORDINATION COMMITTEE

Özlem TANRIÖVER, MD, Prof. (Coordinator)
Ayşe Arzu AKALIN, MD, Assist. Prof. (Co-coordinator)

ELECTIVE COURSES COORDINATION COMMITTEE

Ayşe Arzu AKALIN, MD, Assist. Prof. (Coordinator)
Seda GÜLEÇ, PhD. Assoc. Prof. (Co-coordinator)

ACADEMIC CALENDAR of PHASE III 2022 - 2023

INTRODUCTION to CLINICAL SCIENCES (MED 302)

COMMITTEE I

INFECTIOUS DISEASES & HEMATOPOIETIC SYSTEMS (8 Weeks)

Beginning of Committee	September 5, 2022	Monday
End of Committee	October 28, 2022	Friday
Committee Exam	October 26, 2022	Wednesday
National Holiday	October 28 ^{1/2} , 2022 October 29, 2022	Friday, Saturday

COMMITTEE II

CARDIOLOGY and RESPIRATORY SYSTEMS (7 Weeks)

Beginning of Committee	October 31, 2022	Monday
End of Committee	December 16, 2022	Friday
Committee Exam	December 15, 2022	Thursday

Commemoration of Atatürk	November 10, 2022	Thursday
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COMMITTEE III

GASTROINTESTINAL SYSTEM (4 Weeks)

Beginning of Committee	December 19, 2022	Monday
End of Committee	January 13, 2023	Friday
Committee Exam	January 13, 2023	Friday

New Year	January 01, 2023	Sunday
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COMMITTEE IV

ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS (7 Weeks)

Beginning of Committee	January 16, 2023	Monday
End of Committee	March 17, 2023	Friday
Committee Exam	March 16, 2023	Thursday

MIDTERM BREAK	Jan 23 – Feb 3, 2023	
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Physicians' Day	March 14, 2023	Tuesday
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COMMITTEE V

NERVOUS SYSTEM and PSYCHIATRY (7 Weeks)

Beginning of Committee	March 20, 2023	Monday
End of Committee	May 5, 2023	Friday
Committee Exam	May 5, 2023	Friday

Religious Holiday	April 20 ^{1/2} – 23, 2023	Thursday - Sunday
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National Holiday	April 23, 2023	Sunday
Labor's Day	May 01, 2023	Monday

COMMITTEE VI

MUSCULOSKELETAL SYSTEM (5 Weeks)

Beginning of Committee	May 8, 2023	Monday
End of Committee	June 9, 2023	Friday
Committee Exam	June 9, 2023	Friday

National Holiday	May 19, 2023	Friday
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SCIENTIFIC RESEARCH and PROJECT

Midterm Assessment	Jan 20, 2023	Friday
Final Assessment	May 26, 2023	Friday

INTRODUCTION to CLINICAL SCIENCES (MED 302):

Make-up Exam	June 14-16, 2023	Wednesday – Friday
Final Exam	July 5, 2023	Wednesday
Incomplete Exam	July 25, 2023	Tuesday

INTRODUCTION to CLINICAL PRACTICE – III (MED 303):

Beginning of ICP - III	Sept 26, 2022	Monday
End of ICP - III	May 26, 2023	Friday
Midterm Exam	March 29,30,31, 2023	Wednesday – Friday
Make-up Exam	May 24, 2023	Wednesday
Final Exam	June 12-14, 2023	Monday - Wednesday
Incomplete Exam	July 26, 2023	Wednesday

FREE ELECTIVE COURSES:

Introduction to Elective Courses	Dec 7, 2022	Wednesday
Beginning of Elective Courses	Feb 10, 2023	Friday
End of Elective Courses	May 26, 2023	Friday
Midterm Exam	March 24, 2023	Friday
Make-up Exam	May 29-June2, 2023	Monday-Friday
Final Exam	June 12-23, 2023	Monday- Friday
Incomplete Exam	July 3-14, 2023	Monday- Friday

COORDINATION COMMITTEE MEETINGS

1 st Coordination Committee Meeting:	October 20, 2022	Thursday
2 nd Coordination Committee Meeting: (with student participation)	January 10, 2023	Tuesday
3 rd Coordination Committee Meeting: (with student participation)	May 23, 2023	Tuesday
4 th Coordination Committee Meeting:	July 11, 2023	Tuesday

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

AIM OF MEDICAL EDUCATION PROGRAM

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

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AIM

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

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

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

PROGRAM OUTCOMES OF MEDICAL EDUCATION PROGRAM

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

PODG.1. Basic Professional Competencies

POD.1.1. Clinical Competencies

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

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

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

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

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

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

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

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

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

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

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

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

POD.1.2. Competencies related to Communication

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

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

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

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

POD.1.3. Competencies Related to Leadership and Management

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

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

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

POD.1.4. Competencies related to Health Advocacy

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

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

POD.1.5. Competencies related to Research

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

POD.1.6. Competencies related to Health Education and Counseling

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

PODG.2. Professional Values and Perspectives

POD.2.1. Competencies related to Law and Legal Regulations

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

POD.2.2. Competencies Related to Ethical Aspects of Medicine

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

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

POD.2.3. Competencies Related to Social and Behavioral Sciences

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

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

POD.2.4. Competencies Related to Social Awareness and Participation

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

POD.2.5. Competencies Related to Professional Attitudes and Behaviors

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

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

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

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

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

PODG.3. Personal Development and Values

POD.3.1. Competencies Related to Lifelong Learning

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

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

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

POD.3.2. Competencies Related to Career Management

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

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

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

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

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

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

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

INSTRUCTIONAL DESIGN of PRECLINICAL YEARS

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

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

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

Therefore, the core medical courses are;

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

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

CURRICULUM OF YEDİTEPE UNIVERSITY 2022-2023 PHASE III

CODE		THIRD YEAR	W	T	A	L	Y	E
MED	302	Introduction to Clinical Sciences	39	673		16		53
MED	303	Introduction to Clinical Practice III	34	11		22		5
MED	XXX	Free Elective Course ¹ (SS)	14	28				2
Total Credits								60

The curriculum applies to 2022-2023 educational term. The duration of educational term for each year is shown in the table as total number of weeks. ECTS credits are the university credits of the courses in Yeditepe University Faculty of Medicine Undergraduate Medical Education Program. 1 ECTS=30 hours of workload including independent study hours per average student. GPA and cGPA calculations are based on ECTS credits.

¹Free Elective Courses. At least one free elective course offered by the Faculty of Medicine or other faculties must be selected in an academic year. Free elective courses provided by Faculty of Medicine in the first three years: MED 611 Medical Anthropology, MED 612 Creative Drama I, MED 613 Medical Humanities, MED 614 Personal Trademark Development, MED 615 Innovation Management, MED 616 Medical Management and New Services Design Skills, MED 619 Entrepreneurship and Storytelling Techniques for Business Purposes, MED 620 Art, Culture and Life Styles, MED 621 Epidemiological Research and Evidence Based Medicine, MED 622 Applications of Economics in Health Care, MED 623 Visual Presentation in Medicine, MED 627 Presentation of Medicine on Media, MED 628 Healthy Living, MED 629 Music and Medicine, MED 630 Health Law, MED 631 Creative Drama II, MED 632 Music Appreciation, MED 633 Communication with Hearing Impaired Patients in Turkish Sign Language, MED 634 Case Based Forensic Science, MED 635 Advanced Level Communication with Hearing Impaired Patients in Turkish Sign Language.

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

T: Theoretical, A: Application , L: Laboratory, Y: Yeditepe University Credit, E: ECTS Credit	Minimum Degree Requirements	
NC: Non-Credit Course, FS: Fall Semester, SS: Spring Semester, W: Weeks.	ECTS	360
Approval Date:	Number of courses	53

* Please see https://med.yeditepe.edu.tr/sites/default/files/curriculum_2022-23_ytf_tr.docx for total curriculum of Med Fac.

DESCRIPTION and CONTENT of PHASE III

Physio-pathological processes and pathological processes.

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, Gastroenterohepatology, General Surgery, Pulmonary Diseases, Thoracic Surgery, Ophthalmology, Public Health, Hematology/Oncology, Obstetrics and Gynecology, Cardiology, Otorhinolaryngology, Nephrology, Neurology, Orthopedics and Traumatology, Pathology, Psychiatry, Radiology, Rheumatology, Medical Pharmacology, Medical Genetics, Medical Microbiology, Urology, Medical Education.

AIMS and LEARNING OBJECTIVES of PHASE III

AIMS

In evidence based manner.

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

LEARNING OBJECTIVES

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

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

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

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

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

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

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

7.4. laboratory and imaging tests/examinations

7.4.1. based on laboratory disciplines/subdisciplines;

1. medical biochemistry tests:

i. (*venous blood collection*)

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

2. medical microbiology tests:

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

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

3. medical pathology tests:

i. *Pap smear collection*

ii. *Pap smear*

4. other laboratory tests:

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

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

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

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

7.4.3. point of care testing

a. based on laboratory disciplines/subdisciplines;

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

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

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

7.5. making preliminary diagnosis or definitive diagnosis decision

7.6. making non-intervention or intervention decision

7.7. practicing non-intervention or intervention

7.8. referral/transport of healthy individual or patient

AIM and LEARNING OBJECTIVES of CLINICAL SCIENCES (MED 302)

AIMS

In evidence based manner:

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

LEARNING OBJECTIVES

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

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

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

DESCRIPTION of INTRODUCTION to CLINICAL PRACTICE I, II and III (ICP-I,-II,-III)

(MED 102, 202, 303)

AIM of ICP PROGRAM

The aim of Introduction to Clinical Practice Program is to equip the students with basic medical skills and attitudes, in areas 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.

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 each of the first three years 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, Basic Knowledge on Infection Control and Standard Precautions, develop skills in Basic Life Support, Patient/Casualty Transportation and Bandaging Techniques regarding to First Aid and handwashing, wearing sterile gloves, wearing masks, assessing vital signs. They also acquire basic knowledge on communication and experience patient-doctor encounter with simulated patients (SP's)*.

The second years ICP Program consist of modules like nasogastric intubation; bladder catheterization; intramuscular, subcutaneous, intradermal and intravenous injections; intravenous catheterization as well as intraarterial blood sampling.

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 OSCE 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 facilitate transfer of the gained theoretical knowledge to practice in simulated environments. SPs are usually, but not necessarily, lay people who are trained to portray a patient with a specific condition in a realistic way, sometimes in a standardized way (where they give a consistent presentation which does not vary from student to student). SPs are used for teaching and assessment of consultation and clinical/physical examination skills, in simulated teaching environments or in situ. (Cleland JA, Abe K, Rethans JJ. *The use of simulated patients in medical education: AMEE*

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 or 5 and group lists are announced to the class and also displayed in the ICP Lab 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 deanary. 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.

Program Evaluation

Each Semester students are required to fill out a feedback form according the ICP Program. When an OSCE is conducted both students and faculty members complete a written evaluation of the event for the improvement of the course and OSCE.

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

AIM

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

LEARNING OBJECTIVES

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

KNOWLEDGE

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

SKILLS

1. **apply** Advanced Cardiac Life Support on an adult mannequin 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. **explain** the procedure to be carried out to the patient before the 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.
4. **pay** attention to follow laboratory rules

AIM and LEARNING OBJECTIVES of SCIENTIFIC RESEARCH and PROJECT - III

AIM

The aim of scientific research and project course - III (SRPC – III) is to equip third-year medical students with knowledge and skills in writing a scientific project proposal, and furthermore to equip them with basic knowledge of scientific careers and with skills in preparing CV and cover letter for a 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 Moodle program **before 20 January 2023 Friday**. The constraints of the scientific project proposal assignment will be discussed individually during Small Group Study hours, and during the year small group discussion hours on the program will be used to prepare the individual proposals. The project proposal should be loaded into Google Classroom **before 26 May 2023 Friday**.

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

Please note that attending SRPC lecture hours in the program is mandatory. There will be no acceptance of assignments after the pre-scheduled dates.

ASSESSMENT PROCEDURE

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

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

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

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

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

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

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

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

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

Definitions of the Assessment Methods and Question Types

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

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

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

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

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

Grades

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

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

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

EXAM RULES

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

AIM AND LEARNING OBJECTIVES OF 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.

SPECIFIC SESSIONS / PANELS

Introductory Session

Aim of the session:

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

Objectives of the Session:

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

Rules of the Session:

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

Implementation of the Session:

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

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

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

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

Committee Evaluation Session

Aim of the Session:

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

Objectives of the Program Evaluation Session are to;

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

Process:

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

Rules of the Committee Evaluation Session:

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

Program Improvement Session

Aim:

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

Objectives:

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

Rules:

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

Implementation:

Before the Session

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

During the Session

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

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

After the Session

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

Multidisciplinary Case Discussion Panel

Aim:

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

Objectives:

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

Implementation:

Before the Panel

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

During the Panel

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

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

After the Panel

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

INDEPENDENT LEARNING

Description:

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

Aim:

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

Objectives:

With this instructional strategy, students will develop;

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

Rules:

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

What a student should do for learning independently?

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

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, Ground 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.

RECOMMENDED TEXTBOOKS

NO	DEPARTMENT	TEXTBOOK	AUTHOR	PUBLISHER
1	BIOMEDICAL ETHICS & DEONTOLOGY	Medical Law, Ethics, & Bioethics for the Health Professions, 2012	Marcia Lewis, Carol D. Tampoaro.	F.A. Davis Publishing House
		Medical Ethics, 2013	Michael Boylan	Wiley-Blackwell Publishing House
2	BIOSTATISTICS	Principles of Biostatistics, 2000	Pagano, Marcello, Gauvreau, Kimberlee	Duxbury Press
		Primer of Biostatistics. 7th Edition, 2011	Glantz, Stanton A	McGraw Hill Professional
3	INFECTIOUS DISEASES AND CLINICAL MICROBIOLOGY	Medical Microbiology with STUDENT CONSULT Online Access. 8th Edition, 2016.	Murray, Patrick R, Rosenthal, Ken S, Pfaller, Michael A.	
4	MEDICAL GENETICS	Emery's Elements of Medical Genetics. 14th Edition.	Turnpenny, Peter D, Ellard, Sian.	Churchill Livingstone
5	NEUROSURGERY	Microneurosurgery, Volume I to Volume V, Thieme Kindle Edition	Mahmut Gazi Yasargil	
		Neurology and Neurosurgery Illustrated, 5th Edition	Kenneth W. Lindsay PhD FRCS, Ian Bone FRCP FACP, Geraint Fuller MD FRCP	
		Handbook of Neurosurgery	Mark S. Greenberg	
6	PHARMACOLOGY	Lippincott's Illustrated Review of Pharmacology. 6th ed, 2015	Harvey, Richard A.	Wolters Kluwer Health
		Katzung's Basic & Clinical Pharmacology. 14th Edition. 2017	Katzung, Bertram G., Masters, Susan B., Trevor Anthony J.	McGraw Hill Companies
		Goodman&Gilman's The Pharmacological Basis of Therapeutics. 13th Edition.2017	Brunton, Laurence, Chabner, Bruce, Knollman, Bjorn	McGraw Hill Companies
7	ORTHOPEDIC SURGERY	Ortopedik Fizik Muayane	Uğur Şaylı	Güneş Tıp Kitapevi
		Review of Orthopaedics 6th edition	Mark D. Miller	
		AAOS Comprehensive Orthopaedic Review 2nd edition	Martin I. Boyer	
8	PATHOLOGY	Robbins Basic Pathology. 9th edition,2013	Abbas Aster, Kumar.	Saunders, Elsevier Inc.
9	PSYCHIATRY	Ruh Sağlığı ve Bozuklukları. 2. Baskı, Ankara 2011	Öztürk O	
		Kaplan & Sadock's Comprehensive Textbook of Psychiatry, 9. Ed. 2009,	Sadock BJ, Sadock VA, Ruiz P.	Lippincott Williams & Wilkins, PA, USA
		Neuroscience. 5. Ed. 2012	Purves D, Augustine GJ. Fitzpatrick D.	Sinauer Assoc, Mass, USA.
10	GENERAL SURGERY	Schwartz's Principles of Surgery, 10th edition, July 16, 2014	Brunnicardi, 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 5, 2022 – October 28, 2022
COMMITTEE DURATION: 8 WEEKS

COURSES							
MED 302	INTRODUCTION to CLINICAL SCIENCES	ABBR	THEO.	PRAC./LAB.	SMALL GROUP DISCUSSION	DISCUSSION	TOTAL
	DISCIPLINE/COMPONENTS						
	INFECTIOUS DISEASES	ID	20	0	0	0	20
	MEDICAL MICROBIOLOGY	MM	10	4Gr X6H	0	0	16
	PHARMACOLOGY	PC	21	0	0	0	21
	PATHOLOGY	PT	12	0	0	2	14
	BIOMEDICAL ETHICS & DEONTOLOGY	BED	12	0	0	0	12
	HEMATOLOGY	HEM	11	0	0	0	11
	PUBLIC HEALTH	PH	8	0	0	0	8
	IMMUNOLOGY	IMM	6	0	0	0	6
	MEDICAL GENETICS	MG	5	0	0	0	5
	PEDIATRICS	PED	4	0	0	0	4
	PATHOPHYSIOLOGY	PP	4	0	0	0	4
	PHYTOTHERAPY	PHY	3	0	0	0	3
	BIOSTATISTICS	BS	3	0	0	0	3
	ONCOLOGY	ONC	3	0	0	0	3
	FAMILY MEDICINE	FM	1	0	0	0	1
	EMERGENCY MEDICINE	EM	1	0	0	0	1
	INTERDISCIPLINARY	MCDP	0	0	0	2	2
	SCIENTIFIC RESEARCH and PROJECT -III	SRP	0	0	4Gr X 2H	0	2
	TOTAL		124	6	2	4	136
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III		4Gr X 3H			3
	INDEPENDENT LEARNING HOURS						144

