

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PHASE III**  
**ACADEMIC PROGRAM BOOK**  
**2023- 2024**

**Student's**

**Name : .....**

**Number : .....**

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PHASE III**

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**COORDINATION COMMITTEE**  
**(TEACHING YEAR 2023 – 2024)**

**PHASE-III COORDINATION COMMITTEE**

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**ICP-III COORDINATION COMMITTEE**

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Duygu ALTIPARMAK, MD, Specialist, Instructor (Co-Coordinator)  
H. Yasin DELİBAŞ, MSc. (CSL Laboratory Responsible Staff)

**ELECTIVE COURSES COORDINATION COMMITTEE**

Seda GÜLEÇ, PhD, Assoc. Prof. (Coordinator)  
Ahmet SAÇ, MD, Instructor (Co-coordinator)

## ACADEMIC CALENDAR 2023 - 2024

### INTRODUCTION to CLINICAL SCIENCES (MED 302)

#### COMMITTEE I

#### INFECTIOUS DISEASES & HEMATOPOIETIC SYSTEMS (8 Weeks)

|                        |  |                  |
|------------------------|--|------------------|
| Beginning of Committee | September 4, 2023                                    | Monday           |
| End of Committee       | October 27, 2023                                     | Friday           |
| Committee Exam         | October 26, 2023                                     | Thursday         |
| National Holiday       | October 28 <sup>1/2</sup> , 2023<br>October 29, 2023 | Saturday, Sunday |

#### COMMITTEE II

#### CARDIOLOGY and RESPIRATORY SYSTEMS (7 Weeks)

|                        |                   |        |
|------------------------|-------------------|--------|
| Beginning of Committee | October 30, 2023  | Monday |
| End of Committee       | December 15, 2023 | Friday |
| Committee Exam         | December 15, 2023 | Friday |

|                          |                   |        |
|--------------------------|-------------------|--------|
| Commemoration of Atatürk | November 10, 2023 | Friday |
|--------------------------|-------------------|--------|

#### COMMITTEE III

#### GASTROINTESTINAL SYSTEM (4 Weeks)

|                        |                   |        |
|------------------------|-------------------|--------|
| Beginning of Committee | December 18, 2023 | Monday |
| End of Committee       | January 12, 2024  | Friday |
| Committee Exam         | January 12, 2024  | Friday |

|          |                  |        |
|----------|------------------|--------|
| New Year | January 01, 2024 | Monday |
|----------|------------------|--------|

#### COMMITTEE IV

#### ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS (7 Weeks)

|                        |                  |        |
|------------------------|------------------|--------|
| Beginning of Committee | January 15, 2024 | Monday |
| End of Committee       | March 15, 2024   | Friday |
| Committee Exam         | March 15, 2024   | Friday |

|               |                      |  |
|---------------|----------------------|--|
| MIDTERM BREAK | Jan 22 – Feb 2, 2024 |  |
|---------------|----------------------|--|

|                 |                |          |
|-----------------|----------------|----------|
| Physicians' Day | March 14, 2024 | Thursday |
|-----------------|----------------|----------|

#### COMMITTEE V

#### NERVOUS SYSTEM and PSYCHIATRY (7 Weeks)

|                        |                |        |
|------------------------|----------------|--------|
| Beginning of Committee | March 18, 2024 | Monday |
| End of Committee       | May 3, 2024    | Friday |
| Committee Exam         | May 3, 2024    | Friday |

|                   |                                   |                  |
|-------------------|-----------------------------------|------------------|
| Religious Holiday | April 9 <sup>1/2</sup> – 12, 2024 | Tuesday - Friday |
|-------------------|-----------------------------------|------------------|

National Holiday  
Labor's Day

April 23, 2024  
May 01, 2024

Tuesday  
Wednesday

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

Beginning of Committee

May 6, 2024

Monday

End of Committee

June 7, 2024

Friday

Committee Exam

June 6, 2024

Thursday

National Holiday

May 19, 2024

Sunday

**INTRODUCTION to CLINICAL SCIENCES (MED 302):**

Make-up Exam

June 11-13, 2024

Tuesday – Thursday

Final Exam

July 3, 2024

Wednesday

Incomplete Exam

July 23, 2024

Tuesday

**INTRODUCTION to CLINICAL PRACTICE – III (MED 303):**

Beginning of ICP - III

Sept 25, 2023

Monday

End of ICP - III

May 24, 2024

Friday

Midterm Exam

March 28-29, 2024

Thursday – Friday

Make-up Exam

May 24, 2024

Friday

Final Exam

July 4-5, 2024

Wednesday – Friday

Incomplete Exam

July 22, 2024

Monday

**FREE ELECTIVE COURSES:**

Introduction to Elective Courses

Jan 5, 2024

Friday

Beginning of Elective Courses

Feb 16, 2024

Friday

End of Elective Courses

May 24, 2024

Friday

Midterm Exam

March 29, 2024

Friday

Make-up Exam

June 21-28, 2024

Friday -Friday

Final Exam

June 8-14, 2024

Saturday- Friday

Incomplete Exam

July 8-17, 2024

Monday- Wednesday

**COORDINATION COMMITTEE MEETINGS**

1<sup>st</sup> Coordination Committee Meeting:

October 17, 2023

Thursday

2<sup>nd</sup> Coordination Committee Meeting:  
(with student participation)

January 10, 2024

Wednesday

3<sup>rd</sup> Coordination Committee Meeting:  
(with student participation)

May 14, 2024

Tuesday

4<sup>th</sup> Coordination Committee Meeting:

July 9, 2024

Tuesday

## **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.

# 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**

YUTF - Undergraduate Medical Education Program was designed to provide our graduates with the competencies that are specified in the National Competencies List of medical graduates (UYYB).

UYYB is a national document that indicates the expected/required competencies of the students who are at the stage of graduating from Medical Schools in Turkey.

You can find UYYB from the

link: [https://www.yok.gov.tr/Documents/Kurumsal/egitim\\_ogretim\\_dairesi/Ulusal-cekirdek-egitimi-programlari/mezuniyet-oncesi-tip-egitimi-cekirdek-egitimi-programi.pdf](https://www.yok.gov.tr/Documents/Kurumsal/egitim_ogretim_dairesi/Ulusal-cekirdek-egitimi-programlari/mezuniyet-oncesi-tip-egitimi-cekirdek-egitimi-programi.pdf)



|  |
|--|
| <b>COMPETENCY AREA-1 / Professional Practices</b>  |
| <b>COMPETENCY 1.1. Health Service Provider</b>   |
| <b>Competence 1.1.1.</b> Integrates knowledge, skills, and attitudes acquired from basic and clinical medical sciences, behavioral sciences, and social sciences to provide health services.   |
| <b>Competence 1.1.2.</b> Demonstrates a biopsychosocial approach that considers the individual's sociodemographic and sociocultural background without discrimination based on language, religion, race, or gender in patient management.                          |
| <b>Competence 1.1.3.</b> Prioritizes the protection and improvement of individuals' and community's health in the delivery of healthcare services.   |
| <b>Competence 1.1.4.</b> Performs the necessary actions in the direction of maintaining and improving the state of health as considering the individual, social, social and environmental factors affecting health.  |
| <b>Competence 1.1.5.</b> Provides health education to healthy/ill individuals and their families, as well as to other healthcare professionals, by recognizing the characteristics, needs, and expectations of the target audience.                                |
| <b>Competence 1.1.6.</b> Demonstrates a safe, rational, and effective approach in the processes of protection, diagnosis, treatment, follow-up, and rehabilitation in health service delivery.   |
| <b>Competence 1.1.7.</b> Performs interventional and/or non-interventional procedures safely and effectively for the patient in the processes of diagnosis, treatment, follow-up, and rehabilitation.  |
| <b>Competence 1.1.8.</b> Provides healthcare services considering patient and employee health and safety.  |
| <b>Competence 1.1.9.</b> Considers changes related to the physical and socio-economic environment at both regional and global scales that affect health, as well as changes in the individual characteristics and behaviors of those who seek healthcare services. |
| <b>COMPETENCY AREA-2 / Professional Values and Approaches</b>  |
| <b>COMPETENCY 2.1. Adopting Professional Ethics and Principles</b>   |
| <b>Competence 2.1.1.</b> Considers good medical practices while performing the profession.   |
| <b>Competence 2.1.2.</b> Fulfills duties and obligations within the framework of ethical principles, rights, and legal responsibilities required by the profession.  |
| <b>Competence 2.1.3.</b> Demonstrates determined behavior in providing high-quality healthcare while considering the patient's integrity.  |
| <b>Competence 2.1.4.</b> Evaluates own performance in professional practices by considering own emotions and cognitive characteristics.  |
| <b>COMPETENCY 2.2. Health Advocate</b>   |
| <b>Competence 2.2.1.</b> Advocates for the improvement of healthcare service delivery by considering the concepts of social accountability and social responsibility in the protection and enhancement of community health.  |
| <b>Competence 2.2.2.</b> Plans and implements service delivery, education, and counseling processes related to individual and community health, in collaboration with all stakeholders, for the protection and improvement of health.                              |
| <b>Competence 2.2.3.</b> Evaluates the impact of health policies and practices on individual and community health indicators and advocates for the improvement of healthcare quality.  |
| <b>Competence 2.2.4.</b> Gives importance to protecting and improving own physical, mental, and social health and takes necessary actions for it.  |
| <b>COMPETENCY 2.3. Leader-Manager</b>  |
| <b>Competence 2.3.1.</b> Demonstrates exemplary behavior and leadership within the healthcare team during service delivery.  |
| <b>Competence 2.3.2.</b> Utilizes resources in a cost-effective, socially beneficial, and compliant manner with regulations in the planning, implementation, and evaluation processes of healthcare services as the manager in the healthcare institution.         |
| <b>COMPETENCY 2.4. Team Member</b>   |
| <b>Competence 2.4.1.</b> Communicates effectively within the healthcare team and takes on different team roles as necessary.   |

|  |
|--|
| <b>Competence 2.4.2.</b> Displays appropriate behaviors while being aware of the duties and responsibilities of healthcare workers within the healthcare team.   |
| <b>Competence 2.4.3.</b> Works collaboratively and effectively with colleagues and other professional groups in professional practice.   |
| <b>COMPETENCY 2.5. Communicator</b>  |
| <b>Competence 2.5.1.</b> Communicates effectively with patients, their families, healthcare professionals, and other occupational groups, institutions and organizations.  |
| <b>Competence 2.5.2.</b> Communicates effectively with individuals and groups who require a special approach and have different sociocultural characteristics.   |
| <b>Competence 2.5.3.</b> Demonstrates a patient-centered approach that involves the patient in decision-making mechanisms during the diagnosis, treatment, follow-up, and rehabilitation processes.                                  |
| <b>COMPETENCY AREA-3 / Professional and Personal Development</b>   |
| <b>COMPETENCY 3.1. Scientific and Analytical Approach</b>  |
| <b>Competence 3.1.1.</b> Plans and implements scientific research, as necessary, for the population it serves, and utilizes the results obtained, as well as those from other research, for the benefit of the community.            |
| <b>Competence 3.1.2.</b> Accesses and critically evaluates current literature related to their profession.   |
| <b>Competence 3.1.3.</b> Applies evidence-based medicine principles in the clinical decision-making process.   |
| <b>Competence 3.1.4.</b> Uses information technologies to enhance the effectiveness of healthcare, research, and education activities.   |
| <b>COMPETENCY 3.2. Lifelong Learner</b>  |
| <b>Competence 3.2.1.</b> Manages effectively individual study processes and career development.  |
| <b>Competence 3.2.2.</b> Demonstrates skills in acquiring, evaluating, integrating new information with existing knowledge, applying to professional situations, and adapting to changing conditions throughout professional career. |
| <b>Competence 3.2.3.</b> Selects the right learning resources to improve the quality of health care and organizes the learning process.  |

### 2023-2024 CURRICULUM OF PHASE III

| CODE          |     | THIRD YEAR                             | W  | T   | A | L  | Y | E  |
|---------------|-----|--|----|-----|---|----|---|----|
| MED           | 302 | Introduction to Clinical Sciences      | 38 | 665 |   | 19 |   | 53 |
| MED           | 303 | Introduction to Clinical Practice III  | 32 | 12  |   | 24 |   | 5  |
| MED           | XXX | Free Elective Course <sup>1</sup> (SS) | 14 | 28  |   |    |   | 2  |
| Total Credits |     |  |    |     |   |    |   | 60 |

The curriculum applies to 2023-2024 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.

<sup>1</sup>Free Elective Courses. At least one free elective course offered by the Faculty of Medicine or other faculties must be selected in an academic year. Free elective courses provided by Faculty of Medicine in the first three years: MED 611 Medical Anthropology, MED 612 Creative Drama I, MED 613 Medical Humanities, MED 614 Personal Trademark Development, MED 615 Innovation Management, MED 616 Medical Management and New Services Design Skills, MED 619 Entrepreneurship and Storytelling Techniques for Business Purposes, MED 620 Art, Culture and Life Styles, MED 621 Epidemiological Research and Evidence Based Medicine, MED 622 Applications of Economics in Health Care, MED 623 Visual Presentation in Medicine, MED 627 Presentation of Medicine on Media, MED 628 Healthy Living: The Milestones of the Life for Performance Management, 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, MED 636 Art Project, MED 637 Artistic Photography and Composition.

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

T: Theoretical, A: Application, L: Laboratory, Y: Yeditepe University Credit, E: ECTS Credit.

NC: Non-Credit Course, FS: Fall Semester, SS: Spring Semester, W: Weeks

\* Please see [https://med.yeditepe.edu.tr/sites/default/files/curriculum\\_2023-24\\_ytf\\_tr.docx](https://med.yeditepe.edu.tr/sites/default/files/curriculum_2023-24_ytf_tr.docx) for total curriculum of Med Fac.

### **DESCRIPTION and CONTENT of PHASE III**

Pathophysiological 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.

## AIM 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

### MED 303 ICP III COURSE 2023-2024 ACADEMIC PROGRAM

| DAY       | HOUR        | SUBJECT                                       | LECTURER  |
|-----------|-------------|---|---|
| 25-Sep-23 | 14.00-16.50 | Ear-Nose-Throat Examination GROUP C           | Z. Alkan / M. Kılıçoğlu                             |
| MONDAY    |             |   |   |
| 26-Sep-23 | 09.00-11.50 | Ear-Nose-Throat Examination GROUP D           | Z. Alkan / M. Kılıçoğlu                             |
| TUESDAY   |             |   |   |
| 4-Oct-23  | 10.00-12.50 | Ear-Nose-Throat Examination GROUP A           | Z. Alkan / M. Kılıçoğlu                             |
| WEDNESDAY |             |   |   |
| 11-Oct-23 | 14.00-16.50 | Ear-Nose-Throat Examination GROUP B           | Z. Alkan / M. Kılıçoğlu                             |
| WEDNESDAY |             |   |   |
| 2-Nov-23  | 09:00-11:50 | Advanced Cardiac Life Support GROUP B         | T. Utku / Ö.Köner                                   |
| THURSDAY  |             |   |   |
| 3-Nov-23  | 14.00-16.50 | Advanced Cardiac Life Support GROUP A         | T. Utku / Ö.Köner                                   |
| FRIDAY    |             |   |   |
| 15-Nov-23 | 14.00-16.50 | Approach to a patient With Chest Pain GROUP A | G.izbırak / T. Sadıkoğlu / S.Özdemir / D.Altıparmak |
| WEDNESDAY |             |   |   |
| 17-Nov-23 | 09.00-11.50 | Advanced Cardiac Life Support GROUP C-D       | T. Utku / Ö.Köner                                   |
| FRIDAY    | 14.00-16.50 |   |   |
| 20-Nov-23 | 09.00-11.50 | Approach to a patient With Chest Pain GROUP B | G.izbırak / S.Özdemir / D.Altıparmak                |

|                  |             |   |   |
|------------------|-------------|---|---|
|                  |             |   |   |
| <b>MONDAY</b>    | 14:00-16:50 | <b>Examination of Cardiovascular and Respiratory System GROUP C</b> | O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş |
|                  |             |   |   |
| <b>21-Nov-23</b> | 14:00-16:50 | <b>Examination of Cardiovascular and Respiratory System GROUP D</b> | O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş |
| <b>TUESDAY</b>   |             |   |   |
|                  |             |   |   |
| <b>29-Nov-23</b> | 09.00-11.50 | <b>Examination of Cardiovascular and Respiratory System GROUP B</b> | O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş |
| <b>WEDNESDAY</b> |             |   |   |
|                  |             |   |   |
| <b>30-Nov-23</b> | 09.00-11.50 | <b>Approach to a patient With Chest Pain GROUP C</b>                | G.izbırak / T. Sadıkoğlu / S.Özdemir / D.Altıparmak                 |
|                  |             |   |   |
| <b>THURSDAY</b>  |             |   |   |
|                  |             |   |   |
| <b>1-Dec-23</b>  | 14.00-16.50 | <b>Examination of Cardiovascular and Respiratory System GROUP A</b> | O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş |
| <b>FRIDAY</b>    |             |   |   |
|                  |             |   |   |
| <b>6-Dec-23</b>  | 14:00-16:50 | <b>Approach to a patient With Chest Pain GROUP D</b>                | G.izbırak / T. Sadıkoğlu / S.Özdemir / D.Altıparmak                 |
| <b>WEDNESDAY</b> |             |   |   |
|                  |             |   |   |
| <b>2-Jan-24</b>  | 14:00-16:50 | <b>History Taking GROUP A</b>                                       | G.izbırak / T. Sadıkoğlu / S.Özdemir / D.Altıparmak                 |
| <b>TUESDAY</b>   |             | <b>Physical Examination of Gastrointestinal System GROUP A</b>      | A. Y. Kavırmacı / E. Bayar  |
|                  |             |   |   |
| <b>3-Jan-24</b>  | 09.00-11.50 | <b>History Taking GROUP C</b>                                       | G.izbırak / T. Sadıkoğlu / S.Özdemir / D.Altıparmak                 |
| <b>WEDNESDAY</b> |             | <b>Physical Examination of Gastrointestinal System GROUP C</b>      | A. Y. Kavırmacı / E. Bayar  |
|                  |             |   |   |

|           |             |   |   |
|-----------|-------------|---|---|
| 4-Jan-24  | 09:00-11:50 | History Taking GROUP B  | G.izbırak / T. Sadıkoğlu / S.Özdemir / D.Altıparmak |
| THURSDAY  |             | Physical Examination of Gastrointestinal System GROUP B   | A. Y. Kavurmacı / E. Bayar                          |
|           |             |   |   |
| 5-Jan-24  | 09:00-11:50 | History Taking GROUP D  | G.izbırak / T. Sadıkoğlu / S.Özdemir / D.Altıparmak |
| FRIDAY    |             | Physical Examination of Gastrointestinal System GROUP D   | A. Y. Kavurmacı / E. Bayar                          |
|           |             |   |   |
| 18-Jan-24 | 09:00-11:50 | Follow-up of pregnancy & stages of normal labour & Gynecological examination, PAP smear obtaining GROUP A | R.Attar./M.Yeşiladalı/M.Gökçe Koçer Yazıcı          |
| THURSDAY  |             |   |   |
|           |             |   |   |
| 8-Feb-24  | 09:00-11:50 | Follow-up of pregnancy & stages of normal labour & Gynecological examination, PAP smear obtaining GROUP B | R.Attar./M.Yeşiladalı/M.Gökçe Koçer Yazıcı          |
| THURSDAY  |             |   |   |
|           |             |   |   |
| 15-Feb-24 | 09:00-11:50 | Follow-up of pregnancy & stages of normal labour & Gynecological examination, PAP smear obtaining GROUP C | R.Attar./M.Yeşiladalı/M.Gökçe Koçer Yazıcı          |
| THURSDAY  |             |   |   |
|           |             |   |   |
| 16-Feb-24 | 09:00-11:50 | Follow-up of pregnancy & stages of normal labour & Gynecological examination, PAP smear obtaining GROUP D | R.Attar./M.Yeşiladalı/M.Gökçe Koçer Yazıcı          |
| FRIDAY    |             |   |   |
|           |             |   |   |
| 20-Feb-24 | 14:00-16:50 | Clinical Breast Examination GROUP D   | M. Ersan / E. Özer / B. Kağan Aysal                 |
| TUESDAY   |             |   |   |
|           |             |   |   |
| 26-Feb-24 | 14:00-16:50 | Clinical Breast Examination GROUP B   | M. Ersan / E. Özer / B. Kağan Aysal                 |
| MONDAY    |             |   |   |

|                             |             |   |  |
|-----------------------------|-------------|---|--|
|                             |             |   |  |
| 27-Feb-24                   | 14:00-16:50 | Clinical Breast Examination GROUP C                                 | M. Ersan / E. Özer / B. Kağan Aysal                |
| TUESDAY                     |             |   |  |
|                             |             |   |  |
| 4-Mar-24                    | 14:00-16:50 | Clinical Breast Examination GROUP A                                 | M. Ersan / E. Özer / B. Kağan Aysal                |
| MONDAY                      |             |   |  |
|                             |             |   |  |
| 7-Mar-24                    | 09:00-11:50 | Physical Examination of the Newborn and Child Patient GROUP A-B-C-D | Ç. Ayanoğlu / M. Berber                            |
| THURSDAY                    | 14:00-16:50 |   |  |
|                             |             |   |  |
| 28-29.03.2024 OSCE - I EXAM |             |   |  |
|                             |             |   |  |
| 04.APR.2024                 | 09:00-11:50 | Neuropsychiatric assessment GROUP C                                 | R. Bilgen / O. Taycan / O. Zahmacioğlu / H. Atalay |
| THURSDAY                    |             |   |  |
|                             |             |   |  |
| 17.APR.2024                 | 14.00-16.50 | General Physical Examination GROUP A                                | A. Kurt  |
| WEDNESDAY                   |             |   |  |
|                             |             |   |  |
| 18.APR.2024                 | 10.00-12.50 | Neuropsychiatric assessment GROUP A                                 | R. Bilgen / O. Taycan / O. Zahmacioğlu / H. Atalay |
| THURSDAY                    |             |   |  |
|                             |             |   |  |
| 24-Apr-24                   | 09.00-11.50 | General Physical Examination GROUP D                                | A. Kurt  |
| WEDNESDAY                   | 14.00-16.50 | Neuropsychiatric assessment GROUP B                                 | R. Bilgen / O. Taycan / O. Zahmacioğlu / H. Atalay |
|                             |             |   |  |
|                             |             |   |  |

|             |             |  |  |
|-------------|-------------|--|--|
| 25-Apr-24   | 09.00-11.50 | Neuropsychiatric assessment GROUP D                        | R. Bilgen / O. Taycan / O. Zahmacioğlu / H. Atalay |
| THURSDAY    | 14.00-17.50 | General Physical Examination GROUP B                       | A. Kurt  |
|             |             |  |  |
| 26.APR.2024 | 09.00-11:50 | General Physical Examination GROUP C                       | A. Kurt  |
| FRIDAY      |             |  |  |
|             |             |  |  |
| 9-May-24    | 09.00-11.50 | Physical examination of the musculoskeletal system GROUP A | G. Meriç / B. Aksu                                 |
| THURSDAY    |             |  |  |
|             |             |  |  |
| 15-May-24   | 09.00-11.50 | Suturing Technique GROUP B                                 | M. Ersan / E. Özer / B. Kağan Aysal                |
| WEDNESDAY   |             |  |  |
|             | 14:00-16:50 | Physical examination of the musculoskeletal system GROUP D | G. Meriç / B. Aksu                                 |
|             |             |  |  |
| 20-May-24   | 09.00-11.50 | Suturing Technique GROUP C                                 | M. Ersan / E. Özer / B. Kağan Aysal                |
| MONDAY      |             |  |  |
|             | 14:00-16:50 | Suturing Technique GROUP A                                 | M. Ersan / E. Özer / B. Kağan Aysal                |
|             |             |  |  |
| 22-May-24   | 14:00-16:50 | Physical examination of the musculoskeletal system GROUP C | G. Meriç / B. Aksu                                 |
| WEDNESDAY   |             |  |  |
|             |             |  |  |
| 23-May-24   | 14:00-16:50 | Suturing Technique GROUP D                                 | M. Ersan / E. Özer / B. Kağan Aysal                |
| THURSDAY    |             |  |  |
|             |             |  |  |



|  |             |  |                    |
|--|-------------|--|--------------------|
| 24-May-24  |             |  |                    |
| 14:00-16:50  | 10:00-12:50 | Physical examination of the musculoskeletal system GROUP B | G. Meriç / B. Aksu |
|  |             |  |                    |
| <p>Beginning of ICP - III Sept 25, 2023 Monday<br/> End of ICP - III May 24, 2024 Friday<br/> Midterm Exam March 28-29, 2024 Thursday – Friday<br/> Make-up Exam May 24, 2024 Friday<br/> Final Exam July 04-05, 2024 Wednesday – Friday<br/> Incomplete Exam July 22, 2023 Monday</p> |             |  |                    |

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

### **AIM**

The aim of scientific research and project course - III (SRPC – III) is to equip third-year medical students with knowledge and skills 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.