Coordination Committee

HEAD	Meral Sönmezoğlu, MD, Prof.
SECRETARY	Ayşegül Kuşkucu, MD, Assoc. Prof.
MEMBER	Ece Genç, PhD, Prof.
MEMBER	Ferda Özkan, MD, Prof.
MEMBER	Bala Başak Öven, MD, 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. Güner Söyletir, 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, Assist. Prof
HEMATOLOGY	Atilla Özkan, MD, Assoc.Prof.
PEDIATRICS	Sabri Kemahlı, MD, Prof S. Perihan Saf, MD, Assist. Prof
PUBLIC HEALTH	Hale Arık Taşyikan, MD, Assist. Prof Ebru Çayır, MD, Assist. Prof.
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, Prof.
BIOMEDICAL ETHICS & DEONTOLOGY	Elif Vatanoğlu Lutz, MD, Prof.
FAMILY MEDICINE	Güldal İzbirak, MD, Prof.
EMERGENCY MEDICINE	Mustafa Ferudun Çelikmen, MD, Assist Prof.
BIOSTATISTICS	Çiğdem Keleş, PhD, Assist. Prof.
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, MD, Assoc. Prof.
PHYTOTHERAPY	Erdem Yeşilada, PhD, Prof.
ONCOLOGY	Bala Başak Öven, MD, Prof. Serkan Çelik, MD, Assoc. Prof.
IMMUNOLOGY	Gülderen Yanıkkaya Demirel, MD, PhD, Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Zeynep Alkan, MD, Assoc. Prof. M. İlhan Şahin, 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
		G. Söyletir				
I7-H7	PC	E. Genç	15	4	4	23
		A. C. Andaç				
		E.N. Özdamar				
I2, H2	PT	A. Sav	9	4	4	17
		E.Hacıhasanoğlu				
I8	BED	E. Vatanoğlu Lutz	9	4	4	17
H1-H6	HEM	H. A. Özkan	8	3	3	14
I3-I4, H3	PH	E. Çayır	6	2	2	10
		H. A. Taşyikan				
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	4	2	2	8
		P. Saf				
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	2	1	1	4
		S. Çelik				
H6-I6	FM	G. İzbirak	1	0	0	1
I5	EM	M. F. Çelikmen	1	0	0	1
TOTAL			90	36	36	162
LEARNING OBJECTIVE	DISCIPLINE	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 / 5 – 9 Sep 2022

	Monday 5-Sep--2022	Tuesday 6-Sep--2022	Wednesday 7-Sep--2022	Thursday 8-Sep--2022	Friday 9-Sep--2022
09.30- 09.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
10.00- 10.50	Independent Learning	Independent Learning	Independent Learning	Lecture Pathophysiology of Infectious Diseases I M. Kaçar	Independent Learning
11.00- 11.50	Independent Learning	Independent Learning	Independent Learning	Lecture Pathophysiology of Infectious Diseases II M. Kaçar	Lecture β Lactam Antibiotics I E. Genç
12.00- 12.50	Introduction to Phase III	Independent Learning	Independent Learning	Lecture Pathophysiology of Infectious Diseases III M. Kaçar	Lecture β Lactam Antibiotics I E. Genç
12.50 - 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Independent Learning	Independent Learning	Lecture Introduction to Antimicrobial Chemotherapy E. Genç	Lecture Antimalarial Drugs E. N. Özdamar
15.00- 15.50	Independent Learning	Independent Learning	Independent Learning	Lecture Vancomycin & Other Cell Wall Synthesis Inhibitors E. Genç	Lecture Quinolones E. N. Özdamar
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

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 / 12 – 16 Sep 2022

	Monday 12-Sep--2022	Tuesday 13-Sep--2022	Wednesday 14-Sep--2022	Thursday 15-Sep--2022	Friday 16-Sep--2022
09.30- 09.50	Independent Learning	Lecture Hospital Infection M. Sönmezoğlu	Independent Learning	Microbiology Laboratory (Antibacterial Susceptibility Testing-I) G. Söyletir Group A	Microbiology Laboratory (Antibacterial Susceptibility Testing-II) G. Söyletir Group A
10.00- 10.50	Independent Learning	Lecture Febril Neutropenia M. Sönmezoğlu	Lecture Planning Medical Studies I Ç. Keleş		Group B
11.00- 11.50	Independent Learning	Lecture Bacterial and Viral Skin & Soft Tissue Infections M. Sönmezoğlu	Lecture Planning Medical Studies II Ç. Keleş	Group B	Group C
12.00- 12.50	Independent Learning	Lecture Infections in Immunocompromised Host M. Sönmezoğlu	Lecture Research Design Ç. Keleş		Group D
12.50 - 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Antimicrobial Agents: Mechanism of Action I G. Söyletir	Lecture Antimicrobial Agents: Mechanism of Resistance I G. Söyletir	Lecture Case Discussion on Immunity to Infection G. Yanıkkaya Demirel	Group C	Independent Learning
15.00- 15.50	Lecture Antimicrobial Agents: Mechanism of Action II G. Söyletir	Lecture Antimicrobial Agents: Mechanism of Resistance II G. Söyletir	Lecture Case Discussion on Immunity to Infection G. Yanıkkaya Demirel		Independent Learning
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Group D	Independent Learning
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 I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM
WEEK III / 19-23 Sep 2022

	Monday 19-Sep--2022	Tuesday 20-Sep--2022	Wednesday 21-Sep--2022	Thursday 22-Sep--2022	Friday 23-Sep--2022
09.00- 09.50	Independent Learning	Lecture Beneficence and Non- Maleficence E. Vatanoğlu Lutz	Lecture Occupational Health Hazards I M. Sönmezoğlu	Independent Learning	Lecture Public Health and Communicable Diseases-I E. Çayır
10.00- 10.50	Lecture Hodgkin's Lymphoma E. Hacıhasanoğlu	Lecture Transplantation E. Vatanoğlu Lutz	Lecture Occupational Health Hazards II M. Sönmezoğlu	Lecture Introduction to Anemias in Childhood S. Kemahlı	Lecture Public Health and Communicable Diseases-II E. Çayır
11.00- 11.50	Lecture Lymphoreactive Disease E. Hacıhasanoğlu	Lecture Principles of Autonomy and Informed Consent E. Vatanoğlu Lutz	Lecture Vaccines M. Sönmezoğlu	Lecture Introduction to Hemolytic Anemias Thalassemias and Hemoglobinopathies (Sickle Cell Anemia and Others) S. Kemahlı	Lecture Molecular Basis of Hemoglobinopathies A. Ç. Kuşkuç
12.00- 12.50	Lecture Pathology of Spleen E. Hacıhasanoğlu	Lecture Justice in Medicine E. Vatanoğlu Lutz	Lecture Antimycobacterial Drugs A.C. Andaç	Lecture Hemophilia and other Coagulopathies in Childhood S. Kemahlı	Lecture Inherited Immune System Disorders A. Ç. Kuşkuç
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 Myeloproliferative Diseases I E. Hacıhasanoğlu
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	Lecture Pathology of Myeloproliferative Diseases II E. Hacıhasanoğlu
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	Lecture Pathology of Bone Marrow-1 E. Hacıhasanoğlu
17.00-17.50	Independent Learning	Independent Learning	Lecture Tuberculosis & Other Mycobacterial Infections II M. Sönmezoğlu	Lecture Blood Groups M. Sönmezoğlu	Lecture Pathology of Bone Marrow-2 E. Hacıhasanoğlu

COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM
WEEK IV / 26-30 Sep 2022

	Monday 26-Sep--2022	Tuesday 27-Sep--2022				Wednesday 28-Sep--2022	Thursday 29-Sep--2022				Friday 30-Sep--2022									
09.00- 09.50	Case Discussions Pathology Tissue Response to Infections A. Sav	ICP (Ear-Nose-Throat Examination) Z. Alkan / M. İ. Şahin				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	Lecture Hematostatic Drugs and Hematostatic Blood Products I A. C. Andaç	ICP (Ear-Nose-Throat Examination) Z. Alkan / M. İ. Şahin				ICP (Ear-Nose-Throat Examination) Z. Alkan / M. İ. Şahin									
11.00- 11.50	Lecture Macrolides E. N. Özdamar					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	Lecture Antiviral Drugs E. N. Özdamar													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 / M. İ. Şahin				Lecture Antiprotozoal Drugs E. N. Özdamar	Independent Learning	Lecture Antianemic Drugs A. C. Andaç				Lecture Genetics of Oncology I A.Ç. Kuşkucu									
15.00- 15.50	Group A IL	Group B IL	Group C ICP	Group D Small Group Study SRPC	Lecture Immunomodulators A. C. Andaç	Independent Learning	Lecture Antihelminthic Drugs E. Genç				Lecture Genetics of Oncology II A.Ç. Kuşkucu									
16.00- 16.50					Lecture Approach to the Pediatric Patient with Fever P. Saf	Independent Learning	Lecture Pathology of Viral Infections I A. Sav				Lecture Non/Hodgkin's Lymphoma I E. Hacıhasanoğlu									
17.00-17.50	Independent Learning				Independent Learning				Independent Learning				Lecture Pathology of Viral Infections II A. Sav				Lecture Non/Hodgkin's Lymphoma I E. Hacıhasanoğlu			

**COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM
WEEK V / 3-7 Oct 2022**

	Monday 3-Oct--2022	Tuesday 4-Oct--2022	Wednesday 5-Oct--2022	Thursday 6-Oct--2022	Friday 7-Oct--2022
09.00- 09.50	Independent Learning	Independent Learning	Lecture Antifungal Drugs E. N. Özdamar	Lecture Aminoglycosides E. Genç	Lecture Transhumanisms and Ethics E. Vatanoglu Lutz
10.00- 10.50	Lecture Pathology of Mycobacterial Infections A. Sav	Independent Learning	Lecture Antiseptics and Disinfectants E. N. Özdamar	Lecture Sulfonamides, Chloramphenicol & Tetracyclines E. Genç	Lecture Ethics of the Future/Future of Ethics E. Vatanoglu Lutz
11.00- 11.50	Lecture Laboratory Diagnosis of Infectious Diseases G. Söyletir	Lecture Microbiological approach to respiratory infections G. Söyletir	Lecture Prevention and Control of Communicable Diseases I E. Çayır	Lecture Pharmacological Basis of Cancer Therapy I A. C. Andaç	Lecture Bioethics E. Vatanoglu Lutz
12.00- 12.50	Lecture Laboratory Diagnosis of Infectious Diseases G. Söyletir	Lecture Microbiological approach to respiratory infections G. Söyletir	Lecture Prevention and Control of Communicable Diseases II E. Çayır	Lecture Pharmacological Basis of Cancer Therapy II A. C. Andaç	Lecture Responsible Biomedical Research E. Vatanoglu Lutz
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Independent Learning	Lecture Microbiological approach to blood stream infections G. Söyletir	Lecture Introduction to the Course E. Vatanoglu Lutz	Independent Learning
15.00- 15.50	Independent Learning	Independent Learning	Lecture Microbiological approach to blood stream infections G. Söyletir	Lecture Ethics of Publication E. Vatanoglu Lutz	Independent Learning
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Lecture Physician-Patient Relationship E. Vatanoglu Lutz	Independent Learning
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Lecture Confidentiality and Truthfulness E. Vatanoglu Lutz	Independent Learning

COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM

WEEK VI / 10-14 Oct 2022

	Monday 10-Oct--2022	Tuesday 11-Oct--2022	Wednesday 12-Oct--2022	Thursday 13-Oct--2022	Friday 14-Oct--2022
09.00- 09.50	Lecture Quantitative and Qualitative Platelet Disorders Hematology Lecturer	Lecture Myeloproliferative Diseases Hematology Lecturer	Lecture Plasma Cell Dyscrasias Hematology Lecturer	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 Hematology Lecturer	Lecture Chronic Leukemia Hematology Lecturer	Lecture Hypercoagulability Hematology Lecturer	Independent Learning	Lecture Semiology-IIgün M. Sönmezoğlu
11.00- 11.50	Lecture Lymphoma Hematology Lecturer	Lecture Aplastic and Hypoplastic Anemias Hematology Lecturer	Lecture Immune Acquired Hemolytic Anemias / Non-Immune Acquired Hemolytic Anemias Hematology Lecturer	Independent Learning	Lecture Parasitic Infections I M. Sönmezoğlu
12.00- 12.50	Lecture Acute Leukemias Hematology Lecturer	Lecture Nutritional Anemias Hematology Lecturer	Lecture Introduction to the Program of Family Medicine G. İzbirak	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. Yanikkaya Demirel	Lecture Introduction to Clinical Oncology I B. B. Öven	Lecture How to Write a Project Report? B. Yılmaz / H. Taşyikan
15.00- 15.50	Independent Learning	Lecture Pathophysiology of Hematopoietic System Disorders II M. Kaçar	Lecture Immunodeficiencies G. Yanikkaya Demirel	Lecture Introduction to Clinical Oncology II B. B. Öven	Lecture Scientific Career and Preparation of CV B. Yılmaz / H. Taşyikan
16.00- 16.50	Independent Learning	Lecture Pathophysiology of Hematopoietic System Disorders III M. Kaçar	Lecture Introduction to Clinical Genetics A. Ç. Kuşkuçcu	Lecture Treatment Approaches of Cancer B. B. Öven	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 / 17-21 Oct 2022

	Monday 17-Oct--2022	Tuesday 18-Oct--2022	Wednesday 19-Oct--2022	Thursday 20-Oct--2022	Friday 21-Oct--2022
09.00- 09.50	Lecture Epidemiology of Communicable Diseases I H.A.Taşyikan	Independent learning	Independent Learning	Microbiology Laboratory (Diagnostic Tests for respiratory specimens-I) G. Söyletir	Microbiology Laboratory (Diagnostic Tests for respiratory specimens-II) G. Söyletir Group A
10.00- 10.50	Lecture Epidemiology of Communicable Diseases II H.A.Taşyikan	Independent learning	Independent Learning		Group A
11.00- 11.50	Lecture Investigation of a Disease Epidemic I H.A.Taşyikan	Independent Learning	Multidisciplinary Case Discussion Panel	Group B	Group C
12.00- 12.50	Lecture Investigation of a Disease Epidemic II H.A.Taşyikan	Independent Learning	Multidisciplinary Case Discussion Panel		Group D
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Independent Learning	Independent Learning	Group C	Independent Learning
15.00- 15.50	Independent Learning	Independent Learning	Independent Learning		Independent Learning
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Group D	Independent Learning
17.00-17.50	Independent Learning	Independent Learning	Independent Learning		Independent Learning

COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM
WEEK VIII / 24-28 Oct 2022

	Monday 24-Oct-2022	Tuesday 25-Oct-2022	Wednesday 26-Oct-2022	Thursday 27-Oct-2022	Friday 28-Oct-2022
09.00- 09.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
10.00- 10.50			COMMITTEE EXAM		
11.00- 11.50					
12.00- 12.50					
13.00 – 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	NATIONAL HOLIDAY
15.00- 15.50					
16.00- 16.50					
17.00-17.50					

COMMITTEE II - CARDIOVASCULAR & RESPIRATORY SYSTEMS

DISTRIBUTION of LECTURE HOURS
October 31, 2022 – December 16, 2022
COMMITTEE DURATION: 7 WEEKS

COURSES							
MED 302	INTRODUCTION to CLINICAL SCIENCES	ABB.	THEO.	PRAC./LAB.	SMALL GROUP DISCUSSION	DISCUSSION	TOTAL
	DISCIPLINE/COMPONENTS						
	PHARMACOLOGY	PC	25	0	0	0	25
	PATHOLOGY	PT	24	2 Gr x1 H	0	0	25
	CHEST MEDICINE	CHM	18	0	0	0	18
	CARDIOLOGY	CRD	14	0	0	0	14
	PUBLIC HEALTH	PH	8	0	0	0	8
	PATHOPHYSIOLOGY	PP	7	0	0	0	7
	INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY	IDCM	5	0	0	0	5
	BIOMEDICAL ETHICS & DEONTOLOGY	BED	4	0	0	0	4
	ENT DISEASES	ENT	4	0	0	0	4
	BIOSTATISTICS	BS	3	0	0	0	3
	THORACIC SURGERY	TS	3	0	0	0	3
	FAMILY MEDICINE	FM	4	0	0	0	4
	PEDIATRICS	PED	2	0	0	0	2
	MEDICAL GENETICS	MG	2	0	0	0	2
	EMERGENCY MEDICINE	EM	2	0	0	0	2
	IMMUNOLOGY	IMM	2	0	0	0	2
	RADIOLOGY	RAD	1	0	0	0	1
	INTERDISCIPLINARY	MCD P	0	0	0	2	2
	SCIENTIFIC RESEARCH and PROJECT III	SRP	0	0	4 Gr x4H	0	4
	TOTAL		128	1	4	2	135
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III		4GrX6H			6
INDEPENDENT LEARNING HOURS			111				

Coordination Committee

HEAD	Ferda Özkan, MD, Prof.
SECRETARY	Banu Musaffa Salepçi, MD, Prof.
MEMBER	Mehmet İlhan Şahin, MD, Assoc. Prof.
MEMBER	Mustafa Aytek Şimşek, MD, Assoc. 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. Olca Özveren, MD, Prof. Mustafa Aytek Şimşek, MD, Assoc. Prof. Ayça Türer, MD, Assoc. Prof. Cansu Ebrin, MD Çiğdem Koca, MD Ferit Onur Mutluer, MD
PUBLIC HEALTH	Hale Arık Taşyikan, MD, Assist. Prof. Ebru Çayır, MD, Assist. Prof.
BIOMEDICAL ETHICS & DEONTOLOGY	Elif Vatanoğlu Lutz, MD, Prof.
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, Prof.
INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY	Meral Sönmezoğlu, MD, Prof.
EAR- NOSE -THROAT (ENT)	Mehmet İlhan Şahin, MD, Assoc. Prof.
THORACIC SURGERY	Sina Ercan, MD, Prof.
FAMILY MEDICINE	Güldal İzbirak, MD, Prof. Özlem Tanrıöver, MD, Prof.
PEDIATRICS	Perihan Çobanoğlu Saf, MD, Assoc. Prof. Fatma Tuba Coşkun, MD
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, MD, Assoc.Prof.
RADIOLOGY	Filiz Çelebi, MD, Assoc.Prof.
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 III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

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

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS

AIMS and LEARNING OBJECTIVES

AIMS

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

LEARNING OBJECTIVES OF CARDIOVASCULAR SYSTEM

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

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

LEARNING OBJECTIVES OF RESPIRATORY SYSTEM

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

- R1. to recall knowledge on histology and physiology of respiratory system,
- R2. to define etiopathogenesis of clinical conditions related to respiratory system,
- R3. to explain epidemiology of clinical conditions related to respiratory system,
- R4. to explain prevention of clinical conditions, and protection or improvement of health against those clinical conditions related to respiratory system,
- R5. to explain mechanisms of occurrence for frequently encountered clinical complaints, symptoms, signs and findings in clinical conditions related to respiratory system,
- R6. to explain together with performance measures on health care processes, clinical decision making process, clinical decisions and clinical practices required for managing clinical conditions related to respiratory system,
- R7. to convey knowledge on pharmacology of drugs that are effective on respiratory system, or on clinical conditions involving respiratory system,

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS COMMITTEE ASSESSMENT MATRIX

PHASE III						
COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES						
COURSE COMPONENT: COMMITTEE II - CARDIOVASCULAR & RESPIRATORY SYSTEMS						
QUESTION DISTRIBUTION TABLE						
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
C7,R7	PC	E. Genç	17	8	8	33
		E. N. Özdamar				
		A. C. Andaç				
C2,R2	PT	F. Özkan	17	7	7	31
		A. Sav				
R1-R6	CHM	B. Salepci	12	6	6	24
		S. Akduman				
C1-C6	CRD	M. Degertekin	11	4	4	19
		O. Özveren				
		F.O. Mutluer				
		A. Türer				
		Ç. Koca				
		M.A. Şimşek				
C3,C4, R3	PH	C. Ebrin	6	2	2	10
		H.A. Taşyikan				
C2, R2	PP	E. Çayır	5	2	2	9
C1-C6, R1-R6	IDCM	M. Kaçar	3	2	2	7
		M. Sönmezoglu				
C8	BED		3	1	1	5
R5	ENT	E. Vatanoğlu Lutz	3	1	1	5
C10	BS	M. İ Şahin	2	1	1	4
R2, R5	TS	Ç. Keleş	2	1	1	4
C6, R6	FM	S. Ercan	2	1	1	4
		G. Izbirak				
C5, R5	PED	Ö. Tanrıöver	2	1	1	4
		P. Saf				
C9	MG	T. Coşkun	2	1	1	4
C5	EM	A.Ç. Kuşkucu	1	1	1	3
		H. Candemir				
C5, R5	IMM	M. Yazıcıoğlu	1	1	1	3
R5	RAD	G.Y. Demirel	1	0	0	1
TOTAL			90	40	40	170
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
R1-6	CHM	B. Salepci	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 / 31 Oct - 4 Nov 2022

	Monday 31-Oct-2022	Tuesday 1-Nov-2022	Wednesday 2-Nov-2022	Thursday 3-Nov-2022	Friday 4-Nov-2022
09.00- 09.50	Independent Learning	Lecture General Signs and Principal Symptoms in Cardiovascular System Diseases C. Ebre -O. Özveren	Coronary Artery Disease I C. Ebre -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 C. Ebre -O. Özveren	Lecture Coronary Artery Disease II C. Ebre -M. Değertekin	Group A Small Group Study SRPC	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	Lecture Principals of Statistical Analysis I Ç. Keleş	Lecture Parasympatholytic 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	Lecture Principals of Statistical Analysis II Ç. Keleş	Lecture Sympathomimetic Drugs: Catecholamines & Noncatecholamines E. Genç	Group A ICP
16.00- 16.50	Independent Learning	Lecture Pathophysiology of Cardiovascular System Disorders III M. Kaçar	Lecture Preparing to Analyse Data Ç. Keleş	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 / 7-11 Nov 2022

	Monday 7-Nov-2022	Tuesday 8-Nov-2022	Wednesday 9-Nov-2022	Thursday 10-Nov-2022	Friday 11-Nov-2022
09.00- 09.50	Lecture Myocardium E. Hacıhasanoğlu	Lecture Congestive Heart Failure I Ç. Koca-M.A.Şimşek	Independent Learning	Commemoration of Atatürk	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	Independent Learning		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	Independent Learning	Lecture History and Symptoms in Pulmonary Diseases S. Akduman	Lecture Diagnostic Methods in Pulmonary Medicine S. Akduman	Commemoration of Atatürk	Lecture Electrocardiography I F. O. Mutluer- T.Aksu
15.00- 15.50	Independent Learning	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 A.T. Cabbar	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 A.T. Cabbar	Independent Learning	Lecture Adrenergic Neuron Blockers E. Genç		Independent Learning

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK III / 14-18 Nov 2022

	Monday 14-Nov-2022	Tuesday 15-Nov-2022	Wednesday 16-Nov-2022	Thursday 17-Nov-2022	Friday 18-Nov-2022
09.00- 09.50	Lecture Tracheobronchitis B. Salepçi	Lecture Pulmonary Tuberculosis B. Salepçi	Independent Learning	Lecture Rheumatic Heart Disease A. Sav	ICP-CSL (Advanced Cardiac Life Support) T. Utku / N. Kızılcık
10.00- 10.50	Lecture Pneumoniae B. Salepçi	Lecture Pulmonary Embolism B. Salepçi	Independent Learning	Lecture CVS Tumors A. Sav	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 M. İ Şahin	Lecture Drugs Used in Cardiac Arrhythmias I A. C. Andaç	
12.00- 12.50	Lecture Atherosclerosis & Hypertension II A. Sav	Lecture Emergency Evaluation of Dyspnea H. Candemir	Lecture Nasopharyngeal and Oropharyngeal Diseases M. İ Şahin	Lecture Drugs Used in Cardiac Arrhythmias II A. C. Andaç	Independent Learning
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Congestive Heart Failure F. Özkan	Lecture Pulmonary Hypertension B. Salepçi	Independent Learning	Lecture Laryngeal and Voice Diseases M. İ Şahin	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	Independent Learning	Lecture Diseases of the Middle Ear and Eustachian Tube M. İ Şahin	Group A IL Group B IL Group C Small Group Study SRPC Group D ICP
16.00- 16.50	Lecture Chronic Obstructive Pulmonary Diseases F. Özkan	Lecture Congenital Lung Anomalies & Atelectasis F. Özkan	Independent Learning	Lecture Pulmonary Infections I E. Hacıhasanoğlu	
17.00-17.50	Lecture Asthma Bronchiale F. Özkan	Lecture Pathology of Upper Respiratory Tract F. Özkan	Independent Learning	Lecture Pulmonary Infections II E. Hacıhasanoğlu	Independent Learning

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK IV / 21-25 Nov 2022

	Monday 21-Nov-2022	Tuesday 22-Nov-2022	Wednesday 23-Nov-2022	Thursday 24-Nov-2022	Friday 25-Nov-2022
09.00- 09.50	Independent Learning	Lecture Pathology of Endocardium & Heart Valves I A. Sav	Independent Learning	Independent Learning	Independent Learning
10.00- 10.50	Independent Learning	Lecture Pathology of Endocardium & Heart Valves II A. Sav	Independent Learning	Lecture Diuretic Agents I A.C. Andaç	Lecture Approach to Patient with Chest Pain in Primary Care I G. İzbirak
11.00- 11.50	Independent Learning	Lecture Tumors of the Respiratory System I A. Sav	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. İzbirak
12.00- 12.50	Independent Learning	Lecture Tumors of the Respiratory System II A. Sav	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				Lecture Tobacco Control and Chronic Non-Communicable Diseases I E. Çayır
15.00- 15.50	Group C ICP	Group D Small Group Study SRPC	Group A IL	Group B IL	Pathology Laboratory (Cardiovascular and Respiratory Systems) F. Özkan / A. Sav
16.00- 16.50					
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK V / 28 Nov-2 Dec 2022

	Monday 28-Nov-2022	Tuesday 29-Nov-2022	Wednesday 30-Nov-2022				Thursday 1-Dec-2022	Friday 2-Dec-2022
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	Independent Learning
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	Independent Learning
11.00- 11.50	Lecture Surgical Disorders of Mediastinum and the Diaphragm S. Ercan	Lecture Cardiac Infections M. Sönmezoğlu					Independent Learning	Independent Learning
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 E. Çayır				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 E. Çayır				Independent Learning	Independent Learning

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK VI / 5-9 Dec 2022

	Monday 5-Dec-2022	Tuesday 6-Dec-2022	Wednesday 7-Dec-2022	Thursday 8-Dec-2022	Friday 9-Dec-2022
09.00- 09.50	Lecture Bronchiectasis S. Akduman	Lecture Interstitial Lung Diseases B. Salepçi	Lecture Upper and Lower Respiratory System Infections I M. Sönmezoğlu	Lecture Approach to the Pediatric Patient with Pneumonia P. Saf	Independent Learning
10.00- 10.50	Lecture Lung Cancer S. Akduman	Lecture Sleep Apnea Syndrome B. Salepçi	Lecture Upper and Lower Respiratory System Infections II M. Sönmezoğlu	Lecture Epidemiology and Prevention of Cardiovascular Diseases I H.A.Taşıykan	Independent Learning
11.00- 11.50	Lecture Pleural Diseases S. Akduman	Multidisciplinary Case Discussion Panel	Lecture Inherited Respiratory System Disorders A. Ç. Kuşkucu	Lecture Epidemiology and Prevention of Cardiovascular Diseases II H.A.Taşıykan	Independent Learning
12.00- 12.50	Lecture X-Ray Examination of the Lungs F. Çelebi	Multidisciplinary Case Discussion Panel	Lecture Inherited Cardiovascular Disorders A.Ç. Kuşkucu	Lecture Public Health and Chronic Non-Communicable Diseases H.A. Taşıykan	Independent Learning
12.50- 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Ethical Issues at the Beginning of Life E. Vatanoğlu Lutz	Lecture Chronic Restrictive Pulmonary Diseases I A. Sav	Independent Learning	Independent Learning	Independent Learning
15.00- 15.50	Lecture Ethical Issues in Paediatrics E. Vatanoğlu Lutz	Chronic Restrictive Pulmonary Diseases II A. Sav	Independent Learning	Independent Learning	Independent Learning
16.00- 16.50	Lecture Ethics in Intensive Care E. Vatanoğlu Lutz	Lecture Congenital Heart Disease I A. Sav	INTRODUCTION TO ELECTIVE COURSES (ONLINE)	Independent Learning	Independent Learning
17.00-17.50	Lecture Ethics in Psychiatry E. Vatanoğlu Lutz	Lecture Congenital Heart Disease II A. Sav	INTRODUCTION TO ELECTIVE COURSES (ONLINE)	Independent Learning	Independent Learning

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK VII / 12-16 Dec 2022

	Monday 12-Dec-2022	Tuesday 13-Dec-2022	Wednesday 14-Dec-2022	Thursday 15-Dec-2022	Friday 16-Dec-2022
09.00- 09.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
10.00- 10.50				COMMITTEE EXAM	
11.00- 11.50					
12.00- 12.50					
13.00- 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
15.00- 15.50					
16.00- 16.50					
17.00-17.50					

COMMITTEE III - GASTROINTESTINAL SYSTEM

DISTRIBUTION of LECTURE HOURS

December 19, 2022 – January 13, 2023

COMMITTEE DURATION: 4 WEEKS

COURSES							
MED 302	INTRODUCTION to CLINICAL SCIENCES	ABBR.	THEO.	PRAC./LAB.	SMALL GROUP DISCUSSION	DISCUSSION	TOTAL
	DISCIPLINE/COMPONENTS						
	GASTROENTEROHEPATOLOGY	GE	24	0	0	0	24
	PATHOLOGY	PT	14	2 Gr X 1 H	0	0	15
	BIOMEDICAL ETHICS&DEONTOLOGY	BED	10	0	0	0	10
	PHARMACOLOGY	PC	5	0	0	0	5
	INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY	IDCM	4	0	0	0	4
	PUBLIC HEALTH	PH	3	0	0	0	3
	PHYTOTHERAPY	PHY	3	0	0	0	3
	BIOSTATISTICS	BS	3	0	0	0	3
	IMMUNOLOGY	IMM	2	0	0	0	2
	PATHOPHYSIOLOGY	PP	2	0	0	0	2
	FAMILY MEDICINE	FM	2	0	0	0	2
	MEDICAL GENETICS	MG	2	0	0	0	2
	EMERGENCY MEDICINE	EM	2	0	0	0	2
	RADIOLOGY	RAD	1	0	0	0	1
	PEDIATRICS	PED	1	0	0	0	1
	PEDIATRIC SURGERY	PEDS	1	0	0	0	1
	GENERAL SURGERY	GS	1	0	0	0	1
	INTERDISCIPLINARY	MCDP	0	0	0	2	2
	SCIENTIFIC RESEARCH and PROJECT III	SRP	0	0	4GrX2 H	0	2
	TOTAL		80	1	2	2	85
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III		4Gr X 3H			3
INDEPENDENT LEARNING HOURS							59

Coordination Committee

HEAD	Meltem Ergün, MD, Assoc. Prof.
SECRETARY	Emin Gökhan Gencer, MD, Assist. Prof.
MEMBER	Ferda Özkan, MD, Prof.
MEMBER	Ezgi Hacıhasanoğlu, 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. 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	Hale Arık Taşyikan, MD, Assist. Prof Ebru Çayır, 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.
FAMILY MEDICINE	Güldal İzbirak, MD, Prof. Özlem Tanrıöver, MD, Prof.
BIOSTATISTICS	Çiğdem Keleş, PhD, Assist. Prof.
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, MD, Assoc. Prof.
EMERGENCY MEDICINE	Hande Candemir, MD, Assist. Prof. Emin Gökhan Gencer, MD, Assist. Prof.
PEDIATRICS	Meltem Uğraş, MD, Prof.
PEDIATRIC SURGERY	Şafak Karaçay, MD, Assoc.Prof.
GENERAL SURGERY	Cüneyt Kayaalp, MD, Prof.
RADIOLOGY	Ayşegül Görmez, MD, Assist. Prof.
IMMUNOLOGY	Gülderen Yanıkaya Demirel, MD, PhD, Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Özlem Tanrıöver, MD, Prof. Güldal İzbirak, MD, Prof. Serdar Özdemir, MD, Assist. Prof. Ali Ediz Kıvanç, MD Lecturer

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	27	7	7	41
		M. Ergün				
		M. A. Öztürk				
G2	PT	F. Özkan	17	4	4	25
		E. Hacıhasanoğlu				
G8	BED	E. Vatanoglu	11	3	3	17
G7	PC	E. Genç	6	2	2	10
		E. N. Özdamar				
		A. Cenk Andaç				
G1-G6	IDCM	M. Sönmezoglu	6	1	1	8
G3, G4	PH	H.A.Taşyikan	3	1	1	5
		E. Çayır				
G11	PHR (PHY)	E. Yeşilada	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. İzbrak	2	1	1	4
		Ö. Tanrıöver				
G9	MG	A.Ç. Kuşkucu	2	1	1	4
G5	EM	H. Candemir	2	0	0	2
		E. G. Gencer				
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	DISCIPLINE	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 / 19-23 Dec 2022

	Monday 19-Dec-2022	Tuesday 20- Dec -2022	Wednesday 21- Dec -2022	Thursday 22- Dec -2022	Friday 23- Dec -2022
09.00- 09.50	Lecture Palliative Care Ethics E. Vatanoglu Lutz	Lecture Ethics of Dealing with Addiction E. Vatanoglu Lutz	Lecture Semiology I M. A. Öztürk	Lecture Functional GI Disorders & Irritable Bowel Disease C. Pata	Independent Learning
10.00- 10.50	Lecture Medical Ethical Decision-Making E. Vatanoglu Lutz	Lecture Ethics of Elective Interventions E. Vatanoglu Lutz	Lecture Semiology II M. A. Öztürk	Lecture Cirrhosis and Portal Hypertension C. Pata	Lecture Comparing Groups-categorical Data Ç. Keleş
11.00- 11.50	Lecture Ethics and the Law E. Vatanoglu Lutz	Lecture The Ethics of Testing and Screening E. Vatanoglu Lutz	Lecture Steatohepatitis M. A. Öztürk	Lecture Radiology of Gastrointestinal System A. Görmez	Lecture Comparing Groups-countinous Data I Ç. Keleş
12.00- 12.50	Lecture Public Health Ethics E. Vatanoglu Lutz	Lecture The Ethics of Dealing with Infectious Diseases E. Vatanoglu Lutz	Lecture Alcoholic Liver Disease M. A. Öztürk	Lecture Pathophysiology of Gastrointestinal Disorders I M. Kaçar	Lecture Comparing Groups-countinous Data II Ç. Keleş
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Lecture The Ethics of Patents on Life E. Vatanoglu Lutz	Lecture Ethical Issues at the End of Life E. Vatanoglu Lutz	Lecture Abdominal Pain M. Ergün	Lecture Jaundice M. Ergün	Lecture Acute Gastroenteritis M. Sönmezoğlu
15.00- 15.50	Lecture Agents used in the Treatment of Peptic Ulcer I E. Genç	Lecture Gastrointestinal Bleedings in Children Ş. Karaçay	Lecture Disease of the Bile Duct and Gall Bladder M. Ergün	Lecture Tumors of Esophagus, Stomach and Small Intestine M. Ergün	Lecture Hepatitis I M. Sönmezoğlu
16.00- 16.50	Lecture Agents used in the Treatment of Peptic Ulcer II E. Genç	Lecture Approach to the Patient with Abdominal Pain Regarding to Primary Care G. İzbirak	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	Lecture Approach to the Patient with Abdominal Pain Regarding to Primary Care G. İzbirak	Independent Learning	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 / 26-30 Dec 2022