### **LEARNING OBJECTIVES**

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

#### **KNOWLEDGE**

- 1.0 explain basics of scientific research and scientific methodology
- 2.0 explain characteristics of scientific research
- 3.0 describe process of conducting a scientific research
- 4.0 describe each step of writing a scientific project proposal
- 5.0 explain the basics of writing a cover letter and CV

#### **SKILLS**

- 1.0 find feasible research questions
- 2.0 conduct literature review
- 3.0 write a scientific research proposal
- 4.0 prepare CV
- 5.0 prepare cover letter

### **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 assignments should be uploaded to google classroom **before 19 January 2024 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 31 May 2024 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 Course Score (SRPCS)
  - Final Exam Score (FES)
  - Incomplete Exam Score (ICES)
  - Term Score (TS)

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

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

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

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

| Scores Information<br>(MED 302, MED 303)                              |   |
|---|---|
| <b>CS</b>   | 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. |
| <b>CMS</b>  | = Average of CSs  |
| <b>ICPS</b>   | = (50% Midterm) + (50% Final)   |
| <b>SRPCS</b>  | = Score information is shown in below Scientific Research and Project Course-III page.  |
| <b>FES</b>  | = Final Exam Score  |
| <b>ICES</b>   | = Incomplete Exam Score   |
| <b>TS</b><br><i>for students, <u>who are exempted from FE</u></i>     | = 97% of CMS + 3% of SRPCS  |
| <b>TS</b><br><i>for students, <u>who are not exempted from FE</u></i> | = 97% of (60% of CMS + 40% of FES or ICES) + 3% of SRPCS  |

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

| <b>Grades</b> | <b>Letter Grades</b>   |
|---------------|--|
| 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)                                      |

## **RULES FOR COURSE ATTENDANCE OF THE STUDENTS**

### **General Rules:**

Students are required to attend the all theoretical and practical sessions such as laboratory work, discussions, seminars, area and clinical studies of courses for the term they are enrolled in. Students whose absenteeism in the theoretical and/or practical sessions exceeds 20% are not admitted to term final and incomplete examinations of the courses.

### **Phase I, II, and III:**

#### **BMS I, BMS II, ICS course committees**

A student is required to attend a committee in full. A student who fails to fulfill the attendance requirements is not admitted to the committee examination, and is deemed to have failed that committee. The absenteeism of a student, whose absenteeism does not exceed 20% of a committee and who has a reason considered justified and valid, may be accepted. However, a student whose absenteeism in the theoretical and/or practical sessions in a committee exceeds 20% but whose excuse is accepted by the Board of Directors, is admitted to the make-up examination of the related committee if his/her absenteeism does not exceed 20% of the total number of the course hours covering/including all the committees throughout the term.

#### **ICP I,II,III courses**

A student whose absenteeism exceeds 20% of the theoretical and/or laboratory sessions in the program until the midterm exam date will not be admitted to the ICP Mid-Term exam (MCQ and/or OSCE). However, a student whose absence exceeds 20%, but whose excuse is accepted by the Board of Directors, is admitted to the make-up examination of the ICP Mid-Term exam, if his/her absenteeism does not exceed 20% of the total course hours during the term.

**For more information:** [https://yeditepe.edu.tr/sites/default/files/2023-02/yeditepe\\_university\\_faculty\\_of\\_medicine\\_training-instruction\\_and\\_examination\\_regulation.pdf](https://yeditepe.edu.tr/sites/default/files/2023-02/yeditepe_university_faculty_of_medicine_training-instruction_and_examination_regulation.pdf)

## 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 OF FREE ELECTIVE COURSES

Free 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.

### List of Free Elective Courses

| Code    | Subject  |
|---------|--|
| 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 | Application of Economics in Health Care  |
| MED 623 | Visual Presentation in Medicine  |
| MED 627 | Presentation of Medicine on Media  |
| MED 628 | Healthy Living: The Milestones of the Life for Performance Management                |
| 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 Sciences   |
| MED 635 | Advanced Level Communication with Hearing Impaired Patients in Turkish Sign Language |
| MED 636 | Art Project  |
| MED 637 | Artistic Photography and Composition   |

Please visit the website for more information: <https://med.yeditepe.edu.tr/en/academic-program-booklets> (You can reach Elective Courses Guide)



## **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

**MED 302**

### COURSE NAMES

INTRODUCTION to CLINICAL  
SCIENCES

### LOCATIONS

**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. Tamparo.   | F.A. Davis Publishing House            |
|    |   | Medical Ethics, 2013   | Michael Boylan  | Wiley-Blackwell Publishing House       |
| 2  | BIOSTATISTICS                                 | Principles of Biostatistics, 2000  | Pagano, Marcello, Gauvreau, Kimberlee   | Duxbury Press                          |
|    |   | Primer of Biostatistics. 7th Edition, 2011   | Glantz, Stanton A   | McGraw Hill Professional               |
| 3  | INFECTIOUS DISEASES AND CLINICAL MICROBIOLOGY | Medical Microbiology with STUDENT CONSULT Online Access. 8th Edition, 2016.  | Murray, Patrick R, Rosenthal, Ken S, Pfaller, Michael A.  |  |
| 4  | MEDICAL GENETICS                              | Emery's Elements of Medical Genetics. 14th Edition.  | Turnpenny, Peter D, Ellard, Sian.   | Churchill Livingstone                  |
| 5  | NEUROSURGERY                                  | Microneurosurgery, Volume I to Volume V, Thieme Kindle Edition   | Mahmut Gazi Yasargil  |  |
|    |   | Neurology and Neurosurgery Illustrated, 5th Edition  | Kenneth W. Lindsay PhD FRCS, Ian Bone FRCP FACP, Geraint Fuller MD FRCP                                   |  |
|    |   | Handbook of Neurosurgery   | Mark S. Greenberg   |  |
| 6  | PHARMACOLOGY                                  | Lippincott's Illustrated Review of Pharmacology. 6th ed, 2015  | Harvey, Richard A.  | Wolters Kluwer Health                  |
|    |   | Katzung's Basic & Clinical Pharmacology. 14th Edition. 2017  | Katzung, Bertram G., Masters, Susan B., Trevor Anthony J.   | McGraw Hill Companies                  |
|    |   | Goodman&Gilman's The Pharmacological Basis of Therapeutics. 13th Edition.2017  | Brunton, Laurence, Chabner, Bruce, Knollman, Bjorn  | McGraw Hill Companies                  |
| 7  | ORTHOPEDIC SURGERY                            | Ortopedik Fizik Muayane  | Uğur Şaylı  | Güneş Tıp Kitapevi                     |
|    |   | Review of Orthopaedics 6th edition   | Mark D. Miller  |  |
|    |   | AAOS Comprehensive Orthopaedic Review 2nd edition  | Martin I. Boyer   |  |
| 8  | PATHOLOGY                                     | Robbins Basic Pathology. 9th edition,2013  | Abbas Aster, Kumar.   | Saunders, Elsevier Inc.                |
| 9  | PSYCHIATRY                                    | Ruh Sağlığı ve Bozuklukları. 2. Baskı, Ankara 2011   | Öztürk O  |  |
|    |   | Kaplan & Sadock's Comprehensive Textbook of Psychiatry, 9. Ed. 2009,   | Sadock BJ, Sadock VA, Ruiz P.   | Lippincott Williams & Wilkins, PA, USA |
|    |   | Neuroscience. 5. Ed. 2012  | Purves D, Augustine GJ. Fitzpatrick D.  | Sinauer Assoc, Mass, USA.              |
| 10 | GENERAL SURGERY                               | Schwartz's Principles of Surgery, 10th edition, July 16, 2014  | Brunicaardi, F  |  |
| 11 | UROLOGY                                       | Campbell-Walsh Urology, 11th Edition 4-Volume Set. 2016  | Alan J. Wein, MD, FACS, PhD (hon), Louis R. Kavoussi, MD, Alan W. Partin, MD, PhD and Craig A. Peters, MD | Elsevier                               |
| 12 | PATHOPHYSIOLOGY                               | Harrison's Principles of Internal Medicine, 21e; Joseph Loscalzo, Anthony Fauci, (you can read this bookfrom <a href="https://accessmedicine.mhmedical.com">https://accessmedicine.mhmedical.com</a> ; access provided by Yeditepe University) | Dennis Kasper, Stephen Hauser, Dan Longo, J. Larry Jameson  | McGraw Hill                            |
|    |   | Pathophysiology of Disease: An Introduction to Clinical Medicine, 8e. (you can read this book from <a href="https://accessmedicine.mh">https://accessmedicine.mh</a>   | Gary D. Hammer, Stephen J. McPhee, Lange  | McGraw Hill                            |

|    |            |  |                     |             |
|----|------------|--|---------------------|-------------|
|    |            | medical.com; access provided by Yeditepe University)   |                     |             |
|    |            | Huppert's Notes: Pathophysiology and Clinical Pearls for Internal Medicine, (you can read this book from <a href="https://accessmedicine.mhmedical.com">https://accessmedicine.mhmedical.com</a> ; access provided by Yeditepe University) | Laura A. Huppert.   | McGraw Hill |
| 13 | IMMUNOLOGY | Basic Immunology, Functions and Disorders of the Immune System, 7th edition 2023   | Abul K Abbas et al. | Elsevier    |
|    |            | Clinical Immunology, 6th edition 2022  | Robert Rich et al.  | Elsevier    |



# COMMITTEE I - INFECTIOUS DISEASES & HEMATOPOIETIC SYSTEM

## DISTRIBUTION of LECTURE HOURS

September 4, 2023 – October 27, 2023

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      | 12    | 0          | 0                      | 0          | 12    |
|         | MEDICAL MICROBIOLOGY                       | MM      | 18    | 2H+4GrX4H  | 0                      | 0          | 24    |
|         | PHARMACOLOGY                               | PC      | 21    | 0          | 0                      | 0          | 21    |
|         | PATHOLOGY                                  | PT      | 14    | 0          | 0                      | 2          | 16    |
|         | 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      | 6     | 0          | 0                      | 0          | 6     |
|         | 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     |
|         | MEDICAL BIOLOGY                            | MB      | 1     | 0          | 0                      | 0          | 1     |
|         | INTERDISCIPLINARY (ID, PT, HEM)            | MCDP    | 0     | 0          | 0                      | 2          | 2     |
|         | SCIENTIFIC RESEARCH and PROJECT COURSE-III | SRPC    | 2     | 0          | 4Gr X 2H               | 0          | 4     |
|         | TOTAL                                      |         | 131   | 6          | 2                      | 4          | 143   |
| MED 303 | INTRODUCTION to CLINICAL PRACTICE III      | ICP III |       | 4Gr X 3H   |                        |            | 3     |
|         | INDEPENDENT LEARNING HOURS                 |         |       |            |                        |            | 169   |

### Coordination Committee

|           |                               |
|-----------|-------------------------------|
| HEAD      | Meral Sönmezoğlu, MD, Prof.   |
| SECRETARY | Başak Aru, PhD, Assist. 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                       | Güner Söyletir, MD, Prof.<br>Aynur Eren Topkaya, MD, Prof.<br>Pınar Çıragil, MD, Prof.<br>Sibel Ergüven, MD, Prof.<br>Nilgün Çerikçioğlu, MD, Prof. |
| PHARMACOLOGY                               | Ece Genç, PhD, Prof.<br>Emine Nur Özdamar, MD, Assist. Prof<br>Ahmet Cenk Andaç, PhD. Assist. Prof  |
| PATHOLOGY                                  | Aydın Sav, MD, Prof.<br>Ezgi Hacıhasanoğlu, MD, Assist. Prof  |
| HEMATOLOGY                                 | Figen Atalay, MD, Assoc.Prof.<br>Elif Birtaş Ateşoğlu, MD, Assoc.Prof.  |
| PEDIATRICS                                 | Sabri Kemahlı, MD, Prof<br>Fulya Coşkunol, MD   |
| PUBLIC HEALTH                              | Hale Arık Taşyikan, MD, Assist. Prof  |
| PATHOPHYSIOLOGY                            | Mehtap Kaçar, MD, PhD, Prof.  |
| BIOMEDICAL ETHICS & DEONTOLOGY             | Adem Az, MD   |
| FAMILY MEDICINE                            | Güldal İzbirak, MD, Prof.<br>Tümay Sadıkoğlu, MD.   |
| EMERGENCY MEDICINE                         | Mustafa Ferudun Çelikmen, MD, Assist Prof.  |
| BIOSTATISTICS                              | Çiğdem Keleş, PhD, Assist. Prof.  |
| MEDICAL GENETICS                           | Ayşegül Çınar Kuşkucu, MD, Assoc. Prof.   |
| PHYTOTHERAPY                               | Etil Güzelmeriç, Assist Prof.   |
| ONCOLOGY                                   | Bala Başak Öven, MD, Prof.<br>Serkan Çelik, MD, Prof.   |
| IMMUNOLOGY                                 | Gülderen Yanıkkaya Demirel, MD, PhD, Prof.  |
| MEDICAL BIOLOGY                            | Ayşe Özer, PhD, Prof.   |
| OTHER COURSES                              |   |
| DISCIPLINE                                 | LECTURERS   |
| SCIENTIFIC RESEARCH and PROJECT COURSE-III | Aylin Yaba Uçar, PhD, Prof.(Responsible Faculty Member)<br>Hale Arık Taşyikan, MD, Assist Prof.   |

| MED 303 INTRODUCTION to CLINICAL PRACTICE III |   |
|---|---|
| DISCIPLINE                                    | LECTURERS   |
| CLINICAL SKILLS LAB                           | Zeynep Alkan, MD, Assoc. Prof.<br>M. Kılıçoğlu, MD. |

## **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/<br>INSTRUCTOR | NUMBER of QUESTIONS (MCQ) |    |    |       |
|  |            |                         | CE                        | FE | IE | Total |
| I1-I6, H1-H6   | ID         | M. Sönmezoğlu           | 8                         | 4  | 4  | 16    |
| I1-I5  | MM         | G. Söyletir             | 12                        | 6  | 6  | 24    |
|  |            | N. Çerikçioğlu          |                           |    |    |       |
|  |            | S. Ergüven              |                           |    |    |       |
| I7-H7  | PC         | E. Genç                 | 14                        | 6  | 6  | 26    |
|  |            | A. C. Andaç             |                           |    |    |       |
|  |            | E.N. Özdamar            |                           |    |    |       |
| I2, H2   | PT         | A. Sav                  | 10                        | 4  | 4  | 18    |
|  |            | E.Hacıhasanoğlu         |                           |    |    |       |
| I8   | BED        | A. Az                   | 8                         | 3  | 3  | 14    |
| H1-H6  | HEM        | F. Atalay               | 8                         | 4  | 4  | 16    |
|  |            | E. B. Ateşoğlu          |                           |    |    |       |
| I3-I4, H3  | PH         | H. A.Taşıyan            | 6                         | 3  | 3  | 12    |
| 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              | 3                         | 2  | 2  | 7     |
|  |            | F.Coşkunol              |                           |    |    |       |
| I2, H2   | PP         | M. Kaçar                | 4                         | 2  | 2  | 8     |
| H8   | PHY        | E. Güzelmeriç           | 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. İzbrak               | 1                         | 0  | 0  | 1     |
|  |            | T. Sadıkoğlu            |                           |    |    |       |
| I5   | EM         | M. F. Çelikmen          | 1                         | 0  | 0  | 1     |
| H1   | MB         | A. Özer                 | 1                         | 0  | 0  | 1     |
| TOTAL  |            |                         | 90                        | 41 | 41 | 172   |
| LEARNING OBJECTIVE   | DISCIPLINE | LECTURER/<br>INSTRUCTOR | NUMBER of QUESTIONS (EMQ) |    |    |       |
|  |            |                         |                           |    |    |       |
| 1.0 -12.0, H7, H8  | ID         | M. Sönmezoğlu           | 2                         | -  | -  | 2     |
| H1 – H7  | HEM        | F. Atalay/E.B.Ateşoğlu  | 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

**\*\*41** 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 / 4 – 8 Sep 2023**

|                      | <b>Monday<br/>4-Sep--2023</b>   | <b>Tuesday<br/>5-Sep--2023</b>  | <b>Wednesday<br/>6-Sep--2023</b>   | <b>Thursday<br/>7-Sep--2023</b> | <b>Friday<br/>8-Sep--2023</b>  |
|----------------------|---|---|--|---------------------------------|--|
| <b>09.30- 09.50</b>  | Independent Learning  | Independent Learning  | Independent Learning   | Independent Learning            | Independent Learning   |
| <b>10.00- 10.50</b>  | Independent Learning  | <b>Lecture</b><br>Molecular Basis of Hemoglobinopathies<br><b>A.Özer</b>              | Independent Learning   | Independent Learning            | Independent Learning   |
| <b>11.00- 11.50</b>  | Independent Learning  | <b>Lecture</b><br>Introduction to Antimicrobial Chemotherapy<br><b>E. Genç</b>        | Independent Learning   | Independent Learning            | Independent Learning   |
| <b>12.00- 12.50</b>  | Introduction to Phase III   | <b>Lecture</b><br>Vancomycin & Other Cell Wall Synthesis Inhibitors<br><b>E. Genç</b> | Independent Learning   | Independent Learning            | Independent Learning   |
| <b>12.50 - 14.00</b> | <b>LUNCH BREAK</b>  |   |  |                                 |  |
| <b>14.00- 14.50</b>  | <b>Lecture</b><br>Pathophysiology of Infectious Diseases I<br><b>M. Kaçar</b>   | Independent Learning  | <b>Lecture</b><br>Introduction to Anemias in Childhood<br><b>S. Kemahlı</b>    | Independent Learning            | <b>Lecture</b><br>β Lactam Antibiotics I<br><b>E. Genç</b>   |
| <b>15.00- 15.50</b>  | <b>Lecture</b><br>Pathophysiology of Infectious Diseases II<br><b>M. Kaçar</b>  | Independent Learning  | <b>Lecture</b><br>Hospital Infection<br><b>M. Sönmezoğlu</b>                   | Independent Learning            | <b>Lecture</b><br>β Lactam Antibiotics I<br><b>E. Genç</b>   |
| <b>16.00- 16.50</b>  | <b>Lecture</b><br>Pathophysiology of Infectious Diseases III<br><b>M. Kaçar</b> | Independent Learning  | <b>Lecture</b><br>Febrile Neutropenia<br><b>M. Sönmezoğlu</b>                  | Independent Learning            | <b>Lecture</b><br>Introduction to Hemolytic Anemias Thalassemias and Hemoglobinopathies (Sickle Cell Anemia and Others)<br><b>S. Kemahlı</b> |
| <b>17.00-17.50</b>   | Independent Learning  | Independent Learning  | <b>Lecture</b><br>Infections in Immunocompromised Host<br><b>M. Sönmezoğlu</b> | Independent Learning            | <b>Lecture</b><br>Hemophilia and other Coagulopathies in Childhood<br><b>S. Kemahlı</b>  |