	Monday 26-Dec-2022	Tuesday 27-Dec-2022	Wednesday 28-Dec-2022	Thursday 29-Dec-2022	Friday 30-Dec-2022
09.00- 09.50	Lecture Public Health and Nutrition I E. Çayır	Lecture Oral Pathology F. Özkan	Independent Learning	Independent Learning	Lecture Transplantation of liver C. Kayaalp
10.00- 10.50	Lecture Public Health and Nutrition II E. Çayır	Lecture Pathology of Esophagus I F. Özkan	Lecture Gastritis and Helicobacter Pylori C. Pata	Independent Learning	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 Gastroesophageal Reflux (GE) and Esophageal Motility Disorder C. Pata	Lecture Pathology of Stomach I F. Özkan	Lecture Pathology of Liver II E. Hacıhasanoğlu
12.00- 12.50	Lecture Autoimmune Hepatitis M. Ergün	Lecture Antiemetic Agents A. C. Andaç	Lecture Chronic /Viral Hepatitis C. Pata	Lecture Pathology of Stomach II F. Özkan	Lecture Pathology of Appendix & Peritoneum E. Hacıhasanoğlu
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Wilson Disease and Hemochromatosis M. Ergün	ICP-CSL Physical Examination of Gastrointestinal System A. E. Kıvanç ICP-CSL History Taking S. Özdemir / G. İzbirak/ Ö. Tanrıöver Group C ICP		Lecture Phytotherapy-IV E. Yeşilada	Lecture Toxic Hepatitis M. Ergün
15.00- 15.50	Lecture Mass Lesions of the Liver M. Ergün	Group D Small Group Study SRPC Group C ICP Group A IL Group B IL		Lecture Phytotherapy-V E. Yeşilada	Lecture Tumors of the Bile Ducts and Pancreas M. Ergün
16.00- 16.50	Lecture Epidemiology, Prevention and Control of Obesity H. A. Taşyikan			Lecture Phytotherapy-VI E. Yeşilada	Lecture Malabsorption M. Ergün
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Lecture Peptic Ulcer Disease M. Ergün	Independent Learning

COMMITTEE III - GASTROINTESTINAL SYSTEM
WEEK III / 2-6 Jan 2023

	Monday 2-Jan-2023		Tuesday 3-Jan-2023		Wednesday 4-Jan-2023		Thursday 5-Jan-2023		Friday 6-Jan-2023		
09.00- 09.50	Lecture Pathology of Liver & Biliary System I E. Hacıhasanoğlu		Lecture Pathology of Intestinal Diseases I F. Özkan		Independent Learning		ICP-CSL History Taking S. Özdemir / G. İzbirak/ Ö. Tanrıöver Group B ICP ICP-CSL Physical Examination of Gastrointestinal System Group B ICP A. E. Kıvanç		ICP-CSL History Taking S. Özdemir / G. İzbirak/ Ö. Tanrıöver Group D ICP ICP-CSL Physical Examination of Gastrointestinal System) Group D ICP A. E. Kıvanç		
10.00- 10.50	Lecture Pathology of Liver & Biliary System II E. Hacıhasanoğlu		Lecture Pathology of Intestinal Diseases II F. Özkan		Independent Learning						
11.00- 11.50	Lecture Pathology of Liver & Biliary System III E. Hacıhasanoğlu		Lecture Inflammatory Bowel Disease M. Ergün		Independent Learning						
12.00- 12.50	Lecture Pathology of Liver & Biliary System IV E. Hacıhasanoğlu		Lecture Premalignant Lesion of the Colon M. Ergün		Lecture Clinical Nutrition M. Uğraş		Lecture Approach to the Patient with Diarrhea Regarding to Primary Care Ö. Tanrıöver		Lecture Mesenteric Ischemia H.Candemir		
12.50 – 14.00	LUNCH BREAK										
14.00- 14.50	Pathology Laboratory (Gastrointestinal System) F. Özkan/ A. Sav	Group B	Group A IL	Multidisciplinary Case Discussion Panel		ICP-CSL History Taking and Physical Examination of Gastrointestinal System A. E. Kıvanç / S. Özdemir / G. İzbirak/ Ö. Tanrıöver			Lecture Immunologic Tolerance and Autoimmunity G. Yanıkkaya Demirel		
15.00- 15.50		Group B IL	Group A	Multidisciplinary Case Discussion Panel		Group A ICP (Face to face)	Group B Small Group Study SRPC	Group C IL	Group A ICP	Lecture Immunologic Tolerance and Autoimmunity G. Yanıkkaya Demirel	
16.00- 16.50		Independent Learning		Lecture Clinical Approach to the Patient with Acute Abdominal Pain E. G. Gencer						Lecture Complex Diseases-Inherited Gastrointestinal System Disorders A.Ç. Kuşkuçu	
17.00-17.50	Independent Learning		Lecture Laxatives E. N. Özdamar		Independent Learning			Lecture Complex Diseases-Inherited Gastrointestinal System Disorders A.Ç. Kuşkuçu			

**COMMITTEE III - GASTROINTESTINAL SYSTEM
WEEK IV / 9-13 Jan 2023**

	Monday 9-Jan-2023	Tuesday 10-Jan-2023	Wednesday 11-Jan-2023	Thursday 12-Jan-2023	Friday 13-Jan-2023
09.00- 09.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
10.00- 10.50					COMMITTEE EXAM
11.00- 11.50					
12.00- 12.50					
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
15.00 -15.50					
16.00 - 16.50					
17.00 - 17.50					

COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS

DISTRIBUTION of LECTURE HOURS

January 16, 2023 – March 17, 2023

COMMITTEE DURATION: 7 WEEKS

COURSES							
MED 302	INTRODUCTION to CLINICAL SCIENCES	ABBR.	THEO.	PRAC./LAB.	SMALL GROUP DISCUSSION	DISCUSSION	TOTAL
	DISCIPLINE/COMPONENTS						
	PATHOLOGY	PT	32	2 Gr X 1 H	0	0	33
	OBST & GYNEC	OBS-GYN	16	0	0	0	16
	ENDOCRINOLOGY	END	15	0	0	0	15
	NEPHROLOGY	NE	15	0	0	0	15
	PHARMACOLOGY	PC	14	0	0	0	14
	INFECTIOUS DISEASES	ID	5	0	0	0	5
	MEDICAL MICROBIOLOGY	MM	0	4 Gr X 3 H	0	0	3
	PATHOPHYSIOLOGY	PP	7	0	0	0	7
	MEDICAL GENETICS	MG	6	0	0	0	6
	PEDIATRICS	PED	6	0	0	0	6
	UROLOGY	URO	6	0	0	0	6
	FAMILY MEDICINE	FM	4	0	0	0	4
	PUBLIC HEALTH	PH	4	0	0	0	4
	BIOSTATISTICS	BS	3	0	0	0	3
	IMMUNOLOGY	IM	2	0	0	0	2
	BIOMEDICAL ETHICS&DEONTOLOGY	BED	2	0	0	0	2
	PHYTOTHERAPY	PHR	2	0	0	0	2
	RADIOLOGY	RAD	2	0	0	0	2
	EMERGENCY MEDICINE	EM	1	0	0	0	1
	PEDIATRIC SURGERY	PED-S	1	0	0	0	1
	GENERAL SURGERY	GS	1	0	0	0	1
	INTERDISCIPLINARY	MCDP	0	0	0	2	2
	SCIENTIFIC RESEARCH and PROJECT III	SRPC	0	0	4Gr X 4H	0	4
	TOTAL		144	4	4	2	154
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III		4Gr X9H			9
INDEPENDENT LEARNING HOURS							64

Coordination Committee

HEAD	Özlem Haliloğlu, MD, Assoc. Prof.
SECRETARY	Cenk Andaç, 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	Fahrettin Keleştemur, MD, Prof. Özlem Haliloğlu, MD, Assoc. 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	Aynur Eren, MD, Prof. Güner Söyletir, MD, Prof.
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, Prof.
BIOMEDICAL ETHICS&DEONTOLOGY	Elif Vatanoğlu Lutz, MD, PhD, Assoc. Prof.
PUBLIC HEALTH	Hale Arık Taşyikan, MD, Assist. Prof. Ebru Çayır, 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	Elif Sağsak, MD, Assoc. Prof.
BIostatISTICS	Çiğdem Keleş, PhD, Assist. Prof.
RADIOLOGY	Melih Topçuoğlu, MD, Assoc. Prof. Esin Yencilek, MD, Assoc. Prof.
PHYTOTHERAPY	E. Yeşilada, Prof
NEPHROLOGY	Gülçin Kantarcı, MD, Prof. Abdullah Özkök, MD, Prof
UROLOGY	Mustafa Yüksel, MD.
PEDIATRIC SURGERY	Şafak Karaçay, MD, Assoc. Prof.
GENERAL SURGERY	Fırat Demircan, MD, Assist. Prof.
EMERGENCY MEDICINE	Emin Gökhan Gencer, MD, Assist. Prof.
IMMUNOLOGY	Gülderen Yanıkaya Demirel, MD, PhD, Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Mert Yeşiladalı, MD, Assist. Prof. Petek Feriha Uzuner, MD, Melis Gökçe Koçer Yazıcı, MD, Assist. Prof. Özlem Tanrıöver, MD, Prof. Ayşe Arzu Akalın, MD, Assist. Prof. Kinyas Kartal, MD, Assoc. Prof. Emre Özer, MD, Mustafa Berber, MD, Assist. Prof.

COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS

AIMS and LEARNING OBJECTIVES

AIMS

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

LEARNING OBJECTIVES OF ENDOCRINE and REPRODUCTIVE SYSTEMS

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

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

LEARNING OBJECTIVES OF URINARY SYSTEM

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

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

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

PHASE III						
COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES						
COURSE COMPONENT: COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS						
QUESTION DISTRIBUTION TABLE						
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
E.2, U.2	PT	F. Özkan	20	10	10	40
		A. Sav				
		E. Hacıhasanoğlu				
E.1 – E.6	OBS-GYN	O. Ünal	11	5	5	21
		R. Attar				
		G. Yıldırım				
		T. Demirören				
		E. Attar				
E.1 – E.6	END	F. Keleştemur	9	5	5	19
		Ö. Haliloğlu				
U.1 – U.6	NE	G. Kantarcı	9	5	5	19
		A. Özkök				
E.7, U.7	PC	E. Genç	9	4	4	17
		E. N. Özdamar				
E.1 – E.6, U.1 – U.6	IDCM	M. Sönmezoğlu	3	2	2	7
E.5, U.5	PP	M. Kaçar	4	2	2	8
E.8, U.8	MG	A. Ç. Kuşkucu	4	2	2	8
E.1 – E.6, U.1 – U.6	PED	M. Berber	2	1	1	4
		F.T. Coşkun				
		Ç. Ayanoğlu				
E.1 – E.6	PED END	E. Sağsak	2	1	1	4
U.1 – U.6	URO	M. Yüksel	4	2	2	8
E.6, U.6	FM	A.A. Akalın	2	2	2	6
		Ö. Tanrıöver				
E.3, E.4, U.3, U.4	PH	H.A. Taşyikan	2	1	1	4
		E. Çayır				
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)	E. Yeşilada	1	1	1	3
E.5, U.5	RAD	M. Topçuoğlu	1	1	1	3
		E. Yencilek				
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.5, U.5	GS	F. Demircan	1	0	0	1
TOTAL			90	47	47	184
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
E.1 – E.6	END	Ö. Haliloğlu	1	-	-	1
E.1 – E.6	OBS-GYN	T. Demirören	1	-	-	1
U.1 – U.6	NE	G. Kantarcı	1	-	-	1
U.1 – U.6	URO	M. Yüksel	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 / 16 – 20 Jan 2023

	Monday 16-Jan-2023	Tuesday 17-Jan-2023	Wednesday 18-Jan-2023	Thursday 19-Jan-2023				Friday 20-Jan-2023
09.00- 09.50	Lecture Introduction to Endocrinology F. Keleştemur	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 / M.G.K. Yazıcı				Lecture Introduction to Endocrine Pharmacology E. Genç
10.00- 10.50	Lecture Introduction to Diabetes Mellitus Ö. Haliloğlu	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 IIL	Group D IIL	Lecture Thyroid and Antithyroid Drugs I E. Genç
11.00- 11.50	Lecture Clinical and Laboratory Findings of Diabetes Mellitus Ö. Haliloğlu	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 Ö. Haliloğlu	Lecture Relation Between Two Variables II Ç. Keleş	Lecture Hypertensive Disorders in Pregnancy E.G. Gencer	Independent Learning				Lecture Pathology of Pancreas A. Sav
12.50 – 14.00	LUNCH BREAK							
14.00- 14.50	Lecture Pathology of Endocrine System: Introduction A. Sav	Lecture Calcium Metabolism Ö. Haliloğlu	Lecture Prenatal Genetic Diagnosis A. Ç. Kuşkucu	Lecture Normal Pubertal Development E. Sağsak				Lecture Hypoglycemia F. Keleştemur
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 E. Sağsak				Lecture Hypercalcemic Diseases Ö. Haliloğlu
16.00- 16.50	Lecture Pathology of Pituitary Gland II A. Sav	Lecture Physical Examination of Child Patient M. Berber	Independent Learning	Lecture Pubertal Disorders E. Sağsak				Lecture Pathology of Thyroid & Parathyroid I A. Sav
17.00-17.50	Lecture Pathology of Pancreas A. Sav	Lecture Imaging of Thyroid Glands E. Yencilek	Independent Learning	Independent Learning				Lecture Pathology of Thyroid & Parathyroid II A. Sav

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

MIDTERM BREAK
23 JANUARY – 3 FEBRUARY 2023

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS
WEEK II / 6 – 10 Feb 2023

WEEK 17 / 6 – 10 FEB 2023								
	Monday 6-Feb-2023	Tuesday 7-Feb-2023	Wednesday 8-Feb-2023	Thursday 9-Feb-2023			Friday 10-Feb-2023	
09.00- 09.50	Lecture Puerperal Infections T. Demirören	Lecture Fluid, Electrolyte I G. Kantarcı	Independent Learning	ICP-CSL Follow-up of Pregnancy & Stages of Normal Labour & Gynecological Examination, PAP Smear Obtaining R M. Yeşiladalı / P.F.Uzuner / M.G.K. Yazıcı			Lecture Conditions Affecting Vulva & Vagina O. Ünal	
10.00- 10.50	Lecture Normal and Abnormal Labor T. Demirören	Lecture Fluid, Electrolyte II G. Kantarcı	Independent Learning	Group A Small Group Study SRPC	Group B ICP	Group C IL	Group D IL	Lecture Menopause E. Attar
11.00- 11.50	Lecture Insulin and Oral Antidiabetic Drugs I E. Genç	Lecture Hyperfunctioning Disorders of Anterior Pituitary Gland F. Keleştemur	Lecture The Gynecological History and Examination G. Yıldırım					Lecture Fertility Control E. Attar
12.00- 12.50	Lecture Insulin and Oral Antidiabetic Drugs II E. Genç	Lecture Disorders of Posterior Pituitary Gland F. Keleştemur	Lecture Endometriosis & Adenomyosis G. Yıldırım	Lecture Congenital Anomalies of The Urinary System Ş. Karaçay			Lecture Infertility E. Attar	
12.50-14.00	LUNCH BREAK							
14.00- 14.50	Lecture Pathology of Vulva & Vagina F. Özkan	Lecture Hypopituitarism F. Keleştemur	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 Ö. Haliloğlu	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 Ö. Haliloğlu	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 Ö. Haliloğlu	Lecture Disorders of Early Pregnancy (Miscarriage; Ectopic; GTD) T. Demirören	Lecture Imaging of Urinary System M. Topçuoğlu				

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS
WEEK III / 13 – 17 Feb 2023