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 / 11 – 15 Sep 2023**

|                      | <b>Monday<br/>11-Sep-2023</b>   | <b>Tuesday<br/>12-Sep-2023</b>   | <b>Wednesday<br/>13-Sep-2023</b> | <b>Thursday<br/>14-Sep-2023</b>  | <b>Friday<br/>15-Sep-2023</b>   |
|----------------------|---|--|----------------------------------|--|---|
| <b>09.30- 09.50</b>  | <b>Independent Learning</b>   | <b>Independent Learning</b>  | <b>Independent Learning</b>      | <b>Independent Learning</b>  | <b>Microbiology Laboratory</b><br>(Antibacterial Susceptibility Testing-II)<br>G. Söyletir, P. Çiragil. A.E Topkaya<br>Z. Kipritçi, S.D Bakirezer<br><b>Group A</b> |
| <b>10.00- 10.50</b>  | <b>Lecture</b><br>Pathology of Mycobacterial Infections<br>A. Sav             | <b>Lecture</b><br>Bacterial and Viral Skin & Soft Tissue Infections<br>G. Söyletir | <b>Independent Learning</b>      | <b>Independent Learning</b>  | <b>Group B</b>  |
| <b>11.00- 11.50</b>  | <b>Lecture</b><br>Antimicrobial Agents: Mechanism of Action I<br>G. Söyletir  | <b>Lecture</b><br>Antimicrobial Agents: Mechanism of Resistance I<br>G. Söyletir   | <b>Independent Learning</b>      | <b>Independent Learning</b>  | <b>Group C</b>  |
| <b>12.00- 12.50</b>  | <b>Lecture</b><br>Antimicrobial Agents: Mechanism of Action II<br>G. Söyletir | <b>Lecture</b><br>Antimicrobial Agents: Mechanism of Resistance II<br>G. Söyletir  | <b>Independent Learning</b>      | <b>Microbiology Laboratory</b><br>(Antibacterial Susceptibility Testing-I)<br>G. Söyletir, P. Çiragil. A.E Topkaya<br>Z. Kipritçi, S.D Bakirezer | <b>Group D</b>  |
| <b>12.50 - 14.00</b> | <b>LUNCH BREAK</b>  |  |                                  |  |   |
| <b>14.00- 14.50</b>  | <b>Lecture</b><br>Hodgkin's Lymphoma<br>E. Hacıhasanoğlu                      | <b>Lecture</b><br>Pathology of Myeloproliferative Diseases I<br>E. Hacıhasanoğlu   | <b>Independent Learning</b>      | <b>Group A</b>   | <b>Independent Learning</b>   |
| <b>15.00- 15.50</b>  | <b>Lecture</b><br>Lymphoreactive Disease<br>E. Hacıhasanoğlu                  | <b>Lecture</b><br>Pathology of Myeloproliferative Diseases II<br>E. Hacıhasanoğlu  | <b>Independent Learning</b>      | <b>Group B</b>   | <b>Independent Learning</b>   |
| <b>16.00- 16.50</b>  | <b>Lecture</b><br>Pathology of Spleen<br>E. Hacıhasanoğlu                     | <b>Lecture</b><br>Pathology of Bone Marrow-1<br>E. Hacıhasanoğlu                   | <b>Independent Learning</b>      | <b>Group C</b>   | <b>Independent Learning</b>   |
| <b>17.00-17.50</b>   | <b>Independent Learning</b>   | <b>Lecture</b><br>Pathology of Bone Marrow-2<br>E. Hacıhasanoğlu                   | <b>Independent Learning</b>      | <b>Group D</b>   | <b>Independent Learning</b>   |

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 / 18-22 Sep 2023**

|               | Monday<br>18-Sep--2023  | Tuesday<br>19-Sep--2023   | Wednesday<br>20-Sep--2023  | Thursday<br>21-Sep--2023 | Friday<br>22-Sep--2023  |
|---------------|---|---|--|--------------------------|---|
| 09.00- 09.50  | Independent Learning  | <b>Lecture</b><br>Beneficence and Non-<br>Maleficence<br>A. Az            | Independent Learning   | Independent Learning     | <b>Lecture</b><br>Case Discussion on Immunity<br>to Infection<br>G. Yanikkaya Demirel |
| 10.00- 10.50  | Independent Learning  | <b>Lecture</b><br>Transplantation<br>A. Az                                | Independent Learning   | Independent Learning     | <b>Lecture</b><br>Case Discussion on Immunity<br>to Infection<br>G. Yanikkaya Demirel |
| 11.00- 11.50  | <b>Lecture</b><br>Transplantation Immunology<br>G. Yanikkaya Demirel                        | <b>Lecture</b><br>Principles of Autonomy and<br>Informed Consent<br>A. Az | Independent Learning   | Independent Learning     | <b>Lecture</b><br>Immunomodulators<br>A. C. Andaç                                     |
| 12.00- 12.50  | <b>Lecture</b><br>Transplantation Immunology<br>G. Yanikkaya Demirel                        | <b>Lecture</b><br>Justice in Medicine<br>A. Az                            | Independent Learning   | Independent Learning     | <b>Lecture</b><br>Antimycobacterial Drugs<br>A.C. Andaç                               |
| 12.50 – 14.00 | <b>LUNCH BREAK</b>  |   |  |                          |   |
| 14.00- 14.50  | <b>Lecture</b><br>Zoonotic Diseases I<br>G. Söyletir  | Independent Learning  | <b>Lecture</b><br>Tuberculosis & Other<br>Mycobacterial Infections I<br>G. Söyletir  | Independent Learning     | Independent Learning  |
| 15.00- 15.50  | <b>Lecture</b><br>Zoonotic Diseases II<br>G. Söyletir                                       | Independent Learning  | <b>Lecture</b><br>Tuberculosis & Other<br>Mycobacterial Infections II<br>G. Söyletir | Independent Learning     | Independent Learning  |
| 16.00- 16.50  | <b>Lecture</b><br>Fungal and Parasitic Skin and Soft<br>Tissue Infections<br>N. Çenikçioğlu | Independent Learning  | <b>Lecture</b><br>Molecular Basis of<br>Hemoglobinopathies<br>A. Ç. Kuşkuç           | Independent Learning     | Independent Learning  |
| 17.00-17.50   | Independent Learning  | Independent Learning  | <b>Lecture</b><br>Inherited Immune System<br>Disorders<br>A. Ç. Kuşkuç               | Independent Learning     | Independent Learning  |

**COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM**  
**WEEK IV / 25-29 Sep 2023**

|              | Monday<br>25-Sep--2023   | Tuesday<br>26-Sep--2023   |                |                                      |   | Wednesday<br>27-Sep--2023  | Thursday<br>28-Sep--2023                                     | Friday<br>29-Sep--2023   |
|--------------|--|---|----------------|--------------------------------------|---|--|--|--|
| 09.00- 09.50 | <b>Case Discussions</b><br>Pathology Tissue Response to Infections<br>A. Sav           | ICP<br>(Ear-Nose-Throat Examination)<br>Z. Alkan / M. Kiliçoğlu |                |                                      |   | <b>Lecture</b><br>Emergency Evaluation of Sepsis and Septic Shock<br>M. F. Çelikmen    | <b>Independent Learning</b>                                  | <b>Lecture</b><br>Non/Hodgkin's Lymphoma I<br>E. Hacıhasanoğlu |
| 10.00- 10.50 | <b>Case Discussions</b><br>General Rewiev of Pathology of Infections Disease<br>A. Sav | Group A<br>IL   | Group B<br>IL  | Group C<br>Small Group Study<br>SRPC | Group D<br>ICP  | <b>Lecture</b><br>Hematostatic Drugs and Hematostatic Blood Products I<br>A. C. Andaç  | <b>Independent Learning</b>                                  | <b>Lecture</b><br>Non/Hodgkin's Lymphoma I<br>E. Hacıhasanoğlu |
| 11.00- 11.50 | <b>Lecture</b><br>Macrolides<br>E. N. Özdamar  |   |                |                                      |   | <b>Lecture</b><br>Hematostatic Drugs and Hematostatic Blood Products II<br>A. C. Andaç | <b>Independent Learning</b>                                  | <b>Independent Learning</b>                                    |
| 12.00- 12.50 | <b>Lecture</b><br>Antiviral Drugs<br>E. N. Özdamar                                     | <b>Independent Learning</b>                                     |                |                                      |   | <b>Independent Learning</b>  | <b>Independent Learning</b>                                  | <b>Independent Learning</b>                                    |
| 12.50- 14.00 | <b>LUNCH BREAK</b>   |   |                |                                      |   |  |  |  |
| 14.00- 14.50 | ICP<br>(Ear-Nose-Throat Examination)<br>Z. Alkan / M. Kiliçoğlu                        |   |                |                                      | <b>Lecture</b><br>Blood Components and Transfusion Indications<br>M. Sönmezoğlu | <b>Lecture</b><br>Occupational Health Hazards I<br>M. Sönmezoğlu                       | <b>Lecture</b><br>Antianemic Drugs<br>A. C. Andaç            | <b>Independent Learning</b>                                    |
| 15.00- 15.50 | Group A<br>IL  | Group B<br>IL   | Group C<br>ICP | Group D<br>Small Group Study<br>SRPC | <b>Lecture</b><br>Blood Groups<br>M. Sönmezoğlu                                 | <b>Lecture</b><br>Occupational Health Hazards II<br>M. Sönmezoğlu                      | <b>Lecture</b><br>Anthelmintic Drugs<br>E. Genç              | <b>Independent Learning</b>                                    |
| 16.00- 16.50 |  |   |                |                                      | <b>Lecture</b><br>Approach to the Pediatric Patient with Fever<br>F. Coşkunol   | <b>Lecture</b><br>Vaccines<br>M. Sönmezoğlu  | <b>Lecture</b><br>Pathology of Viral Infections I<br>A. Sav  | <b>Independent Learning</b>                                    |
| 17.00-17.50  | <b>Independent Learning</b>  |   |                |                                      | <b>Independent Learning</b>   | <b>Independent Learning</b>  | <b>Lecture</b><br>Pathology of Viral Infections II<br>A. Sav | <b>Independent Learning</b>                                    |



**COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM**  
**WEEK V / 2-6 Oct 2023**

|               | Monday<br>2-Oct-2023   | Tuesday<br>3-Oct-2023  | Wednesday<br>4-Oct-2023   |                                      |            |            | Thursday<br>5-Oct-2023  | Friday<br>6-Oct-2023   |
|---------------|--|--|---|--------------------------------------|------------|------------|---|--|
| 09.00- 09.50  | Independent Learning   | Lecture<br>Lenforeticular Infections I<br>M. Sönmezoğlu      | Independent Learning  |                                      |            |            | Independent Learning  | Lecture<br>Transhumanisms and Ethics<br>A. Az                |
| 10.00- 10.50  | Lecture<br>Antiprotozoal Drugs<br>E. N. Özdamar  | Lecture<br>Lenforeticular Infections II<br>M. Sönmezoğlu     | ICP<br>(Ear-Nose-Throat Examination)<br>Z. Alkan / M. Kılıçoğlu                 |                                      |            |            | Independent Learning  | Lecture<br>Ethics of the Future/Future of<br>Ethics<br>A. Az |
| 11.00- 11.50  | Lecture<br>Antifungal Drugs<br>E. N. Özdamar   | Lecture<br>Parasitic Infections I<br>S. Ergüven              | Group A<br>ICP  | Group B<br>Small Group Study<br>SRPC | Group C IL | Group D IL | Lecture<br>Aminoglycosides<br>E. Genç                                     | Lecture<br>Bioethics<br>A. Az                                |
| 12.00- 12.50  | Lecture<br>Antiseptics and Disinfectants<br>E. N. Özdamar  | Lecture<br>Parasitic Infections II<br>S. Ergüven             |   |                                      |            |            | Lecture<br>Sulfonamides,<br>Chloramphenicol &<br>Tetracyclines<br>E. Genç | Lecture<br>Responsible Biomedical<br>Research<br>A. Az       |
| 12.50 – 14.00 | LUNCH BREAK  |  |   |                                      |            |            |   |  |
| 14.00- 14.50  | Lecture<br>Approach to the Patients with<br>platelet disorders<br>F. Atalay  | Lecture<br>Myeloproliferative Diseases<br>E. Birtaş Ateşoğlu | Lecture<br>Microbiological approach to<br>respiratory infections<br>G. Söyletir |                                      |            |            | Lecture<br>Introduction to the Course<br>A. Az                            | Lecture<br>Genetics of Oncology I<br>A.Ç. Kuşkucu            |
| 15.00- 15.50  | Lecture<br>Approach to the Patient with<br>Anemia and Laboratory Tests in<br>Diagnosis with Anemia<br>E. Birtaş Ateşoğlu | Lecture<br>Acute Leukemias<br>E. Birtaş Ateşoğlu             | Lecture<br>Microbiological approach to<br>respiratory infections<br>G. Söyletir |                                      |            |            | Lecture<br>Ethics of Publication<br>A. Az                                 | Lecture<br>Genetics of Oncology II<br>A.Ç. Kuşkucu           |
| 16.00- 16.50  | Lecture<br>Lymphoma<br>E. Birtaş Ateşoğlu  | Lecture<br>Nutritional Anemias<br>E. Birtaş Ateşoğlu         | Lecture<br>Phytotherapy I<br>E. Güzelmeriç                                      |                                      |            |            | Lecture<br>Physician-Patient<br>Relationship<br>A. Az                     | Independent Learning   |
| 17.00-17.50   | Lecture<br>Lymphoma<br>E. Birtaş Ateşoğlu  | Lecture<br>Phytotherapy I<br>E. Güzelmeriç                   | Lecture<br>Phytotherapy II<br>E. Güzelmeriç                                     |                                      |            |            | Lecture<br>Confidentiality and<br>Truthfulness<br>A. Az                   | Independent Learning   |

**COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM**  
**WEEK VI / 9-13 Oct 2023**

|                      | <b>Monday<br/>9-Oct--2023</b>   | <b>Tuesday<br/>10-Oct--2023</b>   | <b>Wednesday<br/>11-Oct--2023</b>   | <b>Thursday<br/>12-Oct--2023</b>  | <b>Friday<br/>13-Oct--2023</b>  |
|----------------------|---|---|---|---|---|
| <b>09.00- 09.50</b>  | <b>Independent Learning</b>   | <b>Independent Learning</b>   | <b>Lecture</b><br>Plasma Cell Dyscrasias<br>F. Atalay   | <b>Lecture</b><br>Introduction to Clinical<br>Oncology I<br>B. B. Öven              | <b>Lecture</b><br>Semiology-I<br>M. Sönmezoğlu  |
| <b>10.00- 10.50</b>  | <b>Lecture</b><br>Pharmacological Basis of<br>Cancer Therapy I<br>A. C. Andaç           | <b>Lecture</b><br>Pathophysiology of<br>Hematopoietic System<br>Disorders I<br>M. Kaçar   | <b>Lecture</b><br>Hypercoagulability<br>F. Atalay   | <b>Lecture</b><br>Introduction to Clinical<br>Oncology II<br>B. B. Öven             | <b>Lecture</b><br>Semiology-II<br>M. Sönmezoğlu   |
| <b>11.00- 11.50</b>  | <b>Lecture</b><br>How to Write a Project<br>Report?<br>B. Yılmaz / H. Taşyikan          | <b>Lecture</b><br>Pathophysiology of<br>Hematopoietic System<br>Disorders II<br>M. Kaçar  | <b>Lecture</b><br>Approach to the Patient with<br>Hemolytic anemia<br>F. Atalay   | <b>Lecture</b><br>Treatment Approaches of<br>Cancer<br>S. Çelik                     | <b>Lecture</b><br>Microbiological approach to<br>blood stream infections<br>G. Söyletir |
| <b>12.00- 12.50</b>  | <b>Lecture</b><br>Scientific Career and<br>Preparation of CV<br>B. Yılmaz / H. Taşyikan | <b>Lecture</b><br>Pathophysiology of<br>Hematopoietic System<br>Disorders III<br>M. Kaçar | <b>Lecture</b><br>Aplastic and Hypoplastic Anemias<br>F. Atalay   | <b>Lecture</b><br>Introduction to the Program of<br>Family Medicine<br>T. Sadıkoğlu | <b>Lecture</b><br>Microbiological approach to<br>blood stream infections<br>G. Söyletir |
| <b>12.50 – 14.00</b> | <b>LUNCH BREAK</b>  |   |   |   |   |
| <b>14.00- 14.50</b>  | <b>Lecture</b><br>Public Health and<br>Communicable Diseases-I<br>H. Taşyikan           | <b>Independent Learning</b>   | <b>ICP</b><br>(Ear-Nose-Throat Examination)<br>Z. Alkan / M. Kılıçoğlu  | <b>Lecture</b><br>Antimalarial Drugs<br>E. N. Özdamar                               | <b>Lecture</b><br>Laboratory Diagnosis of<br>Infectious Diseases<br>G. Söyletir         |
| <b>15.00- 15.50</b>  | <b>Lecture</b><br>Public Health and<br>Communicable Diseases-II<br>H. Taşyikan          | <b>Independent Learning</b>   | <div>Group A</div> <div>Small Group Study</div> <div>SRPC</div> <div>Group B</div> <div>ICP</div> <div>Group C</div> <div>IL</div> <div>Group D</div> <div>IL</div> | <b>Lecture</b><br>Quinolones<br>E. N. Özdamar                                       | <b>Lecture</b><br>Laboratory Diagnosis of<br>Infectious Diseases<br>G. Söyletir         |
| <b>16.00- 16.50</b>  | <b>Lecture</b><br>Prevention and Control of<br>Communicable Diseases I<br>H. Taşyikan   | <b>Independent Learning</b>   |   | <b>Independent Learning</b>   | <b>Independent Learning</b>   |
| <b>17.00-17.50</b>   | <b>Lecture</b><br>Prevention and Control of<br>Communicable Diseases II<br>H. Taşyikan  | <b>Independent Learning</b>   | <b>Independent Learning</b>   | <b>Lecture</b><br>Introduction to Clinical<br>Genetics<br>A. Ç. Kuşku               | <b>Independent Learning</b>   |

**COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM**  
**WEEK VII / 16-20 Oct 2023**

|                      | <b>Monday<br/>16-Oct-2023</b>   | <b>Tuesday<br/>17-Oct-2023</b>                            | <b>Wednesday<br/>18-Oct-2023</b>               | <b>Thursday<br/>19-Oct-2023</b>   | <b>Friday<br/>20-Oct-2023</b>   |
|----------------------|---|---|--|---|---|
| <b>09.00- 09.50</b>  | <b>Lecture</b><br>Epidemiology of Communicable Diseases I<br>H.A.Taşıyan    | Independent learning                                      | Independent Learning                           | Independent Learning  | <b>Microbiology Laboratory</b><br>(Diagnostic Tests for respiratory specimens-II)<br>G. Söyletir, P. Çiragil. A.E<br>Topkaya<br>Z. Kipritçi, S.D Bakirezer<br>Group A |
| <b>10.00- 10.50</b>  | <b>Lecture</b><br>Epidemiology of Communicable Diseases II<br>H.A.Taşıyan   | <b>Lecture</b><br>Planning Medical Studies I<br>Ç. Keleş  | Independent Learning                           | <b>Lecture</b><br>Immunodeficiencies<br>G. Yanıkkaya Demirel  | Group B   |
| <b>11.00- 11.50</b>  | <b>Lecture</b><br>Investigation of a Disease Epidemic I<br>H.A.Taşıyan      | <b>Lecture</b><br>Planning Medical Studies II<br>Ç. Keleş | <b>Multidisciplinary Case Discussion Panel</b> | <b>Lecture</b><br>Immunodeficiencies<br>G. Yanıkkaya Demirel  | Group C   |
| <b>12.00- 12.50</b>  | <b>Lecture</b><br>Investigation of a Disease Epidemic II<br>H.A.Taşıyan     | <b>Lecture</b><br>Research Design<br>Ç. Keleş             | <b>Multidisciplinary Case Discussion Panel</b> | <b>Microbiology Laboratory</b><br>(Diagnostic Tests for respiratory specimens-I)<br>G. Söyletir, P. Çiragil. A.E<br>Topkaya<br>Z. Kipritçi, S.D Bakirezer | Group D   |
| <b>12.50 – 14.00</b> | <b>LUNCH BREAK</b>  |   |  |   |   |
| <b>14.00- 14.50</b>  | <b>Lecture</b><br>Pharmacological Basis of Cancer Therapy II<br>A. C. Andaç | Independent Learning                                      | Independent Learning                           | Group A   | Independent Learning  |
| <b>15.00- 15.50</b>  | Independent Learning  | Independent Learning                                      | Independent Learning                           | Group B   | Independent Learning  |
| <b>16.00- 16.50</b>  | Independent Learning  | Independent Learning                                      | Independent Learning                           | Group C   | Independent Learning  |
| <b>17.00-17.50</b>   | Independent Learning  | Independent Learning                                      | Independent Learning                           | Group D   | Independent Learning  |

**COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM**  
**WEEK VIII / 23-27 Oct 2023**

|               | Monday<br>23-Oct-2023 | Tuesday<br>24-Oct-2023 | Wednesday<br>25-Oct-2023 | Thursday<br>26-Oct-2023 | Friday<br>27-Oct-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  |                       |                        |                          |                         |                       |
| 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 II - CARDIOVASCULAR & RESPIRATORY SYSTEMS

**DISTRIBUTION of LECTURE HOURS**  
**October 30, 2023 – December 15, 2023**  
**COMMITTEE DURATION: 7 WEEKS**

| COURSES                           |   |             |              |                   |                               |                   |              |
|-----------------------------------|---|-------------|--------------|-------------------|-------------------------------|-------------------|--------------|
| <b>MED 302</b>                    | <b>INTRODUCTION to CLINICAL SCIENCES</b>    | <b>ABB.</b> | <b>THEO.</b> | <b>PRAC./LAB.</b> | <b>SMALL GROUP DISCUSSION</b> | <b>DISCUSSION</b> | <b>TOTAL</b> |
|                                   | <b>DISCIPLINE/COMPONENTS</b>                |             |              |                   |                               |                   |              |
|                                   | PHARMACOLOGY                                | PC          | 25           | 0                 | 0                             | 0                 | 25           |
|                                   | PATHOLOGY                                   | PT          | 24           | 2Grx1H            | 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            |
|                                   | EAR- NOSE -THROAT                           | 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 (CHM, CRD)                | MCDP        | 0            | 0                 | 0                             | 2                 | 2            |
|                                   | SCIENTIFIC RESEARCH and PROJECT COURSE- III | SRPC        | 0            | 0                 | 4Grx6H                        | 0                 | 6            |
|                                   | <b>TOTAL</b>                                |             | <b>128</b>   | <b>1</b>          | <b>6</b>                      | <b>2</b>          | <b>137</b>   |
| <b>MED 303</b>                    | INTRODUCTION to CLINICAL PRACTICE III       | ICP III     |              | 4Grx9H            |                               |                   | 9            |
| <b>INDEPENDENT LEARNING HOURS</b> |   |             | <b>113</b>   |                   |                               |                   |              |