	Monday 13-Feb-2023	Tuesday 14-Feb-2023	Wednesday 15-Feb-2023	Thursday 16-Feb-2023				Friday 17-Feb-2023			
09.00-09.50	Lecture Agents Effecting Bone Mineral Homeostasis I E. Genç	Microbiology Laboratory (Diagnostic Tests of Urinary Specimens and Urogenital Specimens-I) G. Söyletir Group A	Lecture Immunology of Reproduction G. Yanıkkaya Demirel	ICP-CSL Follow-up of Pregnancy & Stages of Normal Labour & Gynecological Examination, PAP R M. Yeşiladalı / P.F.Uzuner / M.G.K. Yazıcı				ICP-CSL Follow-up of Pregnancy & Stages of Normal Labour & Gynecological Examination, PAP R M. Yeşiladalı / P.F.Uzuner / M.G.K. Yazıcı			
10.00-10.50	Lecture Agents Effecting Bone Mineral Homeostasis II E. Genç		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	Group B	Lecture Hypocalcemic Diseases Ö. Haliloğlu								
12.00-12.50	Lecture Pathophysiology of Reproductive System Diseases II M. Kaçar		Lecture Adrenal Disorders Ö. Haliloğlu								
12.50-14.00	LUNCH BREAK										
14.00-14.50	Lecture Normal and Abnormal Sexual Development & Puberty R. Attar	Group C	Microbiology Laboratory (Diagnostic Tests of Urinary Specimens and Urogenital Specimens-II) G. Söyletir Group A	Lecture Congenital Infections and Sexually Transmitted Diseases, Genital Infections I M. Sönmezoğlu				ELECTIVE WEEK II		Independent Learning	
15.00-15.50	Lecture The Menstrual Cycle and Disorders of the Menstrual Cycle R. Attar		Group B	Lecture Congenital Infections and Sexually Transmitted Diseases, Genital Infections II M. Sönmezoğlu							
16.00-16.50	Lecture Pathology of Urinary System Tumors E. Hacıhasanoğlu	Group D	Group C	Lecture Congenital Infections and Sexually Transmitted Diseases, Genital Infections III M. Sönmezoğlu				Independent Learning		ELECTIVE WEEK II	
17.00-17.50	Lecture Congenital Anomalies of Urinary System E. Hacıhasanoğlu		Group D	Independent learning							

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK IV / 20 – 24 Feb 2023

	Monday 20-Feb-2023	Tuesday 21-Feb-2023	Wednesday 22-Feb-2023	Thursday 23-Feb-2023	Friday 24-Feb-2023		
09.00- 09.50	Lecture Pathology of Glomerular Diseases I E. Hacıhasanoğlu	Lecture Pathology of Ovary I F. Özkan	Lecture Benign Diseases of the Uterus and the Cervix R. Attar	Programme Improvement Session	Lecture Pathology of Cervix Uteri I F. Özkan		
10.00- 10.50	Lecture Pathology of Glomerular Diseases II E. Hacıhasanoğlu	Lecture Pathology of Ovary II F. Özkan	Lecture Benign Diseases of the Ovary R. Attar		Lecture Malign Diseases of the Uterus and the Cervix O. Ünal	Lecture Pathology of Cervix Uteri II F. Özkan	
11.00- 11.50	Lecture Pathology of Glomerular Diseases III E. Hacıhasanoğlu	Lecture Pathology of Tubulointerstitial Disease I E. Hacıhasanoğlu	Lecture Nephritic Syndrome G. Kantarcı	Lecture Malign Diseases of the Ovary O. Ünal	Lecture Chromosomal Disorders I A. Ç. Kuşkucu		
12.00- 12.50	Lecture Androgens & Anabolic Steroids E. Genç	Lecture Pathology of Tubulointerstitial Disease II E. Hacıhasanoğlu	Lecture Nephrotic Syndrome G. Kantarcı	Lecture Conditions Affecting Vulva & Vagina O. Ünal	Lecture Chromosomal Disorders II (Sex Chromosomes and their Abnormalities) A. Ç. Kuşkucu		
12.50 – 14.00	LUNCH BREAK						
14.00- 14.50	Lecture Delivery of Family Planning Services I A. Akalın	ICP-CSL (Clinical Breast Examination) K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın		Lecture Acute Kidney Injury-I G. Kantarcı	Lecture Pathology of Uterus I F. Özkan	ELECTIVE WEEK III	Independent Learning
15.00- 15.50	Lecture Delivery of Family Planning Services II A. Akalın	Group A IL	Group B IL	Group C Small Group Study	Group D ICP		
16.00- 16.50	Lecture Renovascular Pathology E. Hacıhasanoğlu					Independent Learning	Lecture The Kidney Systemic Disease and Inherited Disorders A. Özkök
17.00-17.50	Lecture Renal Cystic Disease E. Hacıhasanoğlu					Independent Learning	Independent Learning

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK V / 27 Feb – 3 Mar 2023

	Monday 27-Feb-2023	Tuesday 28-Feb-2023	Wednesday 1-Mar-2023	Thursday 2-Mar-2023	Friday 3-Mar-2023				
09.00- 09.50	Lecture Benign Prostatic Hyperplasia-I M. Yüksel	Lecture Chronic Kidney Disease A.Özkök	Independent Learning	Lecture Pathophysiology of Urinary System Diseases I M. Kaçar	Independent Learning				
10.00- 10.50	Lecture Benign Prostatic Hyperplasia-II M. Yüksel	Lecture Chronic Kidney Disease A.Özkök	Lecture Acid/ Base Balance I A.Özkök	Lecture Pathophysiology of Urinary System Diseases II M. Kaçar	Independent Learning				
11.00- 11.50	Lecture Urologic Emergencies M. Yüksel	Lecture Estrogens, Progestines and Inhibitors I E. N. Özdamar	Lecture Acid/ Base Balance II A.Özkök	Lecture Pathology of Male Genital System I E. Hacıhasanoğlu	Independent Learning				
12.00- 12.50	Lecture Approach to the Patient with Urinary Tract Symptoms M. Yüksel	Lecture Estrogens, Progestines and Inhibitors II E. N. Özdamar	Lecture Clinical Study of Renal Functions and Urinary Findings G. Kantarcı	Lecture Pathology of Male Genital System II E. Hacıhasanoğlu	Independent Learning				
12.50 -14.00	LUNCH BREAK								
14.00- 14.50	ICP-CSL Clinical Breast Examination K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın		Independent Learning	Lecture Urologic Oncology I M. Yüksel	ELECTIVE WEEK IV	Independent Learning			
15.00- 15.50	Group A Small Group Study SRPC	Group B ICP	Group C & D IL	Group A IL			Group B IL	Group C ICP	Group D Small Group Study SRPC
16.00- 16.50					Independent Learning	Lecture Upper and Lower Urinary Tract Infections I M. Sönmezoğlu			
17.00-17.50	Independent Learning		Independent Learning	Lecture Upper and Lower Urinary Tract Infections II M. Sönmezoğlu	Independent Learning	ELECTIVE WEEK IV			

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK VI / 6 – 10 Mar 2023

	Monday 6-Mar-2023				Tuesday 7-Mar-2023	Wednesday 8-Mar-2023	Thursday 9-Mar-2023				Friday 10-Mar-2023	
09.00- 09.50	Pathology Laboratory (Urinary System) <i>A.Sav/ F. Özkan</i>	Group A	Group B IL		Lecture Hypothalamic and Pituitary Hormones I <i>E. N. Özdamar</i>	Multidisciplinary Case Discussion Panel	ICP-CSL Physical Examination of the Newborn and Child Patient <i>Ç. Ayanoğlu / M. Berber / P. Saf</i>				Lecture Epidemiology, Prevention and Control of Type II Diabetes Mellitus <i>E. Çayır</i>	
10.00- 10.50		Group A IL	Group B	Lecture Hypothalamic and Pituitary Hormones II <i>E. N. Özdamar</i>	Multidisciplinary Case Discussion Panel	Group A ICP-CSL	Group B ICP-CSL	Group C IL	Group D IL	Lecture Reproductive, Maternal and Child Health II <i>H. A. Taşyikan</i>		
11.00- 11.50	Independent Learning			Lecture Relation Between Several Variables <i>Ç. Keleş</i>	Lecture Tubulointerstitial Diseases <i>A.Özkök</i>							Lecture Reproductive, Maternal and Child Health II <i>H. A. Taşyikan</i>
12.00- 12.50	Independent Learning			Lecture Transplantation of Kidney <i>F. Demircan</i>	Lecture Tubulointerstitial Diseases <i>A.Özkök</i>	Independent Learning				Lecture Reproductive, Maternal and Child Health II <i>H. A. Taşyikan</i>		
12.50- 14.00	LUNCH BREAK											
14.00- 14.50	ICP-CSL Clinical Breast Examination <i>K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın</i>				Lecture Nephritic and Nephrotic Syndrome <i>T. Coşkun</i>	Lecture Genetic disorders of gonadal development <i>A. Ç. Kuşkucu</i>	ICP-CSL Physical Examination of the Newborn and Child Patient <i>Ç. Ayanoğlu / M. Berber / P. Saf</i>				ELECTIVE COURSE WEEK V	Independent Learning
15.00- 15.50	Group B Small Group Study SRPC	Group A ICP	Group C IL	Group D IL	Lecture General Approach to the Pregnant Woman <i>Ö. Tanrıöver</i>	Lecture Genetic disorders of gonadal development <i>A. Ç. Kuşkucu</i>	Group A IL	Group B IL	Group C ICP-CSL	Group D ICP-CSL		
16.00- 16.50					Lecture Pathology of Bladder <i>E. Hacıhasanoğlu</i>	Lecture Phytotherapy-VII <i>E. Yeşilada</i>						
17.00-17.50	Independent Learning				Lecture Pathology of Pregnancy & Placenta <i>F. Özkan</i>	Lecture Phytotherapy-VIII <i>E. Yeşilada</i>	Independent Learning				Independent Learning	ELECTIVE COURSE WEEK VI

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK VII / 13 – 17 Mar 2023

WEEK VII/ 13 – 17 Mar 2023						
	Monday 13-Mar-2023	Tuesday 14-Mar-2023	Wednesday 15-Mar-2023	Thursday 16-Mar-2023	Friday 17-Mar-2023	
09.00- 09.50	Independent Learning	NATIONAL DOCTORS' DAY	Independent Learning	Independent Learning	Independent Learning	
10.00- 10.50				COMMITTEE EXAM		
11.00- 11.50						
12.00- 12.50						
12.50- 14.00	LUNCH BREAK					
14.00- 14.50	Independent Learning	NATIONAL DOCTORS' DAY	Independent Learning	Independent Learning	ELECTIVE WEEK VI	Independent Learning
15.00- 15.50						
16.00- 16.50						
17.00-17.50					Independent Learning	ELECTIVE WEEK VI

COMMITTEE V - NERVOUS SYSTEM AND PSYCHIATRY

DISTRIBUTION of LECTURE HOURS

March 20, 2023 – May 5, 2023

COMMITTEE DURATION: 7 WEEKS

COURSES							
	INTRODUCTION to CLINICAL SCIENCES	ABBR.	THEO.	PRAC./LAB.	SMALL GROUP DISCUSSION	DISCUSSION	TOTAL
	DISCIPLINE/COMPONENTS						
MED 302	NEUROSURGERY	NRS	15	4 Gr X1 H	0	0	16
	NEUROLOGY	NR	13	4 Gr X1 H	0	0	14
	PHARMACOLOGY	PC	17	0	0	0	17
	PATHOLOGY	PT	11	2 Gr X 1 H	0	0	12
	PSYCHIATRY	PCH	12	0	0	0	12
	PEDIATRICS	PED	4	0	0	0	4
	PUBLIC HEALTH	PH	4	0	0	0	4
	FAMILY MEDICINE	FM	3	0	0	0	3
	BIOSTATISTICS	BS	3	0	0	0	3
	CHILD PSYCHIATRY	C-PCH	3	0	0	0	3
	MEDICAL GENETICS	MG	3	0	0	0	3
	OPHTALMOLOGY	OPT	3	0	0	0	3
	PATHOPHYSIOLOGY	PP	2	0	0	0	2
	IMMUNOLOGY	IMM	2	0	0	0	2
	INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY	IDCM	2	0	0	0	2
	RADIOLOGY	RAD	1	0	0	0	1
	EMERGENCY MEDICINE	EM	1	0	0	0	1
	INTERDISCIPLINARY	MCDP	0	0	0	2	2
	SCIENTIFIC RESEARCH and PROJECT III	SRP	0	0	4Gr x2H	0	2
	TOTAL		99	3	2	2	106
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III		4Gr X6 H			6
	INDEPENDENT LEARNING HOURS						99

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. Cenk Andaç, MD, Assist. Prof.
PEDIATRICS	Mustafa Berber, MD, Assist. Prof.
PUBLIC HEALTH	Ebru Çayır, MD, Assist. Prof.
FAMILY MEDICINE	Güldal İzbirak, MD, Prof. Özlem Tanrıöver, MD, Prof.
RADIOLOGY	Gazanfer Ekinci, MD, 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	Emin Gökhan Gencer, MD, Assist. Prof.
IMMUNOLOGY	Gülderen Yanıkkaya Demirel, MD, PhD, Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

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

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:

- N1. to recall knowledge on anatomy, histology, and physiology of nervous system,
- N2. to define etiopathogenesis of clinical conditions related to nervous system and psychiatry,
- N3. to explain epidemiology of clinical conditions related to nervous system and psychiatry,
- N4. to explain prevention of clinical conditions, and protection or improvement of health against those clinical conditions related to nervous system and psychiatry,
- N5. to explain mechanisms of occurrence for frequently encountered clinical complaints, symptoms, signs, and findings in clinical conditions related to nervous system and psychiatry,
- N6. 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,
- N7. to convey knowledge on pharmacology of drugs that are effective on nervous system or on clinical conditions involving nervous system and psychiatry,
- N8. to convey necessary knowledge on genetic basis of clinical conditions related to nervous system and psychiatry,
- N9. to define design and biostatistical analysis of survival research,
- N10. 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	14	5	5	24
		E. N. Özdamar				
		C. Andaç				
1 – 6	NRS	M.G. Yaşargil	14	5	5	24
		U. Türe				
		A.H. Kaya				
		A. Panteli				
1 – 6	NR	B. Aktekin	12	4	4	20
		H. R. Bilgen				
1 – 6	PCH	O. Taycan	10	4	4	18
		S. Tunç				
		H. Atalay				
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	E. Çayır	3	1	1	5
6	FM	G. İzbirak	4	1	1	6
		Ö. Tanrıöver				
9	BS	Ç. Keleş	3	1	1	5
8	MG	A.Ç. Kuşkucu	3	1	1	5
1 – 6	C-PCH	O. Zahmacioğlu	3	1	1	5
1 – 6	OPT	V. Öztürk	3	1	1	5
5	PP	M. Kaçar	2	1	1	4
5	IDCM	M. Sönmezoğlu	2	1	1	4
5	RAD	G. Ekinci	1	0	0	1
5	EM	E.G. Gencer	1	0	0	1
TOTAL			90	31	31	152
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/INSTR UCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
1 – 6	NR	B. Aktekin	2	-	-	2
1 – 6	PCH	H. Atalay	2	-	-	2
1 – 6	NRS	U. Türe	1	-	-	1
TOTAL			5	-	-	5

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

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

Abbreviations

MCQ: Multiple Choice Question

EMQ: Extending Matching Question

CE: Committee Exam

CS: Committee Score

FE: Final Exam

ICE: Incomplete Exam

pts: Points

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

COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY
WEEK I / 20 – 24 Mar 2023

	Monday 20-Mar-2023	Tuesday 21-Mar-2023	Wednesday 22-Mar-2023	Thursday 23-Mar-2023	Friday 24-Mar-2023	
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 E. Çayır	Lecture Intracranial Tumors I M. Gazi Yaşargil	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 E. Çayır	Lecture Intracranial Tumors II M. Gazi Yaşargil		
16.00- 16.50	Independent Learning	Lecture Approach to Intoxicated Patient E. G.Gencer	Lecture Neuroimmunological Disorders G. Yanıkkaya Demirel	Independent Learning	Independent Learning	ELECTIVE WEEK VII – MIDTERM EXAM
17.00-17.50	Independent Learning	Independent Learning	Lecture Neuroimmunological Disorders G. Yanıkkaya Demirel	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 / 27 – 31 Mar 2023

	Monday 27-Mar-2023	Tuesday 28-Mar-2023	Wednesday 29-Mar-2023	Thursday 30-Mar-2023	Friday 31-Mar-2023	
09.00- 09.50	Lecture Hydrocephalus A. H. Kaya	Lecture Culture, Health and Illness E. Çayır	OSCE EXAM	OSCE EXAM	OSCE EXAM	
10.00- 10.50	Lecture Functional Neurosurgery A. H. Kaya	Lecture Behavioral Determinants of Health and Disease E. Çayır				
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 G.Ekinci				
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	Lecture Cerebral Malformations M. Berber	Lecture Cerebral Lobes and their Disorders R. Bilgen	Independent Learning	ELECTIVE WEEK VIII
17.00-17.50	Independent Learning	Independent Learning	Lecture Mental and Motor Development M. Berber	Lecture Dementia R. Bilgen		

COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY
WEEK III / 3 – 7 Apr 2022

	Monday 3-Apr-2023	Tuesday 4-Apr-2023	Wednesday 5-Apr-2023				Thursday 6-Apr-2023				Friday 7-Apr-2023							
09.00- 09.50	Lecture Tumors of CNS I A. Sav	Independent Learning	Neurosurgery Clinical Training A. H. Kaya A.Panteli		Neurology Clinical Training H.Şilek		ICP-CSL Neurological Examination & Psychiatric Examination E. Özcan / Y. Dede / O. Taycan / O. Zahmacıoğlu / H. Atalay / S. Tunç				Neurology Clinical Training H. Şilek		Neurosurgery Clinical Training A. H. Kaya A.Panteli					
10.00- 10.50	Lecture Tumors of CNS II A. Sav	Lecture Antiepileptics E. Genç	Group A	Group B	Group C	Group D	Group A IL	Group B IL	Group C ICP	Group D Small Group Study SRPC	Group A IL	Group B IL	Group C	Group D				
11.00- 11.50	Lecture Introduction to Psychiatry O. Taycan	Lecture Genetic Etiology of Mental Retardation I A. Ç. Kuşku	Independent Learning								Independent Learning							
12.00- 12.50	Lecture Psychiatric Interview, History O. Taycan	Lecture Genetic Etiology of Mental Retardation II A. Ç. Kuşku	Lecture Approach to Smoking Patient in Primary Care Ö. Tanrıöver								Independent Learning							
12.50 – 14.00	LUNCH BREAK																	
14.00- 14.50	Lecture Mood Disorders I H. Atalay	Lecture Diseases of Optic Nerves and Visual Fields V. Öztürk	Lecture Neurosurgical Infections A. Panteli				Pathology Laboratory (Nervous System) A.Sav/ F. Özkan	Group A	Group B IL	ELECTIVE WEEK IX	Independent Learning							
15.00- 15.50	Lecture Mood Disorders II H. Atalay	Lecture Pupilla V. Öztürk	Lecture Pediatric Neurosurgery A. Panteli									Group A IL	Group B					
16.00- 16.50	Lecture Anxiety Disorders: An Introduction H. Atalay	Lecture Neurological Emergencies R. Bilgen	Lecture Peripheral Nerve Compression Syndromes A. Panteli				Independent Learning				Independent Learning	ELECTIVE WEEK IX						
17.00-17.50	Independent Learning	Independent Learning	Independent Learning				Independent Learning											

COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY
WEEK IV / 10 – 14 Apr 2023

	Monday 10-Apr-2023	Tuesday 11-Apr-2023	Wednesday 12-Apr-2023				Thursday 13-Apr-2023				Friday 14-Apr-2023									
09.00- 09.50	Lecture Analysis of Survival Studies I Ç. Keleş	Lecture Local Anesthetics E. Genç	ICP-CSL General Physical Examination A. Bakan / Lecturer				ICP-CSL Neurological Examination & Psychiatric Examination E. Özcan / Y. Dede / O. Taycan / O. Zahmacioğlu / H. Atalay / S. Tunç				ICP-CSL General Physical Examination A. Bakan / Lecturer									
10.00- 10.50	Lecture Analysis of Survival Studies II Ç. Keleş	Lecture General Anesthetics E. Genç	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	Group A IL	Group B ICP	Group C IL	Group D IL						
11.00- 11.50	Lecture Psychiatric Epidemiology and Classification S. Tunç	Lecture Acute and Chronic Meningitis, Encephalitis I M. Sönmezoğlu																		
12.00- 12.50	Lecture Antimigraine Drugs E. N. Özdamar	Lecture Acute and Chronic Meningitis, Encephalitis II M. Sönmezoğlu	Independent Learning				Independent Learning				Independent Learning									
12.50 – 14.00	LUNCH BREAK																			
14.00- 14.50	Lecture Infectious Diseases of CNS I A. Sav	Lecture Design of Survival Studies Ç. Keleş	ICP-CSL Neurological Examination & Psychiatric Examination E. Özcan / Y. Dede / O. Taycan / O. Zahmacioğlu / H. Atalay / S. Tunç				Independent Learning				ELECTIVE WEEK X				Independent Learning					
15.00- 15.50	Lecture Infectious Diseases of CNS II A. Sav	Lecture General Physical Examination A. Bakan	Group A ICP	Group B Small Group Study SRPC	Group C IL	Group D IL	Independent Learning													
16.00- 16.50	Lecture CNS Stimulants and Hallucinogenic Drugs E. Genç	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 PSYCHIATRY
WEEK V / 17 – 21 Apr 2023

	Monday 17-Apr-2023	Tuesday 18-Apr-2023	Wednesday 19-Apr-2023	Thursday 20-Apr-2023	Friday 21-Apr-2023
09.00- 09.50	Independent Learning	Lecture Introduction to Child and Adolescent Psychiatry O. Zahmacioğlu	Independent Learning	Independent Learning	RAMADAN FEAST
10.00- 10.50	Lecture Approach to the Patient with Dementia in Primary Care G. İzbirak	Lecture Common Childhood Psychiatric Problems O. Zahmacioğlu	Multidisciplinary Case Discussion Panel	Independent Learning	
11.00- 11.50	Lecture Drug Dependence & Abuse E. Genç	Lecture Developmental Psychopathology: Risk and Protective Factors in Mental Development O. Taycan	Multidisciplinary Case Discussion Panel	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 Mental Development in Childhood and Adolescence O. Zahmacioğlu	Lecture Opioid Analgesics & Antagonists II E. Genç	
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Neuroscience I H. Atalay	Lecture Schizophrenia Spectrum and Other Psychotic Disorders I S. Tunç	Lecture Bipolar Disease & Lithium E. N. Özdamar	RAMADAN FEAST EVE	RAMADAN FEAST
15.00- 15.50	Lecture Neuroscience II H. Atalay	Lecture Schizophrenia Spectrum and Other Psychotic Disorders II S. Tunç	Lecture Antipsychotic Drugs E. N. Özdamar		
16.00- 16.50	Lecture Genetic Aspects of Psychiatric Disorders A. Ç. Kuşkucu	Lecture Sedative / Hypnotic Drugs I E. Genç	Lecture Depression in Primary Care G. İzbirak		
17.00-17.50	Lecture Antidepressant Drugs E. N. Özdamar	Lecture Sedative / Hypnotic Drugs II E. Genç	Independent Learning		

COMMITTEE V - NERVOUS SYSTEM AND PSYCHIATRY
WEEK VI / 24 – 28 Apr 2023

	Monday 24-Apr-2023	Tuesday 25-Apr-2023	Wednesday 26-Apr-2023				Thursday 27-Apr-2023				Friday 28-Apr-2023			
09.00- 09.50	Independent Learning	Independent Learning	ICP-CSL General Physical Examination A. Bakan / Lecturer				ICP-CSL Neurological Examination & Psychiatric Examination E. Özcan / Y. Dede / O. Taycan / O. Zahmacioğlu / H. Atalay / S. Tunç				ICP-CSL General Physical Examination A. Bakan / Lecturer			
10.00- 10.50	Independent Learning	Independent Learning	Group A IL	Group B IL	Group C IL	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 IL
11.00- 11.50	Independent Learning	Independent Learning									Group A IL	Group B IL	Group C ICP	Group D IL
12.00- 12.50	Independent Learning	Independent Learning	Independent Learning				Group A IL	Group B IL	Group C Small Group Study SRPC	Group D ICP	Independent Learning			
12.50 – 14.00	LUNCH BREAK													
14.00- 14.50	Independent Learning	Independent Learning	Independent Learning				Independent Learning				ELECTIVE WEEK XI	Independent Learning		
15.00- 15.50	Independent Learning	Independent Learning					Independent Learning							
16.00- 16.50	Independent Learning	Independent Learning					Independent Learning				Independent Learning	ELECTIVE WEEK XI		
17.00-17.50	Independent Learning	Independent Learning					Independent Learning							

COMMITTEE V - NERVOUS SYSTEM AND PYSCHIATRY
WEEK VII / 1 – 5 May 2023

	Monday 1-May-2023	Tuesday 2-May-2023	Wednesday 3-May-2023	Thursday 4-May-2023	Friday 5-May-2023	
09.00- 09.50	LABOR DAY	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
10.00- 10.50					COMMITTEE EXAM	
11.00- 11.50						
12.00- 12.50					Program Evaluation Session Committee V Coordination Committee Members	
12.50 – 14.00	LUNCH BREAK					
14.00- 14.50	LABOR DAY	Independent Learning	Independent Learning	Independent Learning	ELECTIVE WEEK XII	Independent Learning
15.00- 15.50						
16.00- 16.50					Independent Learning	ELECTIVE WEEK XII
17.00-17.50						

COMMITTEE VI - MUSCULOSKELETAL SYSTEM

DISTRIBUTION of LECTURE HOURS

May 8, 2023 – June 9, 2023

COMMITTEE DURATION: 5 WEEKS

COURSES							
	INTRODUCTION to CLINICAL SCIENCES	ABBR.	THEO.	PRAC./LAB.	SMALL GROUP DISCUSSION	DISCUSSION	TOTAL
MED 302	DISCIPLINE/COMPONENTS						
	ORTHOPAEDICS & TRAUMATOLOGY	ORT	19	0	0	0	19
	PATHOLOGY	PT	13	2 Gr x1 H	0	0	15
	RHEUMATOLOGY	RHE	9	0	0	0	9
	PHARMACOLOGY	PC	5	0	0	0	5
	PHYSICAL MEDICINE AND REHABILITATION	PTR	4	0	0	0	4
	PUBLIC HEALTH	PH	4	0	0	0	4
	BIOSTATISTICS	BS	3	0	0	0	3
	PATHOPHYSIOLOGY	PP	2	0	0	0	2
	IMMUNOLOGY	IMM	2	0	0	0	2
	MEDICAL GENETICS	MG	2	0	0	0	2
	EMERGENCY MEDICINE	EM	2	0	0	0	2
	RADIOLOGY	RAD	1	0	0	0	1
	INTERDISCIPLINARY	MCDP	0	0	0	2	2
	SCIENTIFIC RESEARCH and PROJECT III	SRP	0	0	4GrX 4H	0	4
	TOTAL		66	1	4	2	73
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III		4GrX6H			6
	INDEPENDENT LEARNING						93

Coordination Committee

HEAD	Müge Bıçakçığıl Kalaycı, MD, Assoc. Prof
SECRETARY	Burak Çağrı Aksu, 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, Prof. Gökhan Meriç, MD, Prof. Hasan Bombacı, MD, Prof. Korhan Başdelioğlu, MD, Assoc Prof. Burak Çağrı Aksu, MD, Assist. Prof. Samet Bayram, MD
PHYSICAL MEDICINE AND REHABILITATION	Sanem Aslıhan Aykan, MD, Assist. Prof.
RHEUMATOLOGY	Müge Bıçakçığıl Kalaycı, MD, 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	Hale Arık Taşyikan, MD, Assist. Prof Ebru Çayır, MD, Assist. Prof.
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, MD, Assoc. Prof.
RADIOLOGY	Neslihan Taşdelen, MD, Assoc. Prof.
EMERGENCY MEDICINE	Sezgin Sarıkaya, MD, Prof Pınar Tura, MD, Assist. Prof.
BIOSTATISTICS	Çiğdem Keleş, PhD, Assist. Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT III	Bayram Yılmaz, PhD, Prof. Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Gökhan Meriç, MD, Prof. Koray Başdelioğlu, MD, Assoc. Prof. Burak Çağrı Aksu, MD, Assist. Prof. Cem Şimşek, MD, Assist. Prof. Ali Ediz Kıvanç, MD.

COMMITTEE VI - MUSCULOSKELETAL SYSTEM

AIMS and LEARNING OBJECTIVES

AIMS

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

LEARNING OBJECTIVES OF MUSCULOSKELETAL SYSTEM

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

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

COMMITTEE VI - MUSCULOSKELETAL SYSTEM
COMMITTEE ASSESSMENT MATRIX

PHASE III						
COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES						
COURSE COMPONENT: COMMITTEE VI - MUSCULOSKELETAL SYSTEM						
QUESTION DISTRIBUTION TABLE						
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
1-6	ORT	F. Altıntaş	24	7	7	38
		B. Ç. Aksu				
		T Özler				
		G. Meriç				
		K. Başdelioğlu				
		H. Bombacı				
		S. Bayram				
2	PT	F. Özkan	18	4	4	26
		A. Sav				
1-6	RHE	M. Bıçakçıl Kalaycı	13	3	3	19
7	PC	E. Genç	7	2	2	11
		E. N. Özdamar				
4	PH	H.A.Taşyikan	5	1	1	7
		E. Çayır				
4-5	PTR	S.A. Aykan	5	1	1	7
5	IMM	G. Y. Demirel	3	1	1	5
9	BS	Ç. Keleş	4	1	1	6
2	PP	M. Kaçar	3	1	1	5
8	MG	A.Ç. Kuşkuçcu	3	0	0	3
5-6	EM	S. Sarıkaya	4	1	1	6
		P. Tura				
6	RAD	N. Taşdelen	1	0	0	1
TOTAL			90	22	22	134
LEARNING OBJECTIVE	DISCIPLINE	LECTURER / INSTRUCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
1.0.-6.0	RHE	M. Bıçakçıl Kalaycı	2	-	-	2
1.0-6.10	ORT	B.Ç. Aksu	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 / 8 May – 12 May 2023

	Monday 8-May-2023	Tuesday 9-May-2023	Wednesday 10-May-2023	Thursday 11-May-2023	Friday 12-May-2023
09.00- 09.50	Independent Learning	Lecture Degenerative Joint Disease F. Özkan	Lecture Osteoporosis and Osteoarthritis Treatment, Rehabilitation S. Aykan	ICP-CSL (Physical Examination of the Musculoskeletal System) K.Başdelioğlu / B.Ç. Aksu G. Meriç	Independent Learning
10.00- 10.50		Lecture Tumors of Soft Tissues I F. Özkan	Lecture Soft Tissue Pain S. Aykan	Group A ICP	Independent Learning
11.00- 11.50		Lecture Tumors of Soft Tissues II F. Özkan	Independent Learning	Group B Small Group Study SRPC	Lecture Bone and Joint Infections A. Sav
12.00- 12.50		Lecture Frostbite / Burns P. Tura	Lecture Power Analysis and Sample Size Calculation II Ç. Keleş	Group C IL Group D IL	Lecture Myopathies A. Sav
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Independent Learning	Lecture Spondylarthropaties M. Bıçakçığıl Kalaycı	Lecture Foot Deformities B. Ç. Aksu	Lecture Introduction to Musculoskeletal System T. Özler	ELECTIVE WEEK XIV
15.00- 15.50		Lecture Inflammatory Polyarthritis & Rheumatoid Arthritis M. Bıçakçığıl Kalaycı	Lecture Principles of Fracture Healing H. Bombacı	Lecture Degenerative Osteoarthritis F. Altıntaş	Independent Learning
16.00- 16.50		Independent Learning	Independent Learning	Lecture Congenital & Metabolic Diseases of Bone I A. Sav	Independent Learning
17.00-17.50		Independent Learning	Independent Learning	Lecture Congenital & Metabolic Diseases of Bone II A. Sav	ELECTIVE WEEK XIV

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

COMMITTEE VI - MUSCULOSKELETAL SYSTEM
WEEK II / 15-19 May 2023

	Monday 15-May-2023	Tuesday 16-May-2023	Wednesday 17-May-2023				Thursday 18-May-2023	Friday 19-May-2023
09.00- 09.50	Lecture Initial Approach to Trauma Patient S. Sarıkaya	Lecture Osteomyelitis H. Bombacı	ICP-CSL Suturing Technique C. Şimşek / A.E. Kıvanç				Lecture Lower Extremity Trauma G. Meriç	NATIONAL HOLIDAY
10.00- 10.50	Lecture Miscellaneous Rheumatological Disorders I M. Bıçakçığıl Kalaycı	Lecture Septic Arthritis H. Bombacı	Group A Small Group Study SRPC	Group B ICP	Group C IL	Group D IL	Lecture Traumatic Dislocations G. Meriç	
11.00- 11.50	Lecture Miscellaneous Rheumatological Disorders II M. Bıçakçığıl Kalaycı	Lecture Development Dysplasia of the Hip K. Başdelioğlu					Lecture Spinal Trauma B.Ç. Aksu	
12.00- 12.50	Lecture Miscellaneous Rheumatological Disorders III M. Bıçakçığıl Kalaycı	Lecture Upper Extremity Trauma S. Bayram	Independent Learning				Lecture Imaging of Musculoskeletal System N. Taşdelen	
12.50 – 14.00	LUNCH BREAK							
14.00- 14.50	Lecture Vasculitis I M. Bıçakçığıl Kalaycı	Lecture Pathophysiology of Musculoskeletal System Disorders I M. Kaçar	ICP-CSL Physical Examination of the Musculoskeletal System K.Başdelioğlu / B.Ç. Aksu G. Meriç				Lecture Vasculitis I A. Sav	NATIONAL HOLIDAY
15.00- 15.50	Lecture Vasculitis II M. Bıçakçığıl Kalaycı	Lecture Pathophysiology of Musculoskeletal System Disorders II M. Kaçar	Group A IL	Group B IL	Group C Small Group Study SRPC	Group D ICP	Lecture Vasculitis II A. Sav	
16.00- 16.50	Independent Learning	Independent Learning					Lecture Bone Tumors I A. Sav	
17.00-17.50		Independent Learning					Independent Learning	

COMMITTEE VI - MUSCULOSKELETAL SYSTEM
WEEK III / 22-26 May 2023

	Monday 22-May-2023				Tuesday 23-May-2023	Wednesday 24-May-2023	Thursday 25-May-2023	Friday 26-May-2023	
09.00- 09.50	ICP-CSL Suturing Technique C. Şimşek / A.E. Kıvanç				Lecture Management of the Trauma Patient T. Özler	Lecture Connective Tissue Disorders I M. Bıçakçığıl Kalaycı	Lecture Spinal Deformities S. Bayram	Independent Learning	
10.00- 10.50	Group A IL	Group B IL	Group C ICP	Group D Small Group Study SRPC	Lecture Complications of Fractures G. Meriç	Lecture Connective Tissue Disorders II M. Bıçakçığıl Kalaycı	Lecture Osteoporosis B. Ç. Aksu	ICP-CSL Physical Examination of the Musculoskeletal System K.Başdelioğlu / B.Ç. Aksu 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 K. Başdelioğlu		
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 K. Başdelioğlu	Group A Small Group Study SRPC Group B ICP Group C IL Group D IL	
12.50 – 14.00	LUNCH BREAK								
14.00- 14.50	ICP-CSL Suturing Technique C. Şimşek / A.E. Kıvanç				Lecture Autopsy I A. Sav	Independent Learning	ICP-CSL Suturing Technique C. Şimşek / A.E. Kıvanç	ICP-CSL Physical Examination of the Musculoskeletal System K.Başdelioğlu / B.Ç. Aksu G. Meriç	
15.00- 15.50	Group A ICP	Group B Small Group Study SRPC	Group C IL	Group D IL	Lecture Autopsy II A. Sav		Independent Learning	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
16.00- 16.50					Pathology Laboratory (Musculoskeletal System) A.Sav / F. Özkan	Group A			
17.00-17.50	Independent Learning					Group A IL Group B	Independent Learning	Independent Learning	Independent Learning