### Coordination Committee

|                  |  |
|------------------|--|
| <b>HEAD</b>      | Ferda Özkan, MD, Prof.                 |
| <b>SECRETARY</b> | Emine Nur Özdamar, MD, Assist. Prof.   |
| <b>MEMBER</b>    | Banu Musaffa Salepçi, MD, Prof.        |
| <b>MEMBER</b>    | Mustafa Aytek Şimşek, MD, Assoc. Prof. |
| <b>MEMBER</b>    | Mehmet İlhan Şahin, MD, Assoc. Prof.   |

## COMMITTEE II - CARDIOVASCULAR & RESPIRATORY SYSTEMS

### LECTURERS

| MED 302 INTRODUCTION to CLINICAL SCIENCES     |   |
|---|---|
| DISCIPLINE                                    | LECTURERS   |
| PHARMACOLOGY                                  | Ece Genç, PhD, Prof.<br>Emine Nur Özdamar, MD, Assist. Prof.<br>Ahmet Cenk Andaç, PhD, Assist. Prof.  |
| PATHOLOGY                                     | Aydın Sav, MD, Prof.<br>Ferda Özkan, MD, Prof.<br>Ezgi Hacıhasanoğlu, MD, Assist. Prof.   |
| CHEST MEDICINE                                | Banu Musaffa Salepçi, MD, Prof.<br>Seha Akduman, MD, Assist. Prof.  |
| CARDIOLOGY                                    | Muzaffer Değertekin, MD, Prof.<br>Olca Özveren, MD, Prof.<br>Mustafa Aytekin Şimşek, MD, Assoc. Prof.<br>Ayça Türer, MD, Assoc. Prof.<br>Cansu Ebren, MD<br>Çiğdem Koca, MD<br>Ferit Onur Mutluer, MD   |
| PUBLIC HEALTH                                 | Hale Arık Taşyikan, MD, Assist. Prof.   |
| BIOMEDICAL ETHICS & DEONTOLOGY                | Adem Az, MD   |
| PATHOPHYSIOLOGY                               | Mehtap Kaçar, MD, PhD, Prof.  |
| INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY    | Meral Sönmezoğlu, MD, Prof.   |
| EAR- NOSE -THROAT (ENT)                       | Zeynep Alkan, MD, Prof.   |
| THORACIC SURGERY                              | Sina Ercan, MD, Prof.   |
| FAMILY MEDICINE                               | Güldal İzbirak, MD, Prof.<br>Duygu Altıparmak, MD, Specialist, Instructor<br>Tumay Sadıkoğlu, MD, Specialist, Instructor  |
| PEDIATRICS                                    | Özge Pamukçu Akay, MD, Assoc.Prof.<br>Fulya Coşkunol, MD  |
| MEDICAL GENETICS                              | Ayşegül Çınar Kuşkucu, MD, Assoc.Prof.  |
| RADIOLOGY                                     | Filiz Çelebi, MD, Assoc.Prof.   |
| EMERGENCY MEDICINE                            | Mustafa Yazıcıoğlu, MD, Assist. Prof.<br>Hande Candemir, MD, Assist. Prof.  |
| BIOSTATISTICS                                 | Çiğdem Keleş, PhD, Assist. Prof   |
| IMMUNOLOGY                                    | Gülerden Yanıkkaya Demirel, MD, PhD, Prof.  |
| OTHER COURSES                                 |   |
| DISCIPLINE                                    | LECTURERS   |
| SCIENTIFIC RESEARCH and PROJECT COURSE-III    | Aylin Yaba Uçar, PhD, Prof.(Responsible Faculty Member)<br>Hale Arık Taşyikan, MD, Assist Prof.   |
| MED 303 INTRODUCTION to CLINICAL PRACTICE III |   |
| DISCIPLINE                                    | LECTURERS   |
| CLINICAL SKILLS LAB                           | Güldal İzbirak, MD, Prof.<br>Tumay Sadıkoğlu, MD, Assist. Prof.<br>Tuğhan Utku, MD, Prof.<br>Özge Koner, MD, Prof.<br>Banu Musaffa Salepçi, MD, Prof.<br>Olca Özveren, MD, Prof.<br>Mustafa Aytekin Şimşek, MD, Assoc. Prof.<br>Serdar Özdemir, MD, Assist. Prof.<br>Seha Akduman, MD, Assist. Prof.<br>Duygu Altıparmak, MD, Specialist, Instructor<br>Çiğdem Koca, 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              | 18                        | 8  | 8  | 34    |
|   |            | E. N. Özdamar        |                           |    |    |       |
|   |            | A. C. Andaç          |                           |    |    |       |
| C2,R2   | PT         | F. Özkan             | 17                        | 7  | 7  | 31    |
|   |            | A. Sav               |                           |    |    |       |
| R1-R6   | CHM        | B. Salepçi           | 13                        | 5  | 5  | 23    |
|   |            | S. Akduman           |                           |    |    |       |
| C1-C6   | CRD        | M. Degertekin        | 10                        | 4  | 4  | 18    |
|   |            | O. Özveren           |                           |    |    |       |
|   |            | F.O. Mutluer         |                           |    |    |       |
|   |            | A. Türer             |                           |    |    |       |
|   |            | Ç. Koca              |                           |    |    |       |
|   |            | M.A. Şimşek          |                           |    |    |       |
| C3,C4, R3   | PH         | C. Ebren             | 5                         | 2  | 2  | 9     |
|   |            | H.A. Taşyikan        |                           |    |    |       |
| C2, R2  | PP         | M. Kaçar             | 5                         | 2  | 2  | 9     |
| C1-C6, R1-R6  | IDCM       | M. Sönmezoğlu        | 4                         | 2  | 2  | 8     |
| C8  | BED        | A. Az                | 3                         | 1  | 1  | 5     |
| R5  | ENT        | Z. Alkan             | 3                         | 1  | 1  | 5     |
| C10   | BS         | Ç. Keleş             | 2                         | 1  | 1  | 4     |
| R2, R5  | TS         | S. Ercan             | 2                         | 1  | 1  | 4     |
| C6, R6  | FM         | D. Altıparmak        | 3                         | 1  | 1  | 5     |
|   |            | T. Sadıkoğlu         |                           |    |    |       |
| C5, R5  | PED        | Ö. Pamukçu Akay      | 1                         | 1  | 1  | 3     |
|   |            | F. Coşkunol          |                           |    |    |       |
| C9  | MG         | A.Ç. Kuşkucu         | 1                         | 1  | 1  | 3     |
|   |            | H. Candemir          |                           |    |    |       |
| C5  | EM         | M. Yazıcıoğlu        | 1                         | 1  | 1  | 3     |
|   |            | G.Y. Demirel         |                           |    |    |       |
| C5, R5  | IMM        | G.Y. Demirel         | 1                         | 1  | 1  | 3     |
| R5  | RAD        | F. Çelebi            | 1                         | 0  | 0  | 1     |
| TOTAL   |            |                      | 90                        | 39 | 39 | 168   |
| LEARNING OBJECTIVE  | DISCIPLINE | LECTURER/INSTRUCTOR  | NUMBER of QUESTIONS (EMQ) |    |    |       |
|   |            |                      | CE                        | FE | IE | Total |
| R1-6  | CHM        | B. Salepçi           | 1                         | -  | -  | 1     |
| C2, R2  | PT         | A.Sav/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

**\*\*39** 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 / 30 Oct - 3 Nov 2023**

|               | Monday<br>30-Oct-2023   | Tuesday<br>31-Oct-2023   | Wednesday<br>1-Nov-2023   | Thursday<br>2-Nov-2023  | Friday<br>3-Nov-2023  |
|---------------|---|--|---|---|---|
| 09.00- 09.50  | Independent Learning  | Independent Learning   | Coronary Artery Disease I<br>C. Ebṙṅ -M. Deęertekin                             | ICP-CSL<br>(Advanced Cardiac Life Support)<br>T. Uṫku / ̇. Koner               | Independent Learning  |
| 10.00- 10.50  | Lecture<br>Hypertension Treatment Guidelines<br>E. N. ̇zdamar       | Independent Learning   | Lecture<br>Coronary Artery Disease II<br>C. Ebṙṅ -M. Deęertekin                 | Group A<br>Small Group Study<br>SRPC  | Lecture<br>Principals of Statistical Analysis I<br>Ç. Keleş       |
| 11.00- 11.50  | Lecture<br>Anti-hypertensive Drugs I<br>E. N. ̇zdamar               | Lecture<br>General Signs and Principal Symptoms in Cardiovascular System Diseases<br>C. Ebṙṅ -O. ̇zveren | Lecture<br>Acetylcholinesterase Inhibitors<br>E. Genç                             |   | Lecture<br>Principals of Statistical Analysis II<br>Ç. Keleş      |
| 12.00- 12.50  | Lecture<br>Anti-hypertensive Drugs II<br>E. N. ̇zdamar              | Lecture<br>Examination of the Heart<br>C. Ebṙṅ -O. ̇zveren   | Lecture<br>Acetylcholine and Directly Acting Parasympathomimetic Drugs<br>E. Genç | Independent Learning  | In Lecture<br>Preparing to Analyse Data<br>Ç. Keleş               |
| 12.50 - 14.00 | LUNCH BREAK   |  |   |   |   |
| 14.00- 14.50  | Lecture<br>Pharmacology of ReninAngiotensin System<br>E. N. ̇zdamar | Lecture<br>Pathophysiology of Cardiovascular System Disorders I<br>M. Kaçar                                | Independent Learning  | Lecture<br>Parasympatholitic Drugs<br>E. Genç                                   | ICP-CSL<br>(Advanced Cardiac Life Support)<br>T. Uṫku / ̇. Koner |
| 15.00- 15.50  | Lecture<br>Pharmacology Case Studies<br>E. N. ̇zdamar               | Lecture<br>Pathophysiology of Cardiovascular System Disorders II<br>M. Kaçar                               | Independent Learning  | Lecture<br>Sympathomimetic Drugs: Catecholamines & Noncatecholamines<br>E. Genç | Group A<br>ICP  |
| 16.00- 16.50  | Lecture<br>Hypertension<br>M. A. ŖimŖek                             | Lecture<br>Pathophysiology of Cardiovascular System Disorders III<br>M. Kaçar                              | Independent Learning  | Independent Learning  |   |
| 17.00-17.50   | Lecture<br>Pericardial Diseases<br>M. A. ŖimŖek                     | Lecture<br>Introduction to Autonomic System Pharmacology<br>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 / 6-10 Nov 2023**

|               | Monday<br>6-Nov-2023   | Tuesday<br>7-Nov-2023  | Wednesday<br>8-Nov-2022  | Thursday<br>9-Nov-2022                            | Friday<br>10-Nov-2023       |
|---------------|--|--|--|---|-----------------------------|
| 09.00- 09.50  | Lecture<br>Myocardium<br>E. Hacıhasanoğlu  | Lecture<br>Congestive Heart Failure I<br>Ç. Koca-M.A.Şimşek                      | Lecture<br>Pathophysiology of Respiratory<br>System Disorders I<br>M. Kaçar  | Independent Learning                              | Commemoration of<br>Atatürk |
| 10.00- 10.50  | Lecture<br>Ischemic Heart Disease I<br>E. Hacıhasanoğlu                              | Lecture<br>Congestive Heart Failure II<br>Ç. Koca-M.A.Şimşek                     | Lecture<br>Pathophysiology of Respiratory<br>System Disorders II<br>M. Kaçar | Independent Learning                              |                             |
| 11.00- 11.50  | Lecture<br>Ischemic Heart Disease II<br>E. Hacıhasanoğlu                             | Lecture<br>Grown-up Congenital Heart<br>Disease<br>Ç. Koca-M.A.Şimşek            | Lecture<br>Hypersensitivity reactions<br>G. Yanıkkaya Demirel                | Independent Learning                              |                             |
| 12.00- 12.50  | Lecture<br>Congenital Heart Disease in<br>Pediatrics<br>Ö.Pamukçu Akay               | Lecture<br>Adrenergic Receptor Blockers<br>E. Genç                               | Lecture<br>Hypersensitivity reactions<br>G. Yanıkkaya Demirel                | Independent Learning                              |                             |
| 12.50 - 14.00 | LUNCH BREAK  |  |  |   |                             |
| 14.00- 14.50  | Lecture<br>Approach to Patient with Chest<br>Pain in Primary Care I<br>T. Sadıkoğlu  | Lecture<br>History and Symptoms in<br>Pulmonary Diseases<br>S. Akduman           | Lecture<br>Diagnostic Methods in<br>Pulmonary Medicine<br>S. Akduman         | Lecture<br>Electrocardiography I<br>F. O. Mutluer | Commemoration of<br>Atatürk |
| 15.00- 15.50  | Lecture<br>Approach to Patient with Chest<br>Pain in Primary Care II<br>T. Sadıkoğlu | Lecture<br>Physical Examination and Signs<br>in Pulmonary Diseases<br>S. Akduman | Lecture<br>Clinical Application of Pulmonary<br>Function Tests<br>S. Akduman | Lecture<br>Electrocardiography II<br>F.O. Mutluer |                             |
| 16.00- 16.50  | Lecture<br>Valvular Heart Diseases<br>A.T. Cabbar                                    | Lecture<br>Chronic Obstructive Pulmonary<br>Disease<br>S. Akduman                | Lecture<br>Bronchial Hyperreactivity and<br>Asthma<br>S. Akduman             | Lecture<br>Cardiac Arrhythmias<br>F.O. Mutluer    |                             |
| 17.00-17.50   | Lecture<br>Infective Endocarditis and Acute<br>Rheumatic Fever<br>A.T. Cabbar        | Independent Learning   | Lecture<br>Adrenergic Neuron Blockers<br>E. Genç                             | Independent Learning                              |                             |

**COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS**  
**WEEK III / 13-17 Nov 2023**

|               | Monday<br>13-Nov-2023  | Tuesday<br>14-Nov-2023   | Wednesday<br>15-Nov-2023  | Thursday<br>16-Nov-2023   | Friday<br>17-Nov-2023  |            |   |                                      |            |            |                                      |                |
|---------------|--|--|---|---|--|------------|---|--------------------------------------|------------|------------|--------------------------------------|----------------|
| 09.00- 09.50  | <b>Lecture</b><br>Tracheobronchitis<br>B. Salepçi                          | <b>Lecture</b><br>Pulmonary Tuberculosis<br>B. Salepçi                   | <b>Lecture</b><br>Pathophysiology of<br>Respiratory System Disorders<br>III<br>M. Kaçar                                 | <b>Lecture</b><br>Rheumatic Heart Disease<br>A. Sav                     | <b>ICP-CSL</b><br>(Advanced Cardiac Life Support)<br>T. Utku / Ö.Koner |            |   |                                      |            |            |                                      |                |
| 10.00- 10.50  | <b>Lecture</b><br>Pneumoniae<br>B. Salepçi                                 | <b>Lecture</b><br>Pulmonary Embolism<br>B. Salepçi                       | <b>Lecture</b><br>Pathophysiology of<br>Respiratory System Disorders<br>IV<br>M. Kaçar                                  | <b>Lecture</b><br>CVS Tumors<br>A. Sav                                  | Group A IL   | Group B IL | Group C<br>ICP  | Group D<br>Small Group Study<br>SRPC |            |            |                                      |                |
| 11.00- 11.50  | <b>Lecture</b><br>Atherosclerosis &<br>Hypertension I<br>A. Sav            | <b>Lecture</b><br>Special Pulmonary Problems<br>B. Salepçi               | <b>Lecture</b><br>Diseases of the Nose and<br>Paranasal Sinuses<br>Z. Alkan   | <b>Lecture</b><br>Drugs Used in Cardiac<br>Arrythmias I<br>A. C. Andaç  |  |            |   |                                      |            |            |                                      |                |
| 12.00- 12.50  | <b>Lecture</b><br>Atherosclerosis &<br>Hypertension II<br>A. Sav           | <b>Lecture</b><br>Emergency Evaluation of Dyspnea<br>H. Candemir         | <b>Lecture</b><br>Nasopharyngeal and<br>Oropharyngeal Diseases<br>Z. Alkan  | <b>Lecture</b><br>Drugs Used in Cardiac<br>Arrythmias II<br>A. C. Andaç | Independent Learning   |            |   |                                      |            |            |                                      |                |
| 12.50 – 14.00 | LUNCH BREAK  |  |   |   |  |            |   |                                      |            |            |                                      |                |
| 14.00- 14.50  | <b>Lecture</b><br>Congestive Heart Failure<br>F. Özkan                     | <b>Lecture</b><br>Pulmonary Hypertension<br>B. Salepçi                   | <b>ICP-CSL</b><br>(Approach to a Patient With<br>Chest Pain)<br>G. İzbirak/ T. Sadıkoğlu /<br>S. Özdemir/ D. Altıparmak |   | <b>Lecture</b><br>Laryngeal and Voice Diseases<br>Z. Alkan             |            | <b>ICP-CSL</b><br>(Advanced Cardiac Life Support)<br>T. Utku / Ö.Koner          |                                      |            |            |                                      |                |
| 15.00- 15.50  | <b>Lecture</b><br>Congestive Heart Failure &<br>Pericardium<br>F. Özkan    | <b>Lecture</b><br>Respiratory Failure<br>B. Salepçi                      | Group A<br>ICP  | Group C<br>Small Group Study<br>SRPC                                    | Group C IL   | Group D IL | <b>Lecture</b><br>Diseases of the Middle Ear and<br>Eustachian Tube<br>Z. Alkan |                                      | Group A IL | Group B IL | Group C<br>Small Group Study<br>SRPC | Group D<br>ICP |
| 16.00- 16.50  | <b>Lecture</b><br>Chronic Obstructive<br>Pulmonary<br>Diseases<br>F. Özkan | <b>Lecture</b><br>Congenital Lung Anomalies &<br>Atelectasis<br>F. Özkan |   |   |  |            | <b>Lecture</b><br>Pulmonary Infections I<br>E. Hacıhasanoğlu                    |                                      |            |            |                                      |                |
| 17.00-17.50   | <b>Lecture</b><br>Asthma Bronchiale<br>F. Özkan                            | <b>Lecture</b><br>Pathology of Upper Respiratory<br>Tract<br>F. Özkan    | Independent Learning  |   | <b>Lecture</b><br>Pulmonary Infections II<br>E. Hacıhasanoğlu          |            | Independent Learning  |                                      |            |            |                                      |                |

**COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS**  
**WEEK IV / 20-24 Nov 2023**

|               | Monday<br>20-Nov-2023  |                                      |            |            | Tuesday<br>21-Nov-2023   |                |            |            | Wednesday<br>22-Nov-2023  |  | Thursday<br>23-Nov-2023   |  | Friday<br>24-Nov-2023 |  |
|---------------|--|--------------------------------------|------------|------------|--|----------------|------------|------------|---|--|---|--|-----------------------|--|
| 09.00- 09.50  | ICP-CSL<br>(Approach to a Patient With Chest Pain)<br>G. İzbırak/ T. Sadıkoğlu /<br>S. Özdemir/ D. Altıparmak                            |                                      |            |            | Lecture<br>Pathology of Endocardium & Heart Valves I<br>A. Sav   |                |            |            | Independent Learning  |  | Independent Learning  |  | Independent Learning  |  |
| 10.00- 10.50  | Group A<br>Small Group Study<br>SRPC   | Group B<br>ICP                       | Group C IL | Group D IL | Lecture<br>Pathology of Endocardium & Heart Valves II<br>A. Sav  |                |            |            | Independent Learning  |  | Lecture<br>Diuretic Agents I<br>A.C. Andaç  |  | Independent Learning  |  |
| 11.00- 11.50  |  |                                      |            |            | Lecture<br>Tumors of the Respiratory System I<br>A. Sav  |                |            |            | Lecture<br>Drugs Used in the Treatment of Dyslipidemias I<br>E. N. Özdamar                                  |  | Lecture<br>Diuretic Agents II<br>A.C. Andaç   |  | Independent Learning  |  |
| 12.00- 12.50  | Independent Learning   |                                      |            |            | Lecture<br>Tumors of the Respiratory System II<br>A. Sav   |                |            |            | Lecture<br>Drugs Used in the Treatment of Dyslipidemias II<br>E. N. Özdamar                                 |  | Lecture<br>Pathology of Pleural and Mediastinal Diseases<br>A. Sav                  |  | Independent Learning  |  |
| 12.50 – 14.00 | LUNCH BREAK  |                                      |            |            |  |                |            |            |   |  |   |  |                       |  |
| 14.00- 14.50  | ICP-CSL<br>(Examination of Cardiovascular and Respiratory System)<br>O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş |                                      |            |            | ICP-CSL<br>(Examination of Cardiovascular and Respiratory System)<br>O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş |                |            |            | Lecture<br>Approach to the Patient with Cough and Heameoptysis in Primary Care<br>G. İzbırak/ D. Altıparmak |  | Lecture<br>Tobacco Control and Chronic Non-Communicable Diseases I<br>H. Taşyikan   |  | Independent Learning  |  |
| 15.00- 15.50  | Group C<br>ICP   | Group D<br>Small Group Study<br>SRPC | Group A IL | Group B IL | Group B<br>Small Group Study<br>SRPC   | Group D<br>ICP | Group A IL | Group B IL | Lecture<br>Approach to the Patient with Dyspnea in Primary Care<br>G. İzbırak/ D. Altıparmak                |  | Lecture<br>Tobacco Control and Chronic Non-Communicable Diseases II<br>H. Taşyikan  |  | Independent Learning  |  |
| 16.00- 16.50  |  |                                      |            |            |  |                |            |            | Lecture<br>Pediatric Advanced Life Support<br>M. Yazıcıoğlu   |  | Lecture<br>Tobacco Control and Chronic Non-Communicable Diseases III<br>H. Taşyikan |  | Independent Learning  |  |
| 17.00-17.50   | Independent Learning   |                                      |            |            | Independent Learning   |                |            |            | Independent Learning  |  | Independent Learning  |  | Independent Learning  |  |

**COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS**  
**WEEK V / 27 Nov-1 Dec 2023**

|              | Monday<br>27-Nov-2023   | Tuesday<br>28-Nov-2023   | Wednesday<br>29-Nov-2023   |   |             |                                | Thursday<br>30-Nov-2023  |   |            |            | Friday<br>1-Dec-2023 |                      |  |  |  |  |            |                                |             |
|--------------|---|--|--|---|-------------|--------------------------------|--|---|------------|------------|----------------------|----------------------|--|--|--|--|------------|--------------------------------|-------------|
| 09.00- 09.50 | Independent Learning  | Lecture<br>Bloodstream Invasion & Sepsis I<br>M. Sönmezoğlu                  | ICP-CSL<br>(Examination of Cardiovascular and Respiratory System)<br>O.Özveren/ A.Şimşek/ Ç.Koca/<br>B.Salepçi /S.Akduman/E.Durmuş |   |             |                                | ICP-CSL<br>(Approach to a Patient With Chest Pain)<br>G. İzbırak/ T. Sadıkoğlu /<br>S. Özdemir/<br>D. Altıparmak |   |            |            | Independent Learning |                      |  |  |  |  |            |                                |             |
| 10.00- 10.50 | Lecture<br>Respiratory Muscles and Surgical Anatomy of Thorax<br>S. Ercan         | Lecture<br>Bloodstream Invasion & Sepsis II<br>M. Sönmezoğlu                 | Group C IL   | Group D IL  | Group B ICP | Group A Small Group Study SRPC | Group C ICP  | Group D Small Group Study SRPC  | Group A IL | Group B IL | Independent Learning |                      |  |  |  |  |            |                                |             |
| 11.00- 11.50 | Lecture<br>Surgical Disorders of Mediastinum and the Diaphragm<br>S. Ercan        | Lecture<br>Cardiac Infections<br>M. Sönmezoğlu                               |  |   |             |                                |  |   |            |            | Independent Learning |                      |  |  |  |  |            |                                |             |
| 12.00- 12.50 | Lecture<br>Surgical Treatment of Pulmonary Diseases<br>S. Ercan                   | Lecture<br>Anticoagulant, Antiplatelet & Thrombolytic drugs<br>E. N. Özdamar | Independent Learning   |   |             |                                | Independent Learning   |   |            |            | Independent Learning |                      |  |  |  |  |            |                                |             |
| 12.50- 14.00 | LUNCH BREAK   |  |  |   |             |                                |  |   |            |            |                      |                      |  |  |  |  |            |                                |             |
| 14.00- 14.50 | Pathology Laboratory (Cardiovascular and Respiratory Systems)<br>E. Hacıhasanoğlu | Group B  | Group A IL   | Lecture<br>Treatment of Cough & Drugs Used in the Treatment of Common Cold<br>E. N. Özdamar |             |                                |  | Lecture<br>Pharmacology and Toxicology of Tobacco<br>A.C Andaç  |            |            |                      | Independent Learning |  |  |  | ICP-CSL<br>(Examination of Cardiovascular and Respiratory System)<br>O. Özveren/ A. Şimşek/ Ç. Koca/<br>B.Salepçi / S.Akduman / E.Durmuş |            |                                |             |
| 15.00- 15.50 | Pathology Laboratory (Cardiovascular and Respiratory Systems)<br>E. Hacıhasanoğlu | Group A  | Group B IL   | Lecture<br>Drugs Used in Congestive Heart Disease I<br>A.C Andaç                            |             |                                |  | Lecture<br>Drugs Used in the Treatment of Asthma & Chronic Obstructive Lung Disease<br>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<br>Drugs Used in Congestive Heart Disease II<br>A.C Andaç                           |             |                                |  | Lecture<br>Tobacco Control and Chronic Non-Communicable Diseases IV<br>H. Taşyikan                              |            |            |                      | Independent Learning |  |  |  |  |            |                                |             |
| 17.00-17.50  | Independent Learning  |  |  | Lecture<br>Drugs Used in the Treatment of Angina Pectoris<br>A.C. Andaç                     |             |                                |  | Lecture<br>Epidemiology, Prevention and Control of Chronic Non-Communicable Respiratory Diseases<br>H. Taşyikan |            |            |                      | Independent Learning |  |  |  | Independent Learning   |            |                                |             |

**COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS**  
**WEEK VI / 4-8 Dec 2023**

|              | Monday<br>4-Dec-2023   | Tuesday<br>5-Dec-2023   | Wednesday<br>6-Dec-2023   | Thursday<br>7-Dec-2023  | Friday<br>8-Dec-2023 |
|--------------|--|---|---|---|----------------------|
| 09.00- 09.50 | <b>Lecture</b><br>Bronchiectasis<br>S. Akduman                     | <b>Lecture</b><br>Interstitial Lung Diseases<br>B. Salepçi              | <b>Lecture</b><br>Upper and Lower Respiratory<br>System Infections I<br>M. Sönmezoğlu   | <b>Lecture</b><br>Approach to the Pediatric<br>Patient with Pneumonia<br>F. Coşkunol            | Independent Learning |
| 10.00- 10.50 | <b>Lecture</b><br>Lung Cancer<br>S. Akduman                        | <b>Lecture</b><br>Sleep Apnea Syndrome<br>B. Salepçi                    | <b>Lecture</b><br>Upper and Lower Respiratory<br>System Infections II<br>M. Sönmezoğlu  | <b>Lecture</b><br>Epidemiology and Prevention<br>of Cardiovascular Diseases I<br>H.A. Taşyikan  | Independent Learning |
| 11.00- 11.50 | <b>Lecture</b><br>Pleural Diseases<br>S. Akduman                   | <b>Multidisciplinary Case<br/>Discussion Panel</b>                      | <b>Lecture</b><br>Inherited Respiratory System<br>Disorders<br>A. Ç. Kuşkucu  | <b>Lecture</b><br>Epidemiology and Prevention<br>of Cardiovascular Diseases II<br>H.A. Taşyikan | Independent Learning |
| 12.00- 12.50 | <b>Lecture</b><br>X-Ray Examination of the Lungs<br>F. Çelebi      | <b>Multidisciplinary Case<br/>Discussion Panel</b>                      | <b>Lecture</b><br>Inherited Cardiovascular<br>Disorders<br>A.Ç. Kuşkucu   | <b>Lecture</b><br>Public Health and Chronic<br>Non-Communicable<br>Diseases<br>H.A. Taşyikan    | Independent Learning |
| 12.50- 14.00 | <b>LUNCH BREAK</b>   |   |   |   |                      |
| 14.00- 14.50 | <b>Lecture</b><br>Ethical Issues at the Beginning of Life<br>A. Az | <b>Lecture</b><br>Chronic Restrictive Pulmonary<br>Diseases I<br>A. Sav | <b>ICP-CSL</b><br>(Approach to a Patient With<br>Chest Pain)<br>G. İzbirak/ T. Sadıkoğlu /<br>S. Özdemir/ D. Altıparmak                       | Independent Learning  | Independent Learning |
| 15.00- 15.50 | <b>Lecture</b><br>Ethical Issues in Paediatrics<br>A. Az           | Chronic Restrictive Pulmonary<br>Diseases II<br>A. Sav                  | <div>Group C</div> <div>Small Group Study</div> <div>SRPC</div> <div>Group D</div> <div>ICP</div> <div>Group A IL</div> <div>Group B IL</div> | Independent Learning  | Independent Learning |
| 16.00- 16.50 | <b>Lecture</b><br>Ethics in Intensive Care<br>A. Az                | <b>Lecture</b><br>Congenital Heart Disease I<br>A. Sav                  |   | Independent Learning  | Independent Learning |
| 17.00-17.50  | <b>Lecture</b><br>Ethics in Psychiatry<br>A. Az                    | <b>Lecture</b><br>Congenital Heart Disease II<br>A. Sav                 | Independent Learning  | Independent Learning  | Independent Learning |

**COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS**  
**WEEK VII / 11-15 Dec 2023**

| WEEK VII/ 11 TO DEC 2023 |                       |                        |                          |                         |                       |
|--------------------------|-----------------------|------------------------|--------------------------|-------------------------|-----------------------|
|                          | Monday<br>11-Dec-2023 | Tuesday<br>12-Dec-2023 | Wednesday<br>13-Dec-2023 | Thursday<br>14-Dec-2023 | Friday<br>15-Dec-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             |                       |                        |                          |                         |                       |
| 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 18, 2023 – January 12, 2024

COMMITTEE DURATION: 4 WEEKS

| COURSES        |  |              |              |                   |                               |                   |              |
|----------------|--|--------------|--------------|-------------------|-------------------------------|-------------------|--------------|
| <b>MED 302</b> | <b>INTRODUCTION to CLINICAL SCIENCES</b>   | <b>ABBR.</b> | <b>THEO.</b> | <b>PRAC./LAB.</b> | <b>SMALL GROUP DISCUSSION</b> | <b>DISCUSSION</b> | <b>TOTAL</b> |
|                | <b>DISCIPLINE/COMPONENTS</b>               |              |              |                   |                               |                   |              |
|                | GASTROENTEROHEPATOLOGY                     | GE           | 24           | 0                 | 0                             | 0                 | 24           |
|                | PATHOLOGY                                  | PT           | 14           | 2GrX1H            | 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           | 3            | 0                 | 0                             | 0                 | 3            |
|                | 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            |
|                | GENERAL SURGERY                            | GS           | 1            | 0                 | 0                             | 0                 | 1            |
|                | INTERDISCIPLINARY (GE, PT)                 | MCDP         | 0            | 0                 | 0                             | 2                 | 2            |
|                | SCIENTIFIC RESEARCH and PROJECT COURSE-III | SRPC         | 0            | 0                 | 4GrX2H                        | 0                 | 2            |
|                | <b>TOTAL</b>                               |              | 80           | 1                 | 2                             | 2                 | 85           |
| <b>MED 303</b> | INTRODUCTION to CLINICAL PRACTICE III      | ICP III      |              | 4GrX3H            |                               |                   | 3            |
|                | <b>INDEPENDENT LEARNING HOURS</b>          |              |              |                   |                               |                   | <b>55</b>    |

#### Coordination Committee

|                  |                                       |
|------------------|---------------------------------------|
| <b>HEAD</b>      | Meltem Ergün, MD, Assoc. Prof.        |
| <b>SECRETARY</b> | Didem Seven, PhD, Instructor          |
| <b>MEMBER</b>    | Ferda Özkan, MD, Prof.                |
| <b>MEMBER</b>    | Ezgi Hacıhasanoğlu, MD, Assist. Prof. |
| <b>MEMBER</b>    | Başak Aru, PhD, Assist. Prof.         |



**COMMITTEE III - GASTROINTESTINAL SYSTEM  
LECTURERS**

| <b>MED 302 INTRODUCTION to CLINICAL SCIENCES</b> |  |
|--|--|
| <b>DISCIPLINE</b>                                | <b>LECTURERS</b>   |
| GASTROENTEROHEPATOLOGY                           | Cengiz Pata, MD, Prof.<br>Meltem Ergün, MD, Prof.<br>M. Akif Öztürk, MD  |
| PATHOLOGY  | Aydın Sav, MD, Prof.<br>Ferda Özkan, MD, Prof.<br>Ezgi Hacıhasanoğlu, MD, Assist. Prof                                   |
| PHARMACOLOGY                                     | Ece Genç, PhD, Prof.<br>Emine Nur Özdamar, MD, Assist. Prof<br>Ahmet Cenk Andaç, PhD, Assist. Prof                       |
| PUBLIC HEALTH                                    | Hale Arık Taşyikan, MD, Assist. Prof   |
| BIOMEDICAL ETHICS &<br>DEONTOLOGY                | Adem Az, MD  |
| INFECTIOUS DISEASES AND<br>MEDICAL MICROBIOLOGY  | Meral Sönmezoğlu, MD, Prof.  |
| PATHOPHYSIOLOGY                                  | Mehtap Kaçar, MD, PhD, Prof.   |
| PHYTOTHERAPY                                     | Etil Güzelmeriç, Assist. Prof.   |
| FAMILY MEDICINE                                  | Güldal İzbirak, MD, Prof.<br>Duygu Altıparmak, MD, Specialist, Instructor<br>Tümay Sadıkoğlu, MD, Specialist, Instructor |
| BIOSTATISTICS                                    | Çiğdem Keleş, PhD, Assist. Prof.   |
| MEDICAL GENETICS                                 | Ayşegül Çınar Kuşkucu, MD, Assoc. Prof.  |
| EMERGENCY MEDICINE                               | Hande Candemir, MD, Assist. Prof.<br>Emin Gökhan Gencer, MD, Assist. Prof.   |
| PEDIATRICS                                       | Fulya Coşkunol, MD   |
| GENERAL SURGERY                                  | Alper Kurt, MD   |
| RADIOLOGY  | Ayşegül Görmez, MD, Assist. Prof.  |
| IMMUNOLOGY                                       | Gülderen Yanıkkaya Demirel, MD, PhD, Prof.   |
| <b>OTHER COURSES</b>                             |  |
| <b>DISCIPLINE</b>                                | <b>LECTURERS</b>   |
| SCIENTIFIC RESEARCH and<br>PROJECT COURSE-III    | Aylin Yaba Uçar, PhD, Prof.(Responsible Faculty<br>Member)<br>Hale Arık Taşyikan, MD, Assist Prof.                       |

| <b>MED 303 INTRODUCTION to CLINICAL PRACTICE III</b> |  |
|--|--|
| <b>DISCIPLINE</b>                                    | <b>LECTURERS</b>   |
| CLINICAL SKILLS LAB                                  | Güldal İzbirak, MD, Prof.<br>Tümay Sadıkoğlu, MD, Assist. Prof.<br>Serdar Özdemir, MD, Assist. Prof.<br>Duygu Altıparmak, MD, Specialist, Instructor<br>Esra Bayar, MD<br>Abidin Yusuf Kavurmacı, MD |

## **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/<br>INSTRUCTOR            | NUMBER of QUESTIONS<br>(MCQ) |    |    |       |
|   |            |                                    | CE                           | FE | IE | Total |
| G1-G6   | GE         | C. Pata                            | 27                           | 7  | 7  | 41    |
|   |            | M. Ergün                           |                              |    |    |       |
|   |            | M. A. Öztürk                       |                              |    |    |       |
| G2  | PT         | F. Özkan                           | 16                           | 4  | 4  | 24    |
|   |            | E. Hacıhasanoğlu                   |                              |    |    |       |
| G8  | BED        | A.Az                               | 11                           | 3  | 3  | 17    |
| G7  | PC         | E. Genç                            | 6                            | 1  | 1  | 8     |
|   |            | E. N. Özdamar                      |                              |    |    |       |
|   |            | A. Cenk Andaç                      |                              |    |    |       |
| G1-G6   | IDCM       | M. Sönmezoğlu                      | 5                            | 1  | 1  | 7     |
| G3, G4  | PH         | H.A.Taşıyan                        | 4                            | 1  | 1  | 6     |
| G11   | PHR (PHY)  | E. Güzelmeriç                      | 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                           | 4                            | 1  | 1  | 6     |
| G6  | FM         | D. Altıparmak<br>T. Sadıkoğlu      | 2                            | 1  | 1  | 4     |
| G9  | MG         | A.Ç. Kuşkucu                       | 2                            | 1  | 1  | 4     |
| G5  | EM         | H. Candemir                        | 2                            | 1  | 1  | 4     |
|   |            | E. G. Gencer                       |                              |    |    |       |
| G5  | RAD        | A. Görmez                          | 1                            | 0  | 0  | 1     |
| G5  | PED        | F. Coşkunol                        | 1                            | 0  | 0  | 1     |
| G5  | GS         | A.Kurt                             | 1                            | 0  | 0  | 1     |
| TOTAL   |            |                                    | 90                           | 24 | 24 | 138   |
| LEARNING OBJECTIVE  | DISCIPLINE | LECTURER/<br>INSTRUCTOR            | NUMBER of QUESTIONS<br>(EMQ) |    |    |       |
|   |            |                                    | CE                           | FE | IE | Total |
| G1-G6   | GE         | M. Ergün/ C. Pata<br>/M. A. Öztürk | 3                            | -  | -  | 3     |
| G2  | PT         | F. Özkan/<br>E. Hacıhasanoğlu      | 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

**\*\*24** 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 / 18-22 Dec 2023**

|                      | <b>Monday<br/>18-Dec-2023</b>                              | <b>Tuesday<br/>19- Dec -2023</b>  | <b>Wednesday<br/>20- Dec -2023</b>   | <b>Thursday<br/>21- Dec -2023</b>  | <b>Friday<br/>22- Dec -2023</b>                                      |
|----------------------|--|---|--|--|--|
| <b>09.00- 09.50</b>  | <b>Lecture</b><br>Palliative Care Ethics<br>A. Az          | <b>Lecture</b><br>Ethics of Dealing with Addiction<br>A. Az   | <b>Lecture</b><br>Semiology I<br>M. A. Öztürk                              | <b>Lecture</b><br>Functional GI Disorders &<br>Irritable Bowel Disease<br>C. Pata    | <b>Independent Learning</b>  |
| <b>10.00- 10.50</b>  | <b>Lecture</b><br>Medical Ethical Decision-Making<br>A. Az | <b>Lecture</b><br>Ethics of Elective Interventions<br>A. Az   | <b>Lecture</b><br>Semiology II<br>M. A. Öztürk                             | <b>Lecture</b><br>Cirrhosis and Portal<br>Hypertension<br>C. Pata                    | <b>Lecture</b><br>Comparing Groups-categorical<br>Data<br>Ç. Keleş   |
| <b>11.00- 11.50</b>  | <b>Lecture</b><br>Ethics and the Law<br>A. Az              | <b>Lecture</b><br>The Ethics of Testing and<br>Screening<br>A. Az   | <b>Lecture</b><br>Steatohepatitis<br>M. A. Öztürk                          | <b>Lecture</b><br>Radiology of Gastrointestinal<br>System<br>A. Görmez               | <b>Lecture</b><br>Comparing Groups-countinous<br>Data I<br>Ç. Keleş  |
| <b>12.00- 12.50</b>  | <b>Lecture</b><br>Public Health Ethics<br>A. Az            | <b>Lecture</b><br>The Ethics of Dealing with<br>Infectious Diseases<br>A. Az                                  | <b>Lecture</b><br>Alcoholic Liver Disease<br>M. A. Öztürk                  | <b>Lecture</b><br>Pathophysiology of<br>Gastrointestinal Disorders I<br>M. Kaçar     | <b>Lecture</b><br>Comparing Groups-countinous<br>Data II<br>Ç. Keleş |
| <b>12.50 – 14.00</b> | <b>LUNCH BREAK</b>   |   |  |  |  |
| <b>14.00- 14.50</b>  | <b>Lecture</b><br>The Ethics of Patents on Life<br>A. Az   | <b>Lecture</b><br>Ethical Issues at the End of Life<br>A. Az  | <b>Lecture</b><br>Abdominal Pain<br>M. Ergün                               | <b>Lecture</b><br>Jaundice<br>M. Ergün   | <b>Lecture</b><br>Acute Gastroenteritis<br>M. Sönmezoğlu             |
| <b>15.00- 15.50</b>  | <b>Lecture</b><br>Phytotherapy-IV<br>E. Güzelmeriç         | <b>Lecture</b><br>Approach to the Patient with<br>Abdominal Pain Regarding<br>to Primary Care<br>T. Sadıkoğlu | <b>Lecture</b><br>Disease of the Bile Duct and<br>Gall Bladder<br>M. Ergün | <b>Lecture</b><br>Tumors of Esophagus,<br>Stomach and Small Intestine<br>M. Ergün    | <b>Lecture</b><br>Hepatitis I<br>M. Sönmezoğlu                       |
| <b>16.00- 16.50</b>  | <b>Lecture</b><br>Phytotherapy-V<br>E. Güzelmeriç          | <b>Independent Learning</b>   | <b>Lecture</b><br>Acute and Chronic<br>Pancreatitis<br>M. Ergün            | <b>Lecture</b><br>Pathophysiology of Gastro-<br>intestinal Disorders II<br>M. Kaçar  | <b>Lecture</b><br>Hepatitis II<br>M. Sönmezoğlu                      |
| <b>17.00-17.50</b>   | <b>Lecture</b><br>Phytotherapy-VI<br>E. Güzelmeriç         | <b>Independent Learning</b>   | <b>Independent Learning</b>  | <b>Lecture</b><br>Pathophysiology of Gastro-<br>intestinal Disorders III<br>M. Kaçar | <b>Lecture</b><br>Food Poisoning<br>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 / 25-29 Dec 2023**

|                      | <b>Monday<br/>25-Dec-2023</b>   | <b>Tuesday<br/>26-Dec-2023</b>  | <b>Wednesday<br/>27-Dec-2023</b>   | <b>Thursday<br/>28-Dec-2023</b>  | <b>Friday<br/>29-Dec-2023</b>  |
|----------------------|---|---|--|--|--|
| <b>09.00- 09.50</b>  | <b>Lecture</b><br>Public Health and Nutrition I<br>H. Taşyikan                      | <b>Lecture</b><br>Oral Pathology<br>F. Özkan                                  | <b>Independent Learning</b>  | <b>Pathology Laboratory (Gastrointestinal System)</b><br>E. Hacıhasanoğlu<br><b>Group B</b><br><b>Group A IL</b> | <b>Lecture</b><br>Transplantation of liver<br>A.Kurt                     |
| <b>10.00- 10.50</b>  | <b>Lecture</b><br>Public Health and Nutrition II<br>H. Taşyikan                     | <b>Lecture</b><br>Pathology of Esophagus I<br>F. Özkan                        | <b>Lecture</b><br>Gastritis and Helicobacter Pylori<br>C. Pata                             | <b>Pathology Laboratory (Gastrointestinal System)</b><br>E. Hacıhasanoğlu<br><b>Group A</b><br><b>Group B IL</b> | <b>Lecture</b><br>Pathology of Liver I<br>E. Hacıhasanoğlu               |
| <b>11.00- 11.50</b>  | <b>Lecture</b><br>Acute Liver Failure<br>M. Ergün                                   | <b>Lecture</b><br>Pathology of Esophagus II<br>F. Özkan                       | <b>Lecture</b><br>Gastroesophageal Reflux (GE) and Esophageal Motility Disorder<br>C. Pata | <b>Lecture</b><br>Pathology of Stomach I<br>F. Özkan   | <b>Lecture</b><br>Pathology of Liver II<br>E. Hacıhasanoğlu              |
| <b>12.00- 12.50</b>  | <b>Lecture</b><br>Autoimmune Hepatitis<br>M. Ergün                                  | <b>Lecture</b><br>Antiemetic Agents<br>A. C. Andaç                            | <b>Lecture</b><br>Chronic /Viral Hepatitis<br>C. Pata                                      | <b>Lecture</b><br>Pathology of Stomach II<br>F. Özkan  | <b>Lecture</b><br>Pathology of Appendix & Peritoneum<br>E. Hacıhasanoğlu |
| <b>12.50 – 14.00</b> | <b>LUNCH BREAK</b>  |   |  |  |  |
| <b>14.00- 14.50</b>  | <b>Lecture</b><br>Wilson Disease and Hemochromatosis<br>M. Ergün                    | <b>Lecture</b><br>Pathology of Liver & Biliary System I<br>E. Hacıhasanoğlu   | <b>Lecture</b><br>Agents used in the Treatment of Peptic Ulcer I<br>E. Genç                | <b>Lecture</b><br>Toxic Hepatitis<br>M. Ergün  | <b>Lecture</b><br>Mesenteric Ischemia<br>H.Candemir                      |
| <b>15.00- 15.50</b>  | <b>Lecture</b><br>Mass Lesions of the Liver<br>M. Ergün                             | <b>Lecture</b><br>Pathology of Liver & Biliary System II<br>E. Hacıhasanoğlu  | <b>Lecture</b><br>Agents used in the Treatment of Peptic Ulcer II<br>E. Genç               | <b>Lecture</b><br>Tumors of the Bile Ducts and Pancreas<br>M. Ergün  | <b>Lecture</b><br>Clinical Nutrition<br>F. Coşkunol                      |
| <b>16.00- 16.50</b>  | <b>Lecture</b><br>Epidemiology, Prevention and Control of Obesity<br>H. A. Taşyikan | <b>Lecture</b><br>Pathology of Liver & Biliary System III<br>E. Hacıhasanoğlu | <b>Independent Learning</b>  | <b>Lecture</b><br>Malabsorption<br>M. Ergün  | <b>Independent Learning</b>  |
| <b>17.00-17.50</b>   | <b>Independent Learning</b>   | <b>Lecture</b><br>Pathology of Liver & Biliary System IV<br>E. Hacıhasanoğlu  | <b>Independent Learning</b>  | <b>Lecture</b><br>Peptic Ulcer Disease<br>M. Ergün   | <b>Independent Learning</b>  |