COMMITTEE VI - MUSCULOSKELETAL SYSTEM
WEEK IV / 29 May-2 June 2023

	Monday 29-May-2023	Tuesday 30-May-2023	Wednesday 31-May-2023	Thursday 1-Jun-2023	Friday 2-Jun-2023
09.00- 09.50	Independent Learning	Lecture Neck, Shoulder and Wrist Pain S. Aykan	Lecture Skeletal Dysplasias A. Ç. Kuşkucu	Independent Learning	Independent Learning
10.00- 10.50		Lecture Low Back, Hip and Ankle Pain S. Aykan	Lecture Muscular Dystrophies A. Ç.Kuşkucu		
11.00- 11.50	Lecture Immune Mechanisms of Musculoskeletal Disorders G. Yanikkaya Demirel	Lecture Disease Modifying Antirheumatic Drugs E. Nur Özdamar	Lecture Management of Soft Tissue Disorders T. Özler		İş Sağlığı ve Güvenliği Eğitimi
12.00- 12.50	Lecture Immune Mechanisms of Musculoskeletal Disorders G. Yanikkaya Demirel	Lecture Pharmacology Case Studies E. Nur Özdamar	Lecture Fractures of Children T. Özler		İş Sağlığı ve Güvenliği Eğitimi
12.50 – 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Skeletal Muscle Relaxants E. Genç	Lecture Epidemiology, Prevention and Control of Occupational Diseases and Injuries I H.A. Taşyikan	Multidisciplinary Case Discussion Panel	Independent Learning	Independent Learning
15.00- 15.50	Independent Learning	Lecture Epidemiology, Prevention and Control of Occupational Diseases and Injuries II H.A. Taşyikan	Multidisciplinary Case Discussion Panel		
16.00- 16.50		Lecture Public Health and Physical Activity I E. Çayır	Independent Learning		
17.00-17.50		Lecture Public Health and Physical Activity II E. Çayır			

COMMITTEE VI - MUSCULOSKELETAL SYSTEM
WEEK V / 5-9 Jun 2022

	Monday 5-Jun-2023	Tuesday 7-Jun-2023	Wednesday 7-Jun-2023	Thursday 8-Jun-2023	Friday 9-Jun-2023
09.00- 09.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
10.00- 10.50					COMMITTEE EXAM
11.00- 11.50					
12.00- 12.50					Program Evaluation Session Committee VI Coordination Committee Members
12.50 – 14.00	LUNCH BREAK				
14.00- 17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

MED 303 ICP III COURSE ACADEMIC PROGRAM

MED 303 ICP III			
DAY	HOUR	SUBJECT	LECTURER
26-SEP-2022	14.00-16.50	Ear-Nose-Throat Examination GROUP C	Zeynep Alkan / M.İlhan Şahin
MONDAY			
27-SEP-2022	09.00-11.50	Ear-Nose-Throat Examination GROUP D	Zeynep Alkan / M.İlhan Şahin
TUESDAY			
29-SEP-2022	10.00-12.50	Ear-Nose-Throat Examination GROUP A	Zeynep Alkan / M.İlhan Şahin
THURSDAY			
30-SEP-2022	10.00-12.50	Ear-Nose-Throat Examination GROUP B	Zeynep Alkan / M.İlhan Şahin
FRIDAY			
03-NOV-2022	09:00-11:50	Advanced Cardiac Life Support GROUP B	T. Utku / E. Aytaç
THURSDAY			
04-NOV-2022	14.00-16.50	Advanced Cardiac Life Support GROUP A	T. Utku / E. Aytaç
FRIDAY			
18-NOV-2022	09.00-11.50	Advanced Cardiac Life Support GROUP C-D	F. Menda / E. Aytaç
FRIDAY	14.00-16.50		
21-NOV-2022	14:00-16:50	Examination of Cardiovascular and Respiratory System GROUP C	O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş
MONDAY			

22-NOV-2022	14:00-16:50	Examination of Cardiovascular and Respiratory System GROUP D	O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş
TUESDAY			
30-NOV-2022	09:00-11:50	Examination of Cardiovascular and Respiratory System GROUP B	O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş
WEDNESDAY			
02-DEC-2022	14:00-16:50	Examination of Cardiovascular and Respiratory System GROUP A	O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş
FRIDAY			
27-DEC-2022	14:00-16:50	Physical Examination of Gastrointestinal System History Taking of Gastrointestinal System GROUP C	S. Özdemir / G. İzbirak/ Ö. Tanrıöver
TUESDAY		History Taking of Gastrointestinal System GROUP C	
04-JAN-2023	14:00-16:50	Physical Examination of Gastrointestinal System GROUP A	Lecturer
WEDNESDAY		History Taking of Gastrointestinal System GROUP A	S. Özdemir / G. İzbirak/ Ö. Tanrıöver
05-JAN-2023	14:00-16:50	Physical Examination of Gastrointestinal System GROUP B	Lecturer
THURSDAY	09:00-11:50		
06-JAN-2023	09:00-11:50	Physical Examination of Gastrointestinal System GROUP D	Lecturer
FRIDAY		History Taking of Gastrointestinal System GROUP D	S. Özdemir / G. İzbirak/ Ö. Tanrıöver

19-JAN-2023	09:00-11:50	CSL GROUP A Follow-up of pregnancy & stages of normal labour & Gynecological examination, PAP smear obtaining Group A	M.Yeşiladalı/ M.Gökçe Koçer Yazıcı/P.Feriha Uzuner
THURSDAY			
09-FEB-2023	09:00-11:50	CSL GROUP B Follow-up of pregnancy & stages of normal labour & Gynecological examination, PAP smear obtaining Group B	M.Yeşiladalı/ M.Gökçe Koçer Yazıcı/P.Feriha Uzuner
THURSDAY			
16-FEB-2023	09:00-11:50	CSL GROUP C Follow-up of pregnancy & stages of normal labour & Gynecological examination, PAP smear obtaining Group C	M.Yeşiladalı/ M.Gökçe Koçer Yazıcı/P.Feriha Uzuner
THURSDAY	12:00-12:50	Medical History for Breast Diseases in Primary Care & Clinical Breast Examination	A.Akalın*
17-FEB-2023	09:00-11:50	CSL GROUP D Follow-up of pregnancy & stages of normal labour & Gynecological examination, PAP smear obtaining Group D	M.Yeşiladalı/ M.Gökçe Koçer Yazıcı/P.Feriha Uzuner
FRIDAY			
21-FEB-2023	14:00-16:50	Clinical Breast Examination GROUP D	K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın
TUESDAY			
27-FEB-2023	14:00-16:50	Clinical Breast Examination GROUP B	K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın
MONDAY			
28-FEB-2023	14:00-16:50	Clinical Breast Examination GROUP C	K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın
TUESDAY			
6.Mar.23	14:00-16:50	Clinical Breast Examination GROUP A	K. Kartal / E. Özer / Ö. Tanrıöver / A. Akalın
MONDAY			

9.Mar.23	09:00-11:50	Physical Examination of the Newborn and Child Patient A-B-C-D	Ç. Ayanoğlu / M. Berber/P.Saf
THURSDAY	14:00-16:50		

29-30-31.03.2023 OSCE - I EXAM

06.APR.2023	09:00-11:50	CSL Group C (Neuropsychiatric assessment)	E. Özcan / Y. Dede / O. Taycan / O. Zahmacioğlu / H. Atalay / S. Tunç
THURSDAY			

11.APR.2023	15:00-15:50	General Physical Examination	A.Bakan*
TUESDAY			

12-APR-2023	09.00-11.50	CSL Group A General Physical Examination	A.Bakan
WEDNESDAY	14.00-16.50	CSL Group A (Neuropsychiatric assessment)	E. Özcan / Y. Dede / O. Taycan / O. Zahmacioğlu / H. Atalay / S. Tunç

13-APR-2023	09.00-11.50	CSL Group B (Neuropsychiatric assessment)	E. Özcan / Y. Dede / O. Taycan / O. Zahmacioğlu / H. Atalay / S. Tunç
THURSDAY			

14.04.2023	09.00-11.50	CSL Group B General Physical Examination	A.Bakan
FRIDAY			

26.APR.2023	09.00-11:50	CSL Group D General Physical Examination	A.Bakan
WEDNESDAY			

27.APR.2023	09.00-11:50	CSL Group D (Neuropsychiatric assessment)	E. Özcan / Y. Dede / O. Taycan / O.
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THURSDAY			Zahmacioğlu / H. Atalay / S. Tunç
28.APR.2023	09.00-11:50	CSL Group C General Physical Examination	A.Bakan
FRIDAY			
11.May.23	09.00-11:50	CSL Group A (Physical examination of the musculoskeletal system)	G.Meriç / B.Ç. Aksu / K. Başdelioğlu
THURSDAY			
17.May.23	09.00-11:50	Suturing Technique GROUP B	A.E.Kıvanc/C.Şimşek
WEDNESDAY	14:00-16:50	CSL Group D (Physical examination of the musculoskeletal system)	G.Meriç / B.Ç. Aksu / K. Başdelioğlu
22.May.23	09.00-11:50	Suturing Technique GROUP C	A.E.Kıvanc/ C.Şimşek
MONDAY	14:00-16:50	Suturing Technique GROUP A	A.E.Kıvanc/ C.Şimşek
25.May.23	14:00-16:50	Suturing Technique GROUP D	A.E.Kıvanc/ C.Şimşek
THURSDAY			
26.May.23	10.00-12.50	CSL Group B (Physical examination of the musculoskeletal system)	G.Meriç / B.Ç. Aksu / K. Başdelioğlu
FRIDAY	14:00-16:50	CSL Group C (Physical examination of the musculoskeletal system)	G.Meriç / B.Ç. Aksu / K. Başdelioğlu
Beginning of ICP - III Sept 26, 2022 Monday End of ICP - III May 26, 2023 Friday			

Midterm Exam March 29,30,31, 2023 Wednesday – Friday
Make-up Exam May 24, 2023 Wednesday
Final Exam June 12-14, 2023 Monday - Wednesday
Incomplete Exam July 26, 2023 Wednesday

* They are relevant but not included in the ICP III PROGRAM

FREE ELECTIVE COURSES

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

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

Code	Subject		
MED 613	Medical Humanities		
Goals	This course aims to offer a wide variety of subjects related with art, history, cultural values, social movements, philosophy and many other areas. Main targets of this course are to improve Professionalism and Communication Skills and to support the students to develop an understanding about human and his interaction with universe.		

Content	Main concepts of professionalism such as altruism, accountability, excellence, duty, honor and integrity, respect for others and communication skills will be covered through the lectures of history of medicine in an anthropological concept, medicine in literature and visual arts, and cinemeducation.		
Course Learning Outcomes	<p>At the end of this course, the student should be able to</p> <ul style="list-style-type: none"> • gain an understanding of the history of medicine as one of social and cultural transformation in the conception of professionalism, disease and what constitutes illness and health through the centuries, • develop the skills to write an essay using primary source documents in the context of the history of medicine, • gain view of different reflections of medicine in literature and visual arts, • develop a point of view to use literature and visual arts as an imagination instrument of compassion, to tolerate ambiguity, to dwell in paradox, to consider multiple points of view, • develop better observational and interpretive skills, by using the power of visual arts to elicit an emotional response in the observer, • gain understanding about the main values and various dimensions of professionalism. • gain insight about his/her own values and develop humanistic values, • develop a deeper understanding of human being in various contexts, • gain understanding about the various factors which influence health in individual and community level, • gain understanding to use films as a comprehensive guide in medical practice, • reflect through films to improve their cognitive and emotional awareness. 		
Assessment		NUMBER	PERCENTAGE
	Assignments	1	50
	Final Examination	1	50
	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 <ul style="list-style-type: none"> • create personal brand for successful business life, • use behavioral codes for business etiquette. 		
Assessment		NUMBER	PERCENTAGE
	Midterm Exam (MCQ, Fill in the Blanks, T/F Questions, mostly based on case studies)	1	25
	Presentations and Reports (Interactive Team Work, Social Skills Development, based on subjects studied during classes and applications of them on MED areas & discussions after each presentation)	1	25
	Attendance (Showing interest to classes, performance during discussion times, performance during pair works, attending classes etc.)		5
	Quiz ((Short quizzes to keep students updated about lectures, prepare them to midterm & final, based on subjects studied in the class, Essay or MCQ)	3	5
	Final Exam (MCQ, Fill in the Blanks, T/F Questions, mostly based on case studies)	1	40
	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 <ul style="list-style-type: none"> • use futuristic strategies to create innovative approaches, • use innovative and creative thinking techniques in professional life. 		
Assessment		NUMBER	PERCENTAGE
	Midterm Exam (MCQ, Fill in the Blanks, T/F Questions, mostly based on case studies)	1	25
	Presentations and Reports (Interactive Team Work, Social Skills Development, based on subjects studied during classes and applications of them on MED areas & discussions after each presentation)	1	25
	Attendance (Showing interest to classes, performance during discussion times, performance during pair works, attending classes etc.)		5
	Quiz ((Short quizzes to keep students updated about lectures, prepare them to midterm & final, based on subjects studied in the class, Essay or MCQ)	5	5
	Final Exam (MCQ, Fill in the Blanks, T/F Questions, mostly based on case studies)	1	40
	Total	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 <ul style="list-style-type: none"> develop leadership skills to manage teams, use empathy techniques for conciliation with their patients and co-workers. 		
Assessment		NUMBER	PERCENTAGE
	Midterm Exam (MCQ, Fill in the Blanks, T/F Questions, mostly based on case studies)	1	25
	Presentations and Reports (Interactive Team Work, Social Skills Development, based on subjects studied during classes and applications of them on MED areas & discussions after each presentation)	1	25
	Attendance (Showing interest to classes, performance during discussion times, performance during pair works, attending classes etc.)		5
	Quiz ((Short quizzes to keep students updated about lectures, prepare them to midterm & final, based on subjects studied in the class, Essay or MCQ)	4	5
	Final Exam (MCQ, Fill in the Blanks, T/F Questions, mostly based on case studies)	1	40
	Total		100

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

Code	Subject		
MED 620	Art, Culture and Life Styles		
Goals	Healthcare members will have high level social status for their business life; and will join several international conferences. This course aims to develop their social and intellectual skills to make them global citizens with art, culture, fashion and life style knowledge.		
Content	Life Style Coaching for participants, Cultural Festivals Through Europe, Art Exhibitions and Movements, Sportive Life Coaching.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none">• develop intellectual wealth and cultural knowledge,• change their life styles for better perspective,• increase quality of life,• establish work-life balance.		
Assessment		NUMBER	PERCENTAGE
	Midterm Exam	1	25
	Assignments (Homework)	1	25
	Evaluation of Group Presentations	1	5
	Final Exam	1	45
	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 <ul style="list-style-type: none">comprehend various types of epidemiological research,explain basic epidemiological terminology.		
Assessment		NUMBER	PERCENTAGE
	Group work performance		50
	Presentations		50
	Total		100

Code	Subject		
MED 622	Application of Economics in Health Care		
Goals	This course aims to teach the essentials of economics and its' core concepts' relevance with health-care.		
Content	Tools and concepts of traditional Microeconomics Theory, health production function, cost & benefit analysis, demand for health insurance and health care markets.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • explain the applications of micro-economic theories in health related areas, • discuss the causes of market failure, • list the factors effecting the demand for health, • explain health insurance supply and demand, • analyse how health care market operates. 		
Assessment		NUMBER	PERCENTAGE
	Mid-terms	1	80
	Quizzes, Homeworks	5	5
	Attendance	14	15
		Total	100
	Contribution of Final Examination to Overall Grade		45
	Contribution of In-Term Studies to Overall Grade		55
		Total	100

Code	Subject		
MED 623	Visual Presentation in Medicine		
Goals	This course aims to teach to design visual aids that are to be used in medical case presentations in computerized systems with Adobe CS Photoshop and Powerpoint programs.		
Content	Understanding of verbal & technological presentation methods/tools to be used in medical case presentations. Computerized design tools like Adobe CS Photoshop and PowerPoint will be taught in computer labs to participants.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • recognize and applies main design principles, • design visual materials, • use Adobe CS Photoshop and PowerPoint in basic level, • manage the presentation program PowerPoint, • perform visual designs and presents projects using these programs, • criticize the images used in the media. 		
Assessment		NUMBER	PERCENTAGE
	Midterm Exam	1	20
	Presentation	2	40
	Project	1	40
	Final EXAM		
		Total	100
	Contribution of Final Examination to Overall Grade		60
	Contribution of In-Term Studies to Overall Grade		40
		Total	100

Code	Subject
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MED 627	Presentation of Medicine on Media		
Goals	This course aims to teach deep understanding to approaches & visual methods/tools available as community communication media in conveying medical knowledge. To analyze technical features and to develop an understanding of aesthetics behind. To develop skills in conveying messages presented via media tools.		
Content	Sensual and perceptual theories of visual communication. Analysis and reading the meaning of the images presented in the media as a PR tool.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • recognize the meaning of the visual literacy as intellectual property, • describe the physical features of the light and theory of vision, • analyze the images with the help of sensual and perceptual theories such as Gestalt, Constructivism, Semiology and Cognitive Approach, • recognize the differences between advertising, journalism and public relations, • describe the historical and cultural stereotypes used in the media, • interpret images in the media (such as typography, graphic design, infographics, photography, TV, computer, internet) in technical, historical, cultural, ethical and critical aspects. 		
Assessment		NUMBER	PERCENTAGE
	Midterm Exam	1	70
	Homework	1	30
		Total	100
	Contribution of Final Examination to Overall Grade		60
	Contribution of In-Term Studies to Overall Grade		40
		Total	100