**COMMITTEE III - GASTROINTESTINAL SYSTEM**  
**WEEK III / 1-5 Jan 2024**

|               | Monday<br>1-Jan-2024 | Tuesday<br>2-Jan-2024   | Wednesday<br>3-Jan-2024  | Thursday<br>4-Jan-2024   | Friday<br>5-Jan-2024   |
|---------------|----------------------|---|--|--|--|
| 09.00- 09.50  | New Year's Day       | Lecture<br>Pathology of Intestinal Diseases I<br>F. Özkan   | ICP-CSL Physical<br>Examination of Gastrointestinal System<br>E. Bayar/ A.Y. Kavurmacı<br>ICP-CSL<br>History Taking<br>G. İzbirak / T. Sadıkoğlu/ S. Özdemir /<br>D. Altıparmak<br>Group C ICP | ICP-CSL<br>History Taking<br>G. İzbirak / T. Sadıkoğlu/ S. Özdemir /<br>D. Altıparmak<br>Group B ICP<br><br>ICP-CSL<br>Physical Examination of Gastrointestinal<br>System<br>Group B ICP<br>E. Bayar/ A.Y. Kavurmacı | ICP-CSL<br>History Taking<br>G. İzbirak / T. Sadıkoğlu/ S. Özdemir /<br>D. Altıparmak<br>Group D ICP<br><br>ICP-CSL<br>Physical Examination of Gastrointestinal System)<br>Group D ICP<br>E. Bayar/ A.Y. Kavurmacı |
| 10.00- 10.50  |                      | Lecture<br>Pathology of Intestinal Diseases II<br>F. Özkan  | Group D<br>Small Group<br>Study<br>SRPC  | Group B<br>ICP   | Group D<br>ICP   |
| 11.00- 11.50  |                      | Lecture<br>Inflammatory Bowel Disease<br>M. Ergün   | Group C<br>ICP   | Group A<br>Small Group<br>Study<br>SRPC  | Group C<br>Small Group<br>Study<br>SRPC  |
| 12.00- 12.50  |                      | Lecture<br>Premalignant Lesion of the Colon<br>M. Ergün   | Group A<br>IL  | Group C<br>IL  | Group A<br>IL  |
|               |                      |   | Group B<br>IL  | Group D<br>IL  | Group B<br>IL  |
| 12.50 – 14.00 | LUNCH BREAK          |   |  |  |  |
| 14.00- 14.50  | New Year's Day       | ICP-CSL<br>History Taking<br>G. İzbirak / T. Sadıkoğlu/ S. Özdemir /<br>D. Altıparmak<br>ICP-CSL<br>Physical Examination of Gastrointestinal<br>System<br>Group A ICP<br>E. Bayar/ A.Y. Kavurmacı | Multidisciplinary Case Discussion Panel  |  | Lecture<br>Immunologic Tolerance and Autoimmunity<br>G. Yanıkkaya Demirel  |
| 15.00- 15.50  |                      | Group A<br>ICP  | Multidisciplinary Case Discussion Panel  |  | Lecture<br>Immunologic Tolerance and Autoimmunity<br>G. Yanıkkaya Demirel  |
| 16.00- 16.50  |                      | Group B<br>Small Group Study<br>SRPC  | Lecture<br>Clinical Approach to the Patient with Acute Abdominal Pain<br>E. G. Gencer  |  | Lecture<br>Complex Diseases-Inherited Gastrointestinal System Disorders<br>A.Ç. Kuşku  |
| 17.00-17.50   |                      | Group C<br>IL   | Lecture<br>Laxatives<br>E. N. Özdamar  |  | Lecture<br>Complex Diseases-Inherited Gastrointestinal System Disorders<br>A.Ç. Kuşku  |
|               |                      | Group D<br>IL   | Independent Learning   |  | Independent Learning   |

**COMMITTEE III - GASTROINTESTINAL SYSTEM**  
**WEEK IV / 8-12 Jan 2024**

|               | Monday<br>8-Jan-2024 | Tuesday<br>9-Jan-2024 | Wednesday<br>10-Jan-2024 | Thursday<br>11-Jan-2024 | Friday<br>12-Jan-2024 |
|---------------|----------------------|-----------------------|--------------------------|-------------------------|-----------------------|
| 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 15, 2024 – March 15, 2024

COMMITTEE DURATION: 7 WEEKS

| COURSES        |  |              |              |                   |                               |                   |              |
|----------------|--|--------------|--------------|-------------------|-------------------------------|-------------------|--------------|
| <b>MED 302</b> | <b>INTRODUCTION to CLINICAL SCIENCES</b>   | <b>ABBR.</b> | <b>THEO.</b> | <b>PRAC./LAB.</b> | <b>SMALL GROUP DISCUSSION</b> | <b>DISCUSSION</b> | <b>TOTAL</b> |
|                | <b>DISCIPLINE/COMPONENTS</b>               |              |              |                   |                               |                   |              |
|                | PATHOLOGY                                  | PT           | 32           | 2GrX1H            | 0                             | 0                 | 33           |
|                | OBST & GYN                                 | OBS-GYN      | 17           | 0                 | 0                             | 0                 | 17           |
|                | ENDOCRINOLOGY                              | END          | 13           | 0                 | 0                             | 0                 | 13           |
|                | 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            | 1H+4GrX3H         | 0                             | 0                 | 4            |
|                | PATHOPHYSIOLOGY                            | PP           | 7            | 0                 | 0                             | 0                 | 7            |
|                | MEDICAL GENETICS                           | MG           | 6            | 0                 | 0                             | 0                 | 6            |
|                | PEDIATRICS                                 | PED          | 3            | 0                 | 0                             | 0                 | 3            |
|                | UROLOGY                                    | URO          | 6            | 0                 | 0                             | 0                 | 6            |
|                | FAMILY MEDICINE                            | FM           | 5            | 0                 | 0                             | 0                 | 5            |
|                | PUBLIC HEALTH                              | PH           | 4            | 0                 | 0                             | 0                 | 4            |
|                | BIOSTATISTICS                              | BS           | 3            | 0                 | 0                             | 0                 | 3            |
|                | PEDIATRIC ENDOCRINOLOGY                    | PE           | 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 (NE, END, URO, OBS-GYN)  | MCDP         | 0            | 0                 | 0                             | 2                 | 2            |
|                | SCIENTIFIC RESEARCH and PROJECT COURSE-III | SRPC         | 0            | 0                 | 4GrX4H                        | 0                 | 4            |
|                | <b>TOTAL</b>                               |              | 144          | 5                 | 4                             | 2                 | 155          |
| <b>MED 303</b> | INTRODUCTION to CLINICAL PRACTICE III      | ICP III      |              | 4GrX9H            |                               |                   | 9            |
|                | <b>INDEPENDENT LEARNING HOURS</b>          |              |              |                   |                               |                   | <b>88</b>    |

#### Coordination Committee

|                  |                                   |
|------------------|-----------------------------------|
| <b>HEAD</b>      | Özlem Haliloğlu, MD, Assoc. Prof. |
| <b>SECRETARY</b> | Cenk Andaç, PhD, Assist. Prof.    |
| <b>MEMBER</b>    | Gülçin Kantarcı, MD, Prof.        |
| <b>MEMBER</b>    | Rukset Attar, MD, Prof.           |
| <b>MEMBER</b>    | Oya Alagöz, MD, Assist. Prof.     |



## COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS LECTURERS

| MED 302 INTRODUCTION to CLINICAL SCIENCES     |  |
|---|--|
| DISCIPLINE                                    | LECTURERS  |
| <b>PATHOLOGY</b>                              | Aydın Sav, MD, Prof.<br>Ferda Özkan, MD, Prof.<br>Ezgi Hacıhasanoğlu, MD   |
| <b>OBSTETRICS and GYNECOLOGY</b>              | Orhan Ünal, MD, Prof.<br>Rukset Attar, MD, Prof.<br>Erkut Attar, MD Prof.<br>Melis Gökçe Koçer Yazıcı, MD, Assist. Prof.<br>Tanju Demirören, MD  |
| <b>ENDOCRINOLOGY</b>                          | Fahrettin Keleştemur, MD, Prof.<br>Özlem Haliloğlu, MD, Assoc. Prof.   |
| <b>PHARMACOLOGY</b>                           | Ece Genç, PhD, Prof.<br>Emine Nur Özdamar, MD, Assist. Prof.   |
| <b>MEDICAL GENETICS</b>                       | Ayşegül Çınar Kuşkucu, MD, Assist. Prof.   |
| <b>INFECTIOUS DISEASES</b>                    | Meral Sönmezoğlu, MD Prof.   |
| <b>MEDICAL MICROBIOLOGY</b>                   | Aynur Eren Topkaya, MD, Prof.<br>Güner Söyletir, MD, Prof.<br>Pınar Çıragil, MD, Prof.   |
| <b>PATHOPHYSIOLOGY</b>                        | Mehtap Kaçar, MD, PhD, Prof.   |
| <b>BIOMEDICAL ETHICS&amp;DEONTOLOGY</b>       | Adem Az, MD.   |
| <b>PUBLIC HEALTH</b>                          | Hale Arık Taşyikan, MD, Assist. Prof.  |
| <b>FAMILY MEDICINE</b>                        | Güldal İzbirak, MD, Prof.<br>Duygu Altıparmak, MD, Specialist, Instructor<br>Tumay Sadıkoğlu, MD, Assist. Prof.  |
| <b>PEDIATRICS</b>                             | Mustafa Berber, MD, Assist. Prof.<br>Coşkun Saf, MD, Assist. Prof.<br>Fulya Coşkunol, MD   |
| <b>PEDIATRIC ENDOCRINOLOGY</b>                | Elif Sağsak, MD, Assoc. Prof.  |
| <b>BIOSTATISTICS</b>                          | Çiğdem Keleş, PhD, Assist. Prof.   |
| <b>RADIOLOGY</b>                              | Tuğba İlkem Kurtoğlu Özçağlayan, MD, Assoc. Prof.<br>Ayşegül Görmez, MD, Assist. Prof.   |
| <b>PHYTOTHERAPY</b>                           | Etil Güzelmeriç, Assist. Prof.   |
| <b>NEPHROLOGY</b>                             | Gülçin Kantarcı, MD, Prof.<br>Abdullah Özkök, MD, Prof   |
| <b>UROLOGY</b>                                | Mustafa Yüksel, MD.  |
| <b>PEDIATRIC SURGERY</b>                      | Şafak Karaçay, MD, Assoc. Prof.  |
| <b>GENERAL SURGERY</b>                        | Cihan Şahan, MD  |
| <b>EMERGENCY MEDICINE</b>                     | Emin Gökhan Gencer, MD, Assist. Prof.  |
| <b>IMMUNOLOGY</b>                             | Gülderen Yanıkkaya Demirel, MD, PhD, Prof.   |
| OTHER COURSES                                 |  |
| DISCIPLINE                                    | LECTURERS  |
| SCIENTIFIC RESEARCH and PROJECT COURSE-III    | Aylin Yaba Uçar, PhD, Prof.(Responsible Faculty Member)<br>Hale Arık Taşyikan, MD, Assist Prof.  |
| MED 303 INTRODUCTION to CLINICAL PRACTICE III |  |
| DISCIPLINE                                    | LECTURERS  |
| CLINICAL SKILLS LAB                           | Rukset Attar, MD, Prof<br>Bilge Kağan Aysal, MD, Assoc. Prof.<br>Mert Yeşiladalı, MD, Assist. Prof.<br>Melis Gökçe Koçer Yazıcı, MD, Assist. Prof.<br>Mustafa Berber, MD, Assist. Prof.<br>Mert Ersan, MD<br>Emre Özer, MD |

## **COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS**

### **AIMS and LEARNING OBJECTIVES**

#### **AIMS**

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

#### **LEARNING OBJECTIVES OF ENDOCRINE and REPRODUCTIVE SYSTEMS**

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

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

## **LEARNING OBJECTIVES OF URINARY SYSTEM**

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

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

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

| PHASE III  |            |                          |                           |           |           |            |
|--|------------|--------------------------|---------------------------|-----------|-----------|------------|
| COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES                          |            |                          |                           |           |           |            |
| COURSE COMPONENT: COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS |            |                          |                           |           |           |            |
| QUESTION DISTRIBUTION TABLE  |            |                          |                           |           |           |            |
| LEARNING OBJECTIVE   | DISCIPLINE | LECTURER/ INSTRUCTOR     | NUMBER of QUESTIONS (MCQ) |           |           |            |
|  |            |                          | CE                        | FE        | IE        | Total      |
| E.2, U.2   | PT         | F. Özkan                 | 20                        | 9         | 9         | 38         |
|  |            | A. Sav                   |                           |           |           |            |
|  |            | E. Hacıhasanoğlu         |                           |           |           |            |
| E.1 – E.6  | OBS-GYN    | O. Ünal                  | 11                        | 5         | 5         | 21         |
|  |            | R. Attar                 |                           |           |           |            |
|  |            | M.G.Koçer Yazıcı         |                           |           |           |            |
|  |            | T. Demirören             |                           |           |           |            |
|  |            | E. Attar                 |                           |           |           |            |
| E.1 – E.6  | END        | F. Keleştemur            | 8                         | 4         | 4         | 16         |
|  |            | Ö.Haliloğlu              |                           |           |           |            |
| U.1 – U.6  | NE         | G. Kantarcı              | 9                         | 4         | 4         | 17         |
|  |            | 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          |
|  |            | C. Saf                   |                           |           |           |            |
|  |            | F. Coşkunol              |                           |           |           |            |
| 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         | D. Altıparmak            | 3                         | 2         | 2         | 7          |
| E.3, E.4, U.3, U.4   | PH         | H.A. Taşyikan            | 2                         | 1         | 1         | 4          |
| E.9  | BS         | Ç. Keleş                 | 2                         | 1         | 1         | 4          |
| E.5  | IMM        | G. Y. Demirel            | 1                         | 1         | 1         | 3          |
| E.11   | BED        | A.Az                     | 1                         | 1         | 1         | 3          |
| E.10   | PHR (PHY)  | E. Güzelmeriç            | 1                         | 1         | 1         | 3          |
| E.5, U.5   | RAD        | T.İ. Kurtoğlu Özcağlayan | 1                         | 1         | 1         | 3          |
|  |            | A. Görmez                |                           |           |           |            |
| 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         | C. Şahan                 | 1                         | 0         | 0         | 1          |
| <b>TOTAL</b>   |            |                          | <b>90</b>                 | <b>44</b> | <b>44</b> | <b>178</b> |
| 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          |
| <b>TOTAL</b>   |            |                          | <b>5</b>                  | <b>-</b>  | <b>-</b>  | <b>5</b>   |

**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

**\*\*44** 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 / 15 – 19 Jan 2024**

|               | Monday<br>15-Jan-2024  | Tuesday<br>16-Jan-2024  | Wednesday<br>17-Jan-2024   | Thursday<br>18-Jan-2024  |                                      |            |            | Friday<br>19-Jan-2024  |
|---------------|--|---|--|--|--------------------------------------|------------|------------|--|
| 09.00- 09.50  | <b>Lecture</b><br>Introduction to Endocrinology<br>F. Keleştemur                           | <b>Lecture</b><br>Pathology of Adrenal Gland I<br>A. Sav                  | <b>Lecture</b><br>Pathophysiology of<br>Endocrine System<br>Diseases I<br>M. Kaçar   | <b>ICP-CSL</b><br>Follow-up of Pregnancy & Stages of<br>Normal Labour & Gynecological<br>Examination, PAP Smear Obtain ng<br>R. Attar/ M. Yeşiladalı / M.G.K. Yazıcı |                                      |            |            | <b>Independent Learning</b>  |
| 10.00- 10.50  | <b>Lecture</b><br>Introduction to Diabetes<br>Mellitus<br>Ö. Haliloğlu                     | <b>Lecture</b><br>Pathology of Adrenal Gland II<br>A. Sav                 | <b>Lecture</b><br>Pathophysiology of<br>Endocrine System<br>Diseases II<br>M. Kaçar  | Group A<br>ICP   | Group B<br>Small Group Study<br>SRPC | Group C IL | Group D IL | <b>Lecture</b><br>Introduction to Endocrine<br>Pharmacology<br>E. Genç |
| 11.00- 11.50  | <b>Lecture</b><br>Clinical and Laboratory<br>Findings of Diabetes Mellitus<br>Ö. Haliloğlu | <b>Lecture</b><br>Relation Between Two<br>Variables I<br>Ç. Keleş         | <b>Lecture</b><br>Pathophysiology of<br>Endocrine System<br>Diseases III<br>M. Kaçar |  |                                      |            |            | <b>Lecture</b><br>Thyroid and Antithyroid Drugs I<br>E. Genç           |
| 12.00- 12.50  | <b>Lecture</b><br>Obesity<br>Ö. Haliloğlu  | <b>Lecture</b><br>Relation Between Two<br>Variables II<br>Ç. Keleş        | <b>Lecture</b><br>Hypertensive Disorders in<br>Pregnancy<br>E.G. Gencer              | <b>Independent Learning</b>  |                                      |            |            | <b>Lecture</b><br>Thyroid and Antithyroid Drugs II<br>E. Genç          |
| 12.50 – 14.00 | <b>LUNCH BREAK</b>   |   |  |  |                                      |            |            |  |
| 14.00- 14.50  | <b>Lecture</b><br>Pathology of Endocrine<br>System: Introduction<br>A. Sav                 | <b>Lecture</b><br>Calcium Metabolism<br>Ö. Haliloğlu                      | <b>Lecture</b><br>Prenatal Genetic<br>Diagnosis<br>A. Ç. Kuşkucu                     | <b>Lecture</b><br>Normal Pubertal Development<br>E. Sağsak   |                                      |            |            | <b>Lecture</b><br>Hypoglycemia<br>F. Keleştemur                        |
| 15.00- 15.50  | <b>Lecture</b><br>Pathology of Pituitary Gland I<br>A. Sav                                 | <b>Lecture</b><br>Physical Examination of<br>Newborn Patient<br>M. Berber | <b>Lecture</b><br>Genetic Counseling<br>A. Ç. Kuşkucu                                | <b>Lecture</b><br>Congenital Adrenal Hyperplasia<br>E. Sağsak  |                                      |            |            | <b>Lecture</b><br>Hypercalcemic Diseases<br>Ö. Haliloğlu               |
| 16.00- 16.50  | <b>Lecture</b><br>Pathology of Pituitary Gland<br>II<br>A. Sav                             | <b>Lecture</b><br>Physical Examination of Child<br>Patient<br>F. Coşkunol | <b>Lecture</b><br>Pathology of Pancreas<br>A. Sav                                    | <b>Lecture</b><br>Pubertal Disorders<br>E. Sağsak  |                                      |            |            | <b>Lecture</b><br>Pathology of Thyroid &<br>Parathyroid I<br>A. Sav    |
| 17.00-17.50   | <b>Independent Learning</b>  | <b>Lecture</b><br>Imaging of Thyroid Glands<br>Tuğba İ. Kurtuluş Çağlayan | <b>Lecture</b><br>Pathology of Pancreas<br>A. Sav                                    | <b>Independent Learning</b>  |                                      |            |            | <b>Lecture</b><br>Pathology of Thyroid &<br>Parathyroid II<br>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**  
**22 JANUARY – 2 FEBRUARY 2024**

**COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS**  
**WEEK II / 5 – 9 Feb 2024**

|              | Monday<br>5-Feb-2024   | Tuesday<br>6-Feb-2024  | Wednesday<br>7-Feb-2024  | Thursday<br>8-Feb-2024   | Friday<br>9-Feb-2024   |
|--------------|--|--|--|--|--|
| 09.00- 09.50 | <b>Lecture</b><br>Puerperal Infections<br>T. Demirören                 | <b>Lecture</b><br>Fluid, Electrolyte I<br>G. Kantarcı  | <b>Independent Learning</b>  | <b>ICP-CSL</b><br>Follow-up of Pregnancy &<br>Stages of Normal Labour &<br>Gynecological Examination, PAP<br>Smear Obtaining<br>R. Attar/ M. Yeşiladalı / M.G.K.<br>Yazıcı | <b>Lecture</b><br>Conditions Affecting Vulva & Vagina<br>O. Ünal                           |
| 10.00- 10.50 | <b>Lecture</b><br>Normal and Abnormal<br>Labor<br>T. Demirören         | <b>Lecture</b><br>Fluid, Electrolyte II<br>G. Kantarcı                                       | <b>Independent Learning</b>  | <div>Group A<br/>Small Group Study<br/>SRPC</div> <div>Group B<br/>ICP</div> <div>Group C IL</div> <div>Group D IL</div>   | <b>Lecture</b><br>Menopause<br>M. G. Koçer Yazıcı  |
| 11.00- 11.50 | <b>Lecture</b><br>Insulin and Oral<br>Antidiabetic Drugs I<br>E. Genç  | <b>Lecture</b><br>Hyperfunctioning Disorders<br>of Anterior Pituitary Gland<br>F. Keleştemur | <b>Lecture</b><br>The Gynecological<br>History and Examination<br>M.G. Koçer Yazıcı              |  | <b>Lecture</b><br>Fertility Control<br>E. Attar  |
| 12.00- 12.50 | <b>Lecture</b><br>Insulin and Oral<br>Antidiabetic Drugs II<br>E. Genç | <b>Lecture</b><br>Disorders of Posterior<br>Pituitary Gland<br>F. Keleştemur                 | <b>Lecture</b><br>Endometriosis &<br>Adenomyosis<br>E. Attar                                     | <b>Lecture</b><br>Congenital Anomalies of The<br>Urinary System<br>Ş. Karaçay  | <b>Lecture</b><br>Infertility<br>E. Attar  |
| 12.50-14.00  | <b>LUNCH BREAK</b>   |  |  |  |  |
| 14.00- 14.50 | <b>Lecture</b><br>Pathology of Vulva &<br>Vagina<br>F. Özkan           | <b>Lecture</b><br>Neuroendocrine tumors<br>Ö. Haliloğlu                                      | <b>Lecture</b><br>Adrenocortical<br>Hormones and Drugs I<br>E. Genç                              | <b>Lecture</b><br>Reproductive Ethics<br>A.Az  | <b>Lecture</b><br>Acute Kidney Injury-I<br>G. Kantarcı                                     |
| 15.00- 15.50 | <b>Lecture</b><br>Pathology of<br>Treponemal Infections<br>F. Özkan    | <b>Lecture</b><br>Thyroid Function Tests and<br>Thyroid Disorders<br>Ö. Haliloğlu            | <b>Lecture</b><br>Adrenocortical<br>Hormones and Drugs II<br>E. Genç                             | <b>Lecture</b><br>Gene Ethics<br>A.Az  | <b>Lecture</b><br>Acute Kidney Injury-II<br>G. Kantarcı                                    |
| 16.00- 16.50 | <b>Lecture</b><br>Pathology of Breast I<br>F. Özkan                    | <b>Independent Learning</b>  | <b>Lecture</b><br>Antenatal Care<br>T. Demirören   | <b>Lecture</b><br>Breast Diseases<br>G. İzbirak/ D. Altıparmak   | <b>Lecture</b><br>Clinical Study of Renal Functions and Urinary<br>Findings<br>G. Kantarcı |
| 17.00-17.50  | <b>Lecture</b><br>Pathology of Breast II<br>F. Özkan                   | <b>Independent Learning</b>  | <b>Lecture</b><br>Disorders of Early<br>Pregnancy (Miscarriage;<br>Ectopic; GTD)<br>T. Demirören | <b>Lecture</b><br>Imaging of Urinary System<br>A.Görmez  | <b>Independent Learning</b>  |

**COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS**  
**WEEK III / 12 – 16 Feb 2024**

|             | Monday<br>12-Feb-2024  | Tuesday<br>13-Feb-2024  | Wednesday<br>14-Feb-2024   | Thursday<br>15-Feb-2024  |            |             |                                | Friday<br>16-Feb-2024  |            |                                |             |
|-------------|--|---|--|--|------------|-------------|--------------------------------|--|------------|--------------------------------|-------------|
| 09.00-09.50 | <b>Lecture</b><br>Agents Effecting Bone Mineral Homeostasis I<br>E. Genç               | <b>Independent learning</b>   | <b>Lecture</b><br>Immunology of Reproduction<br>G. Yanıkkaya Demirel   | <b>ICP-CSL</b><br>Follow-up of Pregnancy & Stages of Normal Labour & Gynecological Examination, PAP<br>R. Attar/ M. Yeşiladalı / M.G.K. Yazıcı |            |             |                                | <b>ICP-CSL</b><br>Follow-up of Pregnancy & Stages of Normal Labour & Gynecological Examination, PAP<br>R. Attar/ M. Yeşiladalı / M.G.K. Yazıcı |            |                                |             |
| 10.00-10.50 | <b>Lecture</b><br>Agents Effecting Bone Mineral Homeostasis II<br>E. Genç              | <b>Lecture</b><br>Upper and Lower Urinary Tract Infections I<br>M. Sönmezoğlu   | <b>Lecture</b><br>Immunology of Reproduction<br>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 | <b>Lecture</b><br>Pathophysiology of Reproductive System Diseases I<br>M. Kaçar        | <b>Lecture</b><br>Upper and Lower Urinary Tract Infections II<br>M. Sönmezoğlu  | <b>Lecture</b><br>Hypocalcemic Diseases<br>Ö. Haliloğlu  |  |            |             |                                |  |            |                                |             |
| 12.00-12.50 | <b>Lecture</b><br>Pathophysiology of Reproductive System Diseases II<br>M. Kaçar       | <b>Microbiology Laboratory</b><br>(Diagnostic Tests of Urinary Specimens and Urogenital Specimens-I)<br>G. Söyletir   | <b>Lecture</b><br>Adrenal Disorders<br>F. Keleştemur   | <b>Lecture</b><br>Medical History for Breast Diseases in Primary Care & Clinical Breast Examination<br>T.Sadikoğlu                             |            |             |                                | <b>Independent learning</b>  |            |                                |             |
| 12.50-14.00 | <b>LUNCH BREAK</b>   |   |  |  |            |             |                                |  |            |                                |             |
| 14.00-14.50 | <b>Lecture</b><br>Normal and Abnormal Sexual Development & Puberty<br>R. Attar         | <b>Microbiology Laboratory</b><br>(Diagnostic Tests of Urinary Specimens and Urogenital Specimens-I)<br>G. Söyletir, P. Çiragil. A.E Topkaya<br>Z. Kipritçi, S.D Bakirezer<br>Group A | <b>Microbiology Laboratory</b><br>(Diagnostic Tests of Urinary Specimens and Urogenital Specimens-II)<br>G. Söyletir, P. Çiragil. A.E Topkaya<br>Z. Kipritçi, S.D Bakirezer<br>Group D | <b>Lecture</b><br>Congenital Infections and Sexually Transmitted Diseases, Genital Infections I<br>M. Sönmezoğlu                               |            |             |                                | <b>ELECTIVE WEEK I</b>   |            | <b>Independent Learning</b>    |             |
| 15.00-15.50 | <b>Lecture</b><br>The Menstrual Cycle and Disorders of the Menstrual Cycle<br>R. Attar | <b>Group B</b>  | <b>Group C</b>   | <b>Lecture</b><br>Congenital Infections and Sexually Transmitted Diseases, Genital Infections II<br>M. Sönmezoğlu                              |            |             |                                |  |            |                                |             |
| 16.00-16.50 | <b>Lecture</b><br>Pathology of Urinary System Tumors<br>E. Hacıhasanoğlu               | <b>Group C</b>  | <b>Group B</b>   | <b>Lecture</b><br>Congenital Infections and Sexually Transmitted Diseases, Genital Infections III<br>M. Sönmezoğlu                             |            |             |                                | <b>Independent Learning</b>  |            | <b>ELECTIVE WEEK I</b>         |             |
| 17.00-17.50 | <b>Lecture</b><br>Congenital Anomalies of Urinary System<br>E. Hacıhasanoğlu           | <b>Group D</b>  | <b>Group A</b>   | <b>Independent learning</b>  |            |             |                                |  |            |                                |             |



**COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS**

**WEEK IV / 19 – 23 Feb 2024**

|                      | <b>Monday<br/>19-Feb-2024</b>   | <b>Tuesday<br/>20-Feb-2024</b>  | <b>Wednesday<br/>21-Feb-2024</b>  | <b>Thursday<br/>22-Feb-2024</b>  | <b>Friday<br/>23-Feb-2024</b>  |                             |
|----------------------|---|---|---|--|--|-----------------------------|
| <b>09.00- 09.50</b>  | <b>Lecture</b><br>Pathology of Glomerular Diseases I<br><b>E. Hacıhasanoğlu</b>               | <b>Lecture</b><br>Pathology of Ovary I<br><b>F. Özkan</b>                               | <b>Lecture</b><br>Benign Diseases of the Uterus and the Cervix<br><b>R. Attar</b> | <b>Program Improvement Session</b>   | <b>Lecture</b><br>Pathology of Cervix Uteri I<br><b>F. Özkan</b>   |                             |
| <b>10.00- 10.50</b>  | <b>Lecture</b><br>Pathology of Glomerular Diseases II<br><b>E. Hacıhasanoğlu</b>              | <b>Lecture</b><br>Pathology of Ovary II<br><b>F. Özkan</b>                              | <b>Lecture</b><br>Benign Diseases of the Ovary<br><b>R. Attar</b>                 | <b>Lecture</b><br>Malign Diseases of the Uterus and the Cervix<br><b>O. Ünal</b>         | <b>Lecture</b><br>Pathology of Cervix Uteri II<br><b>F. Özkan</b>  |                             |
| <b>11.00- 11.50</b>  | <b>Lecture</b><br>Pathology of Glomerular Diseases III<br><b>E. Hacıhasanoğlu</b>             | <b>Lecture</b><br>Pathology of Tubulointerstitial Disease I<br><b>E. Hacıhasanoğlu</b>  | <b>Lecture</b><br>Nephritic Syndrome<br><b>G. Kantarcı</b>                        | <b>Lecture</b><br>Malign Diseases of the Ovary<br><b>O. Ünal</b>                         | <b>Lecture</b><br>Chromosomal Disorders I<br><b>A. Ç. Kuşkucu</b>  |                             |
| <b>12.00- 12.50</b>  | <b>Lecture</b><br>Androgens & Anabolic Steroids<br><b>E. Genç</b>                             | <b>Lecture</b><br>Pathology of Tubulointerstitial Disease II<br><b>E. Hacıhasanoğlu</b> | <b>Lecture</b><br>Nephrotic Syndrome<br><b>G. Kantarcı</b>                        | <b>Lecture</b><br>Conditions Affecting Vulva & Vagina<br><b>O. Ünal</b>                  | <b>Lecture</b><br>Chromosomal Disorders II (Sex Chromosomes and their Abnormalities)<br><b>A. Ç. Kuşkucu</b> |                             |
| <b>12.50 – 14.00</b> | <b>LUNCH BREAK</b>  |   |   |  |  |                             |
| <b>14.00- 14.50</b>  | <b>Lecture</b><br>Delivery of Family Planning Services I<br><b>G. İzbirak/ D. Altıparmak</b>  | <b>ICP-CSL</b><br>(Clinical Breast Examination)<br><b>B.K. Aysal/M. Ersan/ E.Özer</b>   |   | <b>Lecture</b><br>Pathology of Uterus I<br><b>F. Özkan</b>                               | <b>ELECTIVE WEEK II</b>  | <b>Independent Learning</b> |
| <b>15.00- 15.50</b>  | <b>Lecture</b><br>Delivery of Family Planning Services II<br><b>G. İzbirak/ D. Altıparmak</b> | <b>Group A IL</b>   | <b>Group B IL</b>   | <b>Lecture</b><br>Pathology of Uterus II<br><b>F. Özkan</b>                              |  |                             |
| <b>16.00- 16.50</b>  | <b>Lecture</b><br>Renovascular Pathology<br><b>E. Hacıhasanoğlu</b>                           |   |   | <b>Lecture</b><br>The Kidney Systemic Disease and Inherited Disorders<br><b>A. Özkök</b> | <b>Independent Learning</b>  | <b>ELECTIVE WEEK II</b>     |
| <b>17.00-17.50</b>   | <b>Lecture</b><br>Renal Cystic Disease<br><b>E. Hacıhasanoğlu</b>                             |   |   | <b>Lecture</b><br>The Kidney Systemic Disease and Inherited Disorders<br><b>A. Özkök</b> |  |                             |

**COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS**

**WEEK V / 26 Feb – 1 Mar 2024**

|              | Monday<br>26-Feb-2024   | Tuesday<br>27-Feb-2024  | Wednesday<br>28-Feb-2024   | Thursday<br>29-Feb-2024   | Friday<br>1-Mar-2024  |                      |                         |   |                      |                         |
|--------------|---|---|--|---|---|----------------------|-------------------------|---|----------------------|-------------------------|
| 09.00- 09.50 | Lecture<br>Benign Prostatic<br>Hyperplasia-I<br>M. Yüksel                         | Lecture<br>Chronic Kidney Disease<br>A.Özkök                            | Independent Learning   | Lecture<br>Pathophysiology of Urinary<br>System Diseases I<br>M. Kaçar  | Independent Learning  |                      |                         |   |                      |                         |
| 10.00- 10.50 | Lecture<br>Benign Prostatic<br>Hyperplasia-II<br>M. Yüksel                        | Lecture<br>Chronic Kidney Disease<br>A.Özkök                            | Independent Learning   | Lecture<br>Pathophysiology of Urinary<br>System Diseases II<br>M. Kaçar | Independent Learning  |                      |                         |   |                      |                         |
| 11.00- 11.50 | Lecture<br>Urologic Emergencies<br>M. Yüksel                                      | Lecture<br>Estrogens, Progestines and<br>Inhibitors I<br>E. N. Özdamar  | Lecture<br>Acid/ Base Balance I<br>A.Özkök                               | Lecture<br>Pathology of Male Genital<br>System I<br>E. Hacıhasanoğlu    | Independent Learning  |                      |                         |   |                      |                         |
| 12.00- 12.50 | Lecture<br>Approach to the Patient<br>with Urinary Tract<br>Symptoms<br>M. Yüksel | Lecture<br>Estrogens, Progestines and<br>Inhibitors II<br>E. N. Özdamar | Lecture<br>Acid/ Base Balance II<br>A.Özkök                              | Lecture<br>Pathology of Male Genital<br>System II<br>E. Hacıhasanoğlu   | Independent Learning  |                      |                         |   |                      |                         |
| 12.50 -14.00 | LUNCH BREAK   |   |  |   |   |                      |                         |   |                      |                         |
| 14.00- 14.50 | ICP-CSL<br>Clinical Breast<br>Examination<br>B.K. Aysal/M. Ersan/<br>E.Özer       |   | ICP-CSL<br>Clinical Breast Examination<br>B.K. Aysal/M. Ersan/<br>E.Özer |   | Pathology<br>Laboratory<br>(Urinary<br>System)<br>E.<br>Hacıhasanoğlu | Group A              | Group B IL              | Lecture<br>Urologic Oncology I<br>M. Yüksel | ELECTIVE<br>WEEK III | Independent<br>Learning |
| 15.00- 15.50 | Group A<br>Small Group Study<br>SRPC  | Group B<br>ICP  | Group C & D<br>IL  | Group A IL  |   |                      |                         | Group B IL                                  |                      |                         |
| 16.00- 16.50 |   |   |  |   | Independent Learning  | Independent Learning | Independent<br>Learning |   | ELECTIVE<br>WEEK III |                         |
| 17.00-17.50  | Independent Learning  | Independent Learning  | Independent Learning   | Independent Learning  |   |                      |                         |   |                      |                         |

**COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS**

**WEEK VI / 4 – 8 Mar 2024**

|                     | <b>Monday<br/>4-Mar-2024</b>  | <b>Tuesday<br/>5-Mar-2024</b>  | <b>Wednesday<br/>6-Mar-2024</b>   | <b>Thursday<br/>7-Mar-2024</b>  | <b>Friday<br/>8-Mar-2024</b>  |
|---------------------|---|--|---|---|---|
| <b>09.00- 09.50</b> | <b>Independent Learning</b>   | <b>Lecture</b><br>Hypothalamic and Pituitary Hormones I<br><b>E. N. Özdamar</b>              | <b>Multidisciplinary Case Discussion Panel</b>                                    | <b>ICP-CSL</b><br>Physical Examination of the Newborn and Child Patient<br><b>Ç. Ayanoğlu / M. Berber</b> | <b>Lecture</b><br>Epidemiology, Prevention and Control of Type II Diabetes Mellitus<br><b>H. Taşyikan</b> |
| <b>10.00- 10.50</b> | <b>Pathology Laboratory (Urinary System)</b><br><b>E. Hacıhasanoğlu</b><br><b>Group B</b>             | <b>Lecture</b><br>Hypothalamic and Pituitary Hormones II<br><b>E. N. Özdamar</b>             | <b>Multidisciplinary Case Discussion Panel</b>                                    | <b>Group A ICP-CSL</b><br><b>Group B ICP-CSL</b><br><b>Group C IL</b><br><b>Group D IL</b>                | <b>Lecture</b><br>Reproductive, Maternal and Child Health II<br><b>H. A. Taşyikan</b>                     |
| <b>11.00- 11.50</b> | <b>Lecture</b><br>Phytotherapy-VII<br><b>E. Güzelmeriç</b>  | <b>Lecture</b><br>Relation Between Several Variables<br><b>Ç. Keleş</b>                      | <b>Lecture</b><br>Tubulointerstitial Diseases<br><b>A.Özkök</b>                   |   | <b>Lecture</b><br>Reproductive, Maternal and Child Health II<br><b>H. A. Taşyikan</b>                     |
| <b>12.00- 12.50</b> | <b>Lecture</b><br>Phytotherapy-VIII<br><b>E. Güzelmeriç</b>   | <b>Lecture</b><br>Transplantation of Kidney<br><b>C. Şahan</b>                               | <b>Lecture</b><br>Tubulointerstitial Diseases<br><b>A.Özkök</b>                   | <b>Independent Learning</b>   | <b>Lecture</b><br>Reproductive, Maternal and Child Health II<br><b>H. A. Taşyikan</b>                     |
| <b>12.50- 14.00</b> | <b>LUNCH BREAK</b>  |  |   |   |   |
| <b>14.00- 14.50</b> | <b>ICP-CSL</b><br>Clinical Breast Examination<br><b>B.K. Aysal/M. Ersan/ E.Özer</b>                   | <b>Lecture</b><br>Nephritic and Nephrotic Syndrome<br><b>C. Saf</b>                          | <b>Lecture</b><br>Genetic disorders of gonadal development<br><b>A. Ç. Kuşkuç</b> | <b>ICP-CSL</b><br>Physical Examination of the Newborn and Child Patient<br><b>Ç. Ayanoğlu / M. Berber</b> | <b>ELECTIVE COURSE WEEK IV</b>  |
| <b>15.00- 15.50</b> | <b>Group B Small Group Study SRPC</b><br><b>Group A ICP</b><br><b>Group C IL</b><br><b>Group D IL</b> | <b>Lecture</b><br>General Approach to the Pregnant Woman<br><b>G. İzbirak/ D. Altıparmak</b> | <b>Lecture</b><br>Genetic disorders of gonadal development<br><b>A. Ç. Kuşkuç</b> | <b>Group A IL</b><br><b>Group B IL</b><br><b>Group C ICP-CSL</b><br><b>Group D ICP-CSL</b>                | <b>Independent Learning</b>   |
| <b>16.00- 16.50</b> |   | <b>Lecture</b><br>Pathology of Bladder<br><b>E. Hacıhasanoğlu</b>                            | <b>Independent Learning</b>   |   | <b>ELECTIVE COURSE WEEK IV</b>  |
| <b>17.00-17.50</b>  | <b>Independent Learning</b>   | <b>Lecture</b><br>Pathology of Pregnancy & Placenta<br><b>F. Özkan</b>                       | <b>Independent Learning</b>   | <b>Independent Learning</b>   | <b>Independent Learning</b>   |

**COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS**

**WEEK VII / 11 – 15 Mar 2024**

| WEEK VII/ 11 – 15 Mar 2024 |                       |                        |                          |                         |                         |                         |
|----------------------------|-----------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
|                            | Monday<br>11-Mar-2024 | Tuesday<br>12-Mar-2024 | Wednesday<br>13-Mar-2024 | Thursday<br>14-Mar-2024 | Friday<br>15-Mar-2024   |                         |
| 09.00- 09.50               | Independent Learning  | Independent Learning   | Independent Learning     | NATIONAL DOCTORS' DAY   | 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     | NATIONAL DOCTORS' DAY   | ELECTIVE<br>WEEK V      | Independent<br>Learning |
| 15.00- 15.50               |                       |                        |                          |                         |                         |                         |
| 16.00- 16.50               |                       |                        |                          |                         | Independent<br>Learning | ELECTIVE<br>WEEK V      |
| 17.00-17.50                |                       |                        |                          |                         |                         |                         |