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

Code	Subject		
MED 629	Music and Medicine		
Goals	This course aims to convey the past and current uses and utilities of music in medicine.		
Content	The connection of music and medicine throughout the historical development of antiquity and Middle Ages up until today. The place of music in medical practice after the transformations in the Age of Enlightenment and beyond.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • explain the uses of medicine in the past and present, • describe the uses of music in clinical conditions, and before and after surgical treatment, • explain the effects of music before and after surgery, • describe the types of music used in music therapy. 		
Assessment		NUMBER	PERCENTAGE
	Midterm	1	25
	Assignments (Homework)	1	25
	Final Exam		50
		Total	100
	Contribution of Final Examination to Overall Grade		50
	Contribution of In-Term Studies to Overall Grade		50
		Total	100

Code	Subject		
MED 630	Health Law		
Goals	The aim of the course is that students obtain a legal rationale, take ethical decisions from a legal perspective, act in a respectful way to patients' rights, legal risks and responsibilities.		
Content	The basic concepts of law will be introduced with a view towards health law. The legal nature of medical interventions, concepts of malpractice and complication will be explained. The fundamentals and consequences of legal and criminal liability will be emphasized and medical interventions showing ethical, and legal characteristics will be evaluated from a legal point of view.		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none"> • analyze legislature and by-laws related to health law, • distinguish branches and consequences of legal responsibility, • in taking decisions about patients, help them to make their own decisions in a proper way by respecting their right to self-determination and their privacy, • take ethical decisions from a perspective of patients' rights and legal responsibility, • identify legal risks in the developing areas of health law. 		
Assessment		NUMBER	PERCENTAGE
	Assignment / presentation	1	50
	Final EXAM	1	50
		Total	100
	Contribution of Final Examination to Overall Grade		50
	Contribution of In-Term Studies to Overall Grade		50
		Total	100

Code	Subject		
MED 631	Creative Drama II		
Goals	This course aims the development of body awareness, improvement of communication skills of students by creating an atmosphere where the students can explore the potential of their emotional intelligence.		
Content	In this class, the students will be searching for their abilities for self-representation and being visible in society and going into an active learning process by experiencing image theatre, invisible theatre, newspaper theatre and forum theatre techniques		
Course Learning Outcomes	At the end of this course, the student should be able to <ul style="list-style-type: none">• build supportive relationships in group by improving personal cooperating skills,• recognize personal awareness,• explain and review the schemes of personal attitude, thought and feeling by playing games and different roles,• improve critical and creative ways of thinking skills, also improve skills for life-long learning which will be useful for professional life as well as personal life,• explore being visible and expressing oneself in front of spectators using games and storytelling techniques.		
Assessment		NUMBER	PERCENTAGE
	Midterm	1	25
	Performance evaluation	5	25
	Final EXAM		50
		Total	100
	Contribution of Final Examination to Overall Grade		50
	Contribution of In-Term Studies to Overall Grade		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 <ul style="list-style-type: none">• define music's founding elements,• explain the structural evolution of music within time,• explain what the brain perceives under different conditions.		
Assessment		NUMBER	PERCENTAGE
	Midterm	1	25
	Assignments	1	25
	Final Examination	1	50
	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	<p>At the end of this course, the student should be able to</p> <ul style="list-style-type: none"> • tell the history of sign language, • show the basic words in sign language, • conduct patient doctor interview in sign language, • understand the health problem of the hearing impaired patient, • give information about the treatment in sign language, • build sentences using basic vocabulary in sign language, • develop personal characteristics such as compassion, tolerance for diversity and open mindedness, • improve body language, • gain understanding about the various factors which influence health in individual and community level. 		
Assessment		NUMBER	PERCENTAGE
	Midterm	1	40
	Final Examination	1	60
	Total		100

Code	Subject		
MED 634	Case Based Forensic Sciences		
Goals	This course aims to increase the awareness of students about forensic cases by presenting them as real case presentations through forensic sciences, where some of the patients that they will examine routinely in their professional lives are forensic cases.		
Content	In each lecture, brief introduction information about one of the basic forensic sciences will be given, and with the help of this forensic science, how the case is elucidated and how the process is managed, will be explained in the lectures.		
Course Learning Outcomes	<p>At the end of this course, the student should be able to</p> <ul style="list-style-type: none"> • give preliminary information about what the forensic sciences are, and their relationship with medicine and each other, • give examples an idea about the types of forensic cases they may encounter in their professional routine, • gain the awareness that every patient that they examine can turn into a forensic case, • explain the liability of healthcare professionals against forensic cases and what kind of problems both patients and healthcare professionals may encounter if they are omitted, • give preliminary information about the management process of the forensic case, • explain the importance of the holistic approach in the management of forensic cases, • explain the importance of professionalization and coordination in forensic science. 		
Assessment		NUMBER	PERCENTAGE
	Assignments	1	50
	Final EXAM	1	50
		Total	100
	Contribution of Final Examination to Overall Grade		50
	Contribution of In-Term Studies to Overall Grade		50
		Total	100

Code	Subject		
MED 635	Advanced Level Communication with Hearing Impaired Patients in Turkish Sign Language		
Goals	The aim of this course is to teach the students medical vocabulary in sign language and enable them to make connected sentences; to understand the complaints of hearing-impaired patients and to explain the treatment methods to the patients.		
Content	Vocabulary related to medical terms; Practices in making connected, long sentences; investigating the complaints of the hearing impaired patient; basic patient doctor interview skills with hearing impaired patient; explaining the treatment to the patient.		
Course Learning Outcomes	<p>At the end of this course, the student should be able to</p> <ul style="list-style-type: none"> • tell the sign language equivalents of health terms, • show the sign language equivalents of the names of the diseases, • investigate the patient's complaint in detail during patient doctor interview using sign language, • understand the details of patient's complaint in sign language, • explain the treatment for the health problem of hearing impaired patient in more detail, • list the names of the departments at the hospital, • make advanced connected sentences in sign language, • be more beneficial to people with disabilities by bringing their sensitivity to a professional level, • translate the patient's problem in sign language to other doctors, • be equipped professionally when they want to conduct medical studies with hearing impaired participants. 		
Assessment		NUMBER	PERCENTAGE
	Midterm	1	40
	Final Examination	1	60
	Total		100

STUDENT COUNSELING

Student counseling is a structured development process established between the student and the consultant that aims to maximize student success by focusing the student to her/his target. Although the major component of this relationship is the student, the faculties also take part by bringing the requirements of this interaction to their systems. The targeted outcomes of the consultant-student interaction are success in the exams, success in the program, and preparation for professional life.

The aim of counseling is to help students to solve their problems, to give professional guidance, to provide coaching, to contribute to adopting the habit of lifelong learning, to provide information about the University and Faculty, to follow their success and failure and to help them select courses.

The consultants selected among Basic Medical Sciences instructors for the first three years transfer the students to Clinical Sciences instructors for the following three years.

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

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

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

The expectations from the student are as follows:

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

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

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

LIST OF STUDENT COUNSELING - PHASE III

	STUDENT			COUNSELOR
	STUDENT NO	NAME	SURNAME	NAME
1	20200800146	FARSIMA	ABDIPOUR VOSTA	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELI
2	20200800136	RIHAM	ABOU HEIT	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELI
3	20200800062	NEVZAT ANIL	AKCAN	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELI
4	20200800123	BERKİN	AKDAĞLI	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
5	20200800092	EFE	AKDENİZ	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
6	20190800064	MERVE BENGÜSU	AKIN	PROF. DR. ECE GENÇ
7	20200800040	AYKUT	AKSAN	PROF. DR. ECE GENÇ
8	20200800121	TUANA	AKSU	PROF. DR. ECE GENÇ
9	20200800130	BAHAR	ALI NEJAD	PROF. DR. ELİF VATANOĞLU LUTZ
10	20190800033	FARUK MAHMUT	ALKAN	PROF. DR. ELİF VATANOĞLU LUTZ
11	20190800029	HALİLCAN	ARPACI	PROF. DR. ELİF VATANOĞLU LUTZ
12	20190800028	EMRE	ATALAY	DOÇ. DR. BURCU GEMİCİ BAŞOL
13	20200800069	İLDEM ÖYKÜ	ATAŞ	DOÇ. DR. BURCU GEMİCİ BAŞOL
14	20200800048	İREM NUR	ATILLA	DOÇ. DR. BURCU GEMİCİ BAŞOL
15	20200800051	EBRAR BEYZA	AYDIN	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
16	20200800091	SEVİNÇ BURCU	AYDIN	DOÇ. DR. BURCU GEMİCİ BAŞOL
17	20190800030	ATAKAN	BABAGİRAY	DOÇ. DR. BURCU GEMİCİ BAŞOL
18	20200800129	HEDİEH SADAT	BAHREİNİ	PROF. DR. ELİF VATANOĞLU LUTZ
19	20200800047	GÖKSU	BALCI	PROF. DR. AYŞE İNCİ ÖZDEN
20	20200800097	İREM NUR	BELEVİ	PROF. DR. AYŞE İNCİ ÖZDEN
21	20200800074	BARTU KAYA	BEYZADEOĞLU	PROF. DR. AYŞE İNCİ ÖZDEN
22	20210800159	HOOMEHR	BIGDELI	PROF. DR. AYŞE İNCİ ÖZDEN
23	20200800057	MEHMET AYDIN	BOYRAZ	PROF. DR. AYŞE İNCİ ÖZDEN
24	20220800141	BENGİSU	BOYRAZ	PROF. DR. AYŞE İNCİ ÖZDEN
25	20190800042	GÖRKEM	ÇALIŞKAN	PROF. DR. ELİF VATANOĞLU LUTZ
26	20200800086	ELİF	ÇAPANOĞLU	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL
27	20210800006	SUDE	ÇAPRAZ	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
28	20200800065	BEHİRE FEM	ÇELİK	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL
29	20200800116	YİĞİT	ÇİLAN	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL
30	20200800078	GÜLSÜM BUSE	DEMİR	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
31	20200800073	ERGE	DOĞAN	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
32	20200800059	PINAR	DÜNDAR	PROF. DR. ELİF VATANOĞLU LUTZ
33	20180800065	ALPEREN	EDİŞ	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL
34	20210800025	EFE	EKREN	DOÇ. DR. AYLİN YABA UÇAR
35	20200800082	ASLI NAZLI	EKŞİ	PROF. DR. ELİF VATANOĞLU LUTZ
36	20190800098	ZEHRA	ERASLAN	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL

37	20210800035	ASLI	ERKAN	DOÇ. DR. AYLİN YABA UÇAR
38	20200800103	CANSU	ERLİK	DR. ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
39	20190800079	GÜLBEYA Z BETÜL	ERSOY	DR. ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
40	20200800112	SELEN	EYYUPOĞLU	DR. ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
41	20200800028	PETEK	FETTAHLIOĞLU	PROF. DR. SONER DOĞAN
42	20190800053	MEHMET OĞULCAN	GİRAY	DR.ÖĞR.ÜYESİ ALEV CUMBUL
43	20200800060	KIVANÇ	GÖKTÜRK	PROF. DR. SONER DOĞAN
44	20200800085	BERKE	GÖKYAYLA	PROF. DR. SONER DOĞAN
45	20210800036	ESRA	GÜNEY	DOÇ. DR. AYLİN YABA UÇAR
46	20200800104	DOĞA	GÜNGÖR	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
47	20200800045	ÖZGE	GÜRBÜZ	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
48	20200800080	ZEYNEP	HACIKAMİLOĞLU	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
49	20190800056	ZEYNEP SELENE	İSKİT	DR.ÖĞR.ÜYESİ ALEV CUMBUL
50	20200800049	AYÇA	KAHRAMAN	PROF. DR. ÖZLEM TANRIÖVER
51	20220800043	ELİF EZGİ	KARAGÖZ	DR.ÖĞR.ÜYESİ ALEV CUMBUL
52	20190800065	SUDE	KARAKUŞ	DOÇ. DR. DENİZ YAT KIRIÇ
53	20200800041	İDİL	KASAP	PROF. DR. ÖZLEM TANRIÖVER
54	20200800055	ZEYNEP EKİN	KAYA	DR.ÖĞR.ÜYESİ ALEV CUMBUL
55	20200800071	ELİF	KESKİNEL	PROF. DR. MEHTAP KAÇAR
56	20200800076	İLAYDA NUR	KILIÇ	PROF. DR. MEHTAP KAÇAR
57	20200800075	ZEYNEP	KIZMAZ	PROF. DR. MEHTAP KAÇAR
58	20200800117	EDA	KOÇ	PROF. DR.ELİF VATANOĞLU LUTZ
59	20200800079	DOĞUKAN	KURT	PROF. DR. MEHTAP KAÇAR
60	20200800081	BENSU	LENGER	PROF. DR. MEHTAP KAÇAR
61	20200800139	MUHAMMAD RAYYAN	MASOOD	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
62	20210800028	EYLÜL	MUTLU	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
63	20190800047	ANIL	NUMANOĞLU	DR.ÖĞR.ÜYESİ HALE ARIK TAŞYIKAN
64	20190800026	ROJHAT ÇIRAK	OLCAY	DR.ÖĞR.ÜYESİ HALE ARIK TAŞYIKAN
65	20200800111	IRMAK	ÖĞRETMEN	DOÇ. DR. DENİZ YAT KIRIÇ
66	0MİS0800010	BERKİN	ÖZDAĞLI	DOÇ. DR. DENİZ YAT KIRIÇ
67	20220800038	MELEK SİNA	ÖZDEMİR	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
68	20200800095	ABİDİN EFE	ÖZGÜN	DR. ÖĞR. ÜYESİ ALEV CUMBUL
69	20190800081	ÖNAL EFEHAN	ÖZKAN	DR. ÖĞR. ÜYESİ ALEV CUMBUL
70	20190800074	YAĞMUR	ÖZKAN	DR.ÖĞR.ÜYESİ HALE ARIK TAŞYIKAN
71	20200800066	YUSUF EFE	ÖZSOY	DR. ÖĞR. ÜYESİ SERDAR ÖZDEMİR
72	20200800015	ECE	ÖZTARHAN	DR. ÖĞR. ÜYESİ SERDAR ÖZDEMİR
73	20190800095	MUHAMMAD ET	SAATÇI	PROF. DR. MEHTAP KAÇAR
74	20200800054	ALP	SARANDÖL	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
75	20200800044	MAYA	SARIOĞLU	DR. ÖĞR. ÜYESİ SERDAR ÖZDEMİR
76	20200800072	DORUK	SEÇKİNER	DR. ÖĞR. ÜYESİ SERDAR ÖZDEMİR

77	20190800128	NOOR ADEL	SHRUFİ	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
78	20190800089	BARIŞ	SÖNMEZ	PROF. DR. MEHTAP KAÇAR
79	20190800051	BORA	SÖZER	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
80	20200800096	SİMGE SU	SÖZÜTEK	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
81	20210800034	VENÜS	ŞAHİN	DOÇ. DR. AYLİN YABA UÇAR
82	20200800102	ZEYNEP SUDE	ŞAHİN	DOÇ. DR. BİLGE GÜVENÇ TUNA
83	20200800020	DEFNE SELMA	ŞENGÜN	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
84	20200800098	DOĞA	TAŞ	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
85	20200800070	SERRA	TAŞÇI	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
86	20200800110	DENİZ CAN	TEMEL	PROF. DR. ELİF VATANOĞLU LUTZ
87	20200800052	BORA	TEZER	DOÇ. DR. BİLGE GÜVENÇ TUNA
88	20200800109	ILGIN	TOKBAY	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
89	20200800021	ONGÜN NOYAN	TUNCER	DOÇ. DR. BURCU GEMİCİ BAŞOL
90	20190800102	TUĞÇE	UĞUR	PROF. DR. MEHTAP KAÇAR
91	20200800088	GÜL	URAL	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
92	20200800099	CEREN ELİF	ÜNALMIŞ	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
93	20200800077	MURAT	YALÇIN	PROF. DR. ELİF VATANOĞLU LUTZ
94	20200800063	GÜLCE	YALÇIN	DOÇ. DR. BİLGE GÜVENÇ TUNA
95	20200800093	ZEYNEP DOĞA	YAPICI	DR. ÖĞR. ÜYESİ MÜGE KOPUZ ALVAREZ NOVAL
96	20200800090	NEHİR	YARAMAN	DR. ÖĞR. ÜYESİ HALE ARIK TAŞYIKAN
97	20200800067	ECE	YAVUZ	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
98	20200800084	BENSU	YETİK	PROF. DR. ÖZLEM TANRIÖVER
99	20190800091	MÜCAHİT	YILDIRA	DOÇ. DR. BURCU GEMİCİ BAŞOL
100	20200800118	ENES EMRE	YILDIRIM	DOÇ. DR. BİLGE GÜVENÇ TUNA
101	20200800058	MELİSA	YILDIRIM	DOÇ. DR. BİLGE GÜVENÇ TUNA
102	20200800083	IRMAK	YILDIZ	DOÇ. DR. BİLGE GÜVENÇ TUNA
103	20200800053	CEYLİN	YILMAZ	PROF. DR. ÖZLEM TANRIÖVER
104	20190800059	HİLAL	YILMAZ	PROF. DR. ÖZLEM TANRIÖVER
105	20190800101	ÖMER ŞAMİL	YILMAZ	DOÇ. DR. BİLGE GÜVENÇ TUNA
106	20210800004	SELİN DZAHİT	YUKSEL	DOÇ. DR. BİLGE GÜVENÇ TUNA
107	20200800108	EGEMEN	YÜKSEL	DOÇ. DR. BİLGE GÜVENÇ TUNA

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