# COMMITTEE V - NERVOUS SYSTEM AND PSYCHIATRY

## DISTRIBUTION of LECTURE HOURS

March 18, 2024 – May 3, 2024

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    | 2GrX2H     | 0                      | 0          | 17    |
|         | NEUROLOGY                                  | NR      | 14    | 2GrX2H     | 0                      | 0          | 16    |
|         | PHARMACOLOGY                               | PC      | 17    | 0          | 0                      | 0          | 17    |
|         | PATHOLOGY                                  | PT      | 11    | 2GrX1H     | 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     |
|         | GENERAL SURGERY                            | GS      | 1     | 0          | 0                      | 0          | 1     |
|         | INTERDISCIPLINARY (NRS,NR,PCH)             | MCDP    | 0     | 0          | 0                      | 2          | 2     |
|         | SCIENTIFIC RESEARCH and PROJECT COURSE-III | SRPC    | 0     | 0          | 4Grx2H                 | 0          | 2     |
|         | <b>TOTAL</b>                               |         | 101   | 5          | 2                      | 2          | 110   |
| MED 303 | INTRODUCTION to CLINICAL PRACTICE III      | ICP III | 0     | 4GrX6H     |                        |            | 6     |
|         | <b>INDEPENDENT LEARNING HOURS</b>          |         |       |            |                        |            | 89    |

### Coordination Committee

|                  |  |
|------------------|--|
| <b>HEAD</b>      | Okan Taycan, MD, Assoc. Prof.          |
| <b>SECRETARY</b> | Erdem Söztutar, MD, Assist. Prof.      |
| <b>MEMBER</b>    | Özge Yabaş Kızıloğlu, MD, Assoc. Prof. |
| <b>MEMBER</b>    | Okan Taycan, MD, Assoc. Prof.          |
| <b>MEMBER</b>    | Yüksel Dede, MD                        |

## COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY LECTURERS

| MED 302 INTRODUCTION to CLINICAL SCIENCES  |  |
|--|--|
| DISCIPLINE                                 | LECTURERS  |
| NEUROLOGY                                  | Berrin Aktekin, MD, Prof.<br>Rana Karabudak, MD, Prof.<br>Halide Rengin Bilgen, MD, Assist. Prof.<br>Yüksel Dede, MD       |
| PSYCHIATRY                                 | Hakan Atalay, MD, Assoc. Prof.<br>Okan Taycan, MD, Assoc. Prof.<br>Serhat Tunç, MD, Assoc. Prof.                           |
| CHILD PSYCHIATRY                           | Oğuzhan Zahmacioğlu, MD, Assoc. Prof   |
| NEUROSURGERY                               | M.Gazi Yaşargil, MD, Prof.<br>Uğur Türe, MD, Prof.<br>Ahmet Hilmi Kaya, MD, Prof.<br>Aikaterini Panteli, MD, Assist. Prof. |
| PATHOLOGY                                  | Aydın Sav, MD, Prof.   |
| PATHOPHYSIOLOGY                            | Mehtap Kaçar, MD, PhD, Prof.   |
| PHARMACOLOGY                               | Ece Genç, PhD, Prof.<br>Emine Nur Özdamar, MD, Assist. Prof.<br>Cenk Andaç, PhD, Assist. Prof.                             |
| PEDIATRICS                                 | Manolya Kara, MD, Assoc. Prof.<br>Mustafa Berber, MD, Assist. Prof.<br>Fulya Coşkunol, MD                                  |
| PUBLIC HEALTH                              | Hale Arık Taşyikan, MD, Assist. Prof.  |
| FAMILY MEDICINE                            | Güldal İzbirak, MD, Prof.<br>Tümay Sadıkoğlu, Assist. Prof.  |
| RADIOLOGY                                  | Gazanfer Ekinci, MD, Prof.   |
| MEDICAL GENETICS                           | Ayşegül Çınar Kuşkucu, MD, Assist. Prof.   |
| INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY | Meral Sönmezoğlu, MD, Prof.  |
| OPHTHALMOLOGY                              | Özge Yabaş Kızıloğlu, MD, Assoc. Prof.   |
| BIostatISTICS                              | Çiğdem Keleş, PhD, Assist. Prof.   |
| EMERGENCY MEDICINE                         | Emin Gökhan Gencer, MD, Assist. Prof.  |
| IMMUNOLOGY                                 | Gülderen Yanıkkaya Demirel, MD, PhD, Prof.   |
| GENERAL SURGERY                            | Alper Kurt, MD   |
| OTHER COURSES                              |  |
| DISCIPLINE                                 | LECTURERS  |
| SCIENTIFIC RESEARCH and PROJECT COURSE-III | Aylin Yaba Uçar, PhD, Prof.(Responsible Faculty Member)<br>Hale Arık Taşyikan, MD, Assist Prof.                            |

| MED 303 INTRODUCTION to CLINICAL PRACTICE III |   |
|---|---|
| DISCIPLINE                                    | LECTURERS   |
| CLINICAL SKILLS LAB                           | Okan Taycan, MD, Prof.<br>Oğuzhan Zahmacioğlu, MD, Assoc. Prof.<br>Hakan Atalay, MD, Assoc. Prof.<br>Serhat Tunç, MD, Assoc. Prof.<br>Halide Rengin Bilgen Akdeniz, MD, Assist. Prof.<br>Alper Kurt, MD |

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## **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              | 15                        | 5  | 5  | 25    |
|   |            | E. N. Özdamar        |                           |    |    |       |
|   |            | C. Andaç             |                           |    |    |       |
| 1 – 6   | NRS        | M.G. Yaşargil        | 13                        | 5  | 5  | 23    |
|   |            | U. Türe              |                           |    |    |       |
|   |            | A.H. Kaya            |                           |    |    |       |
|   |            | A. Panteli           |                           |    |    |       |
| 1 – 6   | NR         | B. Aktekin           | 12                        | 4  | 4  | 20    |
|   |            | R. Karabudak         |                           |    |    |       |
|   |            | H. R. Bilgen Akdeniz |                           |    |    |       |
|   |            | Y. Dede              |                           |    |    |       |
| 1 – 6   | PCH        | O. Taycan            | 10                        | 4  | 4  | 18    |
|   |            | S. Tunç              |                           |    |    |       |
|   |            | H. Atalay            |                           |    |    |       |
| 2   | PT         | A. Sav               | 10                        | 3  | 3  | 16    |
| 1 – 6   | PED        | M. Berber            | 3                         | 1  | 1  | 5     |
|   |            | F. Coşkunol          |                           |    |    |       |
|   |            | M. Kara              |                           |    |    |       |
| 5   | IMM        | G. Y. Demirel        | 2                         | 1  | 1  | 4     |
| 3 – 4   | PH         | H.A Taşyikan         | 3                         | 1  | 1  | 5     |
| 6   | FM         | G. İzbirak           | 3                         | 1  | 1  | 5     |
| 9   | BS         | Ç. Keleş             | 3                         | 1  | 1  | 5     |
| 8   | MG         | A.Ç. Kuşkuçcu        | 3                         | 1  | 1  | 5     |
| 1 – 6   | C-PCH      | O. Zahmacıoğlu       | 3                         | 1  | 1  | 5     |
| 1 – 6   | OPT        | Ö. Yabaş Kızıloğlu   | 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     |
| 5   | GS         | A.Kurt               | 1                         | 0  | 0  | 1     |
| TOTAL   |            |                      | 90                        | 31 | 31 | 152   |
| LEARNING OBJECTIVE  | DISCIPLINE | LECTURER/INSTRUCTOR  | NUMBER of QUESTIONS (EMQ) |    |    |       |
|   |            |                      | CE                        | FE | IE | Total |
| 1 – 6   | NR         | B. Aktekin           | 2                         | -  | -  | 2     |
| 1 – 6   | PCH        | H. Atalay/ O. Taycan | 2                         | -  | -  | 2     |
| 1 – 6   | NRS        | U. Türe              | 1                         | -  | -  | 1     |
| TOTAL   |            |                      | 5                         | -  | -  | 5     |

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

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

#### **Abbreviations**

**MCQ:** Multiple Choice Question

**EMQ:** Extending Matching Question

**CE:** Committee Exam

**CS:** Committee Score

**FE:** Final Exam

**ICE:** Incomplete Exam

**pts:** Points



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

**COMMITTEE V - NERVOUS SYSTEM and PYSCHIATRY**  
**WEEK I / 18 – 22 Mar 2024**

|               | Monday<br>18-Mar-2024   | Tuesday<br>19-Mar-2024   | Wednesday<br>20-Mar-2024   | Thursday<br>21-Mar-2024  | Friday<br>22-Mar-2024  |                         |
|---------------|---|--|--|--|--|-------------------------|
| 09.00- 09.50  | Lecture<br>Signs and Symptoms in<br>Neurology<br>B. Aktekin             | Lecture<br>Pathology of Myelin & Neuronal<br>Storage Diseases I<br>A. Sav    | Independent Learning   | Independent Learning   | Lecture<br>Pharmacological Approach to<br>Parkinsonism & Other Movement<br>Disorders I<br>E. Genç  |                         |
| 10.00- 10.50  | Lecture<br>Cranial Nerves I<br>B. Aktekin                               | Lecture<br>Pathology of Myelin & Neuronal<br>Storage Diseases II<br>A. Sav   | Lecture<br>Clinical Presentation, Anatomic<br>Concepts and Diagnosis in a<br>Neurosurgical Patient<br>A. Panteli | Lecture<br>Surgical Neuroanatomy<br>U. Türe                                | Lecture<br>Pharmacological Approach to<br>Parkinsonism & Other Movement<br>Disorders II<br>E. Genç |                         |
| 11.00- 11.50  | Lecture<br>Cranial Nerves II<br>B. Aktekin                              | Lecture<br>Developmental Disorders of CNS<br>A. Sav                          | Lecture<br>Spinal Trauma in Neurosurgery<br>A. Panteli   | Lecture<br>Cerebrovascular Diseases in<br>Neurosurgery I<br>U. Türe        | Lecture<br>Headache in Neurologic Patient<br>Y. Dede   |                         |
| 12.00- 12.50  | Lecture<br>Epilepsy<br>B. Aktekin                                       | Lecture<br>Introduction to Central Nervous<br>System Pharmacology<br>E. Genç | Lecture<br>Cranial Trauma in Neurosurgery<br>A. Panteli  | Lecture<br>Cerebrovascular Diseases in<br>Neurosurgery II<br>U. Türe       | Lecture<br>Extrapyramidal System Disorders<br>Y. Dede  |                         |
| 12.50 – 14.00 | LUNCH BREAK   |  |  |  |  |                         |
| 14.00- 14.50  | Lecture<br>Peripheral Nerve Disorders<br>B. Aktekin                     | Introduction to Neuroimmunology<br>R. Karabudak                              | Lecture<br>Public Health and Aging I<br>H. Taşyikan  | Lecture<br>Intracranial Tumors I<br>M. Gazi Yaşargil                       | ELECTIVE<br>WEEK VI  | Independent<br>Learning |
| 15.00- 15.50  | Lecture<br>Pathophysiology of Nervous<br>System Diseases I<br>M. Kaçar  | Lecture<br>Demyelinating Disorders I<br>R. Karabudak                         | Lecture<br>Public Health and Aging II<br>H. Taşyikan   | Lecture<br>Intracranial Tumors II<br>M. Gazi Yaşargil                      |  |                         |
| 16.00- 16.50  | Lecture<br>Pathophysiology of Nervous<br>System Diseases II<br>M. Kaçar | Lecture<br>Demyelinating Disorders II<br>R. Karabudak                        | Lecture<br>Neuroimmunological Disorders<br>G. Yanıkkaya Demirel  | Lecture<br>Culture, Health and Illness<br>H. Taşyikan                      | Independent<br>Learning  | ELECTIVE<br>WEEK VI     |
| 17.00-17.50   | Independent Learning  | Lecture<br>Approach to Intoxicated Patient<br>E. G.Gencer                    | Lecture<br>Neuroimmunological Disorders<br>G. Yanıkkaya Demirel  | Lecture<br>Behavioral Determinants of<br>Health and Disease<br>H. Taşyikan |  |                         |

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 PSYCHIATRY**  
**WEEK II / 25 – 29 Mar 2024**

|               | Monday<br>25-Mar-2024  | Tuesday<br>26-Mar-2024  | Wednesday<br>27-Mar-2024                                      | Thursday<br>28-Mar-2024   | Friday<br>29-Mar-2024                    |  |
|---------------|--|---|---|---|--|--|
| 09.00- 09.50  | <b>Lecture</b><br>Hydrocephalus<br>A. H. Kaya  | <b>Lecture</b><br>Bipolar Disease & Lithium<br>E. N. Özdamar                  | Independent Learning  | OSCE EXAM   | OSCE EXAM                                |  |
| 10.00- 10.50  | <b>Lecture</b><br>Functional Neurosurgery<br>A. H. Kaya                                      | <b>Lecture</b><br>Antipsychotic Drugs<br>E. N. Özdamar                        |   |   |  |  |
| 11.00- 11.50  | <b>Lecture</b><br>Spinal Cord Compression<br>and Spinal Tumors<br>A. H. Kaya                 | <b>Lecture</b><br>Paralytic Strabismus and<br>Nistagmus<br>Ö. Yabaş Kızıloğlu |   |   |  |  |
| 12.00- 12.50  | <b>Lecture</b><br>Degenerative Diseases of<br>the Spine and the Spinal<br>Cord<br>A. H. Kaya | <b>Lecture</b><br>Conventional Neuroradiological<br>Examinations<br>G.Ekinci  |   |   |  |  |
| 12.50 – 14.00 | LUNCH BREAK  |   |   |   |  |  |
| 14.00- 14.50  | <b>Lecture</b><br>Neurodegenerative<br>Disorders I<br>A. Sav                                 | <b>Lecture</b><br>Infectious Disease of the Nervous<br>System<br>M. Kara      | <b>Lecture</b><br>Cerebrovascular Disease<br>Y. Dede          | <b>Lecture</b><br>Cranial Trauma & Intracranial<br>Hemorrhage I<br>A. Sav   | ELECTIVE<br>WEEK VII–<br>MIDTERM<br>EXAM | Independent<br>Learning                  |
| 15.00- 15.50  | <b>Lecture</b><br>Neurodegenerative<br>Disorders II<br>A. Sav                                | <b>Lecture</b><br>Neurodegenerative Disorders<br>F. Coşkunol                  | <b>Lecture</b><br>Cerebral Malformations<br>F. Coşkunol       | <b>Lecture</b><br>Cranial Trauma & Intracranial<br>Hemorrhage II<br>A. Sav  |  |  |
| 16.00- 16.50  | Independent Learning   | Independent Learning  | <b>Lecture</b><br>Mental and Motor Development<br>F. Coşkunol | <b>Lecture</b><br>Cerebral Lobes and their Disorders<br>H.R. Bilgen Akdeniz | Independent<br>Learning                  | ELECTIVE<br>WEEK VII–<br>MIDTERM<br>EXAM |
| 17.00-17.50   | Independent Learning   | Independent Learning  | Independent Learning  | <b>Lecture</b><br>Dementia<br>H.R. Bilgen Akdeniz                           |  |  |

**COMMITTEE V - NERVOUS SYSTEM and PYSCHIATRY**  
**WEEK III / 1 – 5 Apr 2024**

|               | Monday<br>1-Apr-2024  | Tuesday<br>2-Apr-2024  |                      |         | Wednesday<br>3-Apr-2024  |         |   |         | Thursday<br>4-Apr-2024  |            |                |                                      | Friday<br>5-Apr-2024                      |               |   |         |
|---------------|---|--|----------------------|---------|--|---------|---|---------|---|------------|----------------|--------------------------------------|---|---------------|---|---------|
| 09.00- 09.50  | Lecture<br>Tumors of CNS I<br>A. Sav                          | Pathology<br>Laboratory<br>(Nervous<br>System)<br>A Sav.                       | Group A              | Group B | Neurosurgery<br>Clinical<br>Training<br>A. H. Kaya<br>A.Panteli                        |         | Neurology<br>Clinical<br>Training<br>H.R. Bilgen<br>Akdeniz |         | ICP-CSL<br>Neurological Examination &<br>Psychiatric Examination<br>H. R. Bilgen Akdeniz /<br>O. Taycan / O. Zahmacioğlu /<br>H. Atalay |            |                |                                      | Neurology<br>Clinical Training<br>Y. Dede |               | Neurosurgery<br>Clinical<br>Training<br>A. H. Kaya<br>A.Panteli |         |
| 10.00- 10.50  | Lecture<br>Tumors of CNS II<br>A. Sav                         | Lecture<br>Antiepileptics<br>E. Genç   |                      |         | Group A  | Group B | Group C   | Group D | Group A IL  | Group B IL | Group C<br>ICP | Group D<br>Small Group Study<br>SRPC | Group A<br>IL                             | Group B<br>IL | Group C   | Group D |
| 11.00- 11.50  | Lecture<br>Introduction to Psychiatry<br>O. Taycan            | Lecture<br>Genetic Etiology of Mental<br>Retardation I<br>A. Ç. Kuşkucu        |                      |         | Independent Learning   |         |   |         |   |            |                |                                      | Independent Learning                      |               |   |         |
| 12.00- 12.50  | Lecture<br>Psychiatric Interview, History<br>O. Taycan        | Lecture<br>Genetic Etiology of Mental<br>Retardation II<br>A. Ç. Kuşkucu       |                      |         | Lecture<br>Approach to Smoking Patient in<br>Primary Care<br>G. İzbirak/ D. Altıparmak |         |   |         | Independent Learning  |            |                |                                      | Independent Learning                      |               |   |         |
| 12.50 – 14.00 | LUNCH BREAK   |  |                      |         |  |         |   |         |   |            |                |                                      |   |               |   |         |
| 14.00- 14.50  | Lecture<br>Mood Disorders I<br>H. Atalay                      | Lecture<br>Diseases of Optic Nerves and<br>Visual Fields<br>Ö. Yabaş Kızıloğlu |                      |         | Lecture<br>Neurosurgical Infections<br>A. Panteli                                      |         |   |         | Independent Learning  |            |                |                                      | ELECTIVE<br>WEEK VIII                     |               | Independent<br>Learning   |         |
| 15.00- 15.50  | Lecture<br>Mood Disorders II<br>H. Atalay                     | Lecture<br>Pupilla<br>Ö. Yabaş Kızıloğlu                                       |                      |         | Lecture<br>Pediatric Neurosurgery<br>A. Panteli  |         |   |         | Independent Learning  |            |                |                                      |   |               |   |         |
| 16.00- 16.50  | Lecture<br>Anxiety Disorders:<br>An Introduction<br>H. Atalay | Lecture<br>Neurological Emergencies<br>R. Bilgen                               |                      |         | Lecture<br>Peripheral Nerve Compression<br>Sydromes<br>A. Panteli                      |         |   |         | Independent Learning  |            |                |                                      | Independent<br>Learning                   |               | ELECTIVE<br>WEEK VIII   |         |
| 17.00-17.50   | Independent Learning  |  | Independent Learning |         | Independent Learning   |         |   |         | Independent Learning  |            |                |                                      |   |               |   |         |

**COMMITTEE V - NERVOUS SYSTEM and PYSCHIATRY**  
**WEEK IV / 8 – 12 Apr 2024**

| WEEK IV / 8 – 12 Apr 2024 |                      |                       |                          |                         |                       |
|---------------------------|----------------------|-----------------------|--------------------------|-------------------------|-----------------------|
|                           | Monday<br>8-Apr-2024 | Tuesday<br>9-Apr-2024 | Wednesday<br>10-Apr-2024 | Thursday<br>11-Apr-2024 | Friday<br>12-Apr-2024 |
| 09.00- 09.50              | Independent Learning | Independent Learning  | RAMADAN FEAST            | RAMADAN FEAST           | RAMADAN FEAST         |
| 10.00- 10.50              | Independent Learning | Independent Learning  |                          |                         |                       |
| 11.00- 11.50              | Independent Learning | Independent Learning  |                          |                         |                       |
| 12.00- 12.50              | Independent Learning | Independent Learning  |                          |                         |                       |
| 12.50 – 14.00             | LUNCH BREAK          |                       |                          |                         |                       |
| 14.00- 14.50              | Independent Learning | RAMADAN FEAST         | RAMADAN FEAST            | RAMADAN FEAST           | RAMADAN FEAST         |
| 15.00- 15.50              | Independent Learning |                       |                          |                         |                       |
| 16.00- 16.50              | Independent Learning |                       |                          |                         |                       |
| 17.00-17.50               | Independent Learning |                       |                          |                         |                       |

**COMMITTEE V - NERVOUS SYSTEM AND PSYCHIATRY**  
**WEEK V / 15 – 19 Apr 2024**

|               | Monday<br>15-Apr-2024   | Tuesday<br>16-Apr-2024   | Wednesday<br>17-Apr-2024                              | Thursday<br>18-Apr-2024  | Friday<br>19-Apr-2024   |                      |
|---------------|---|--|---|--|---|----------------------|
| 09.00- 09.50  | Lecture<br>Antimigraine Drugs<br>E. N. Özdamar                    | Lecture<br>Introduction to Child and Adolescent Psychiatry<br>O. Zahmacioğlu                             | Lecture<br>Depression in Primary Care<br>T.Sadıkoğlu  | Lecture<br>Mental Development in Childhood and Adolescence<br>O. Zahmacioğlu   | Lecture<br>Local Anesthetics<br>E. Genç                                   |                      |
| 10.00- 10.50  | Lecture<br>Psychiatric Epidemiology and Classification<br>S. Tunç | Lecture<br>Common Childhood Psychiatric Problems<br>O. Zahmacioğlu                                       | Multidisciplinary Case Discussion Panel               | ICP-CSL<br>Neurological Examination & Psychiatric Examination<br>H. R. Bilgen Akdeniz / O. Taycan / O. Zahmacioğlu / H. Atalay | Lecture<br>General Anesthetics<br>E. Genç                                 |                      |
| 11.00- 11.50  | Lecture<br>Analysis of Survival Studies I<br>Ç. Keleş             | Lecture<br>Developmental Psychopathology: Risk and Protective Factors in Mental Development<br>O. Taycan | Multidisciplinary Case Discussion Panel               | Group A ICP<br>Group B Small Group Study<br>Group C IL<br>Group D IL   | Lecture<br>Acute and Chronic Meningitis, Encephalitis I<br>M. Sönmezoğlu  |                      |
| 12.00- 12.50  | Lecture<br>Analysis of Survival Studies II<br>Ç. Keleş            | Lecture<br>Signs and Symptoms in Psychiatry<br>O. Taycan   | Lecture<br>General Physical Examination<br>A.Kurt     |  | Lecture<br>Acute and Chronic Meningitis, Encephalitis II<br>M. Sönmezoğlu |                      |
| 12.50 – 14.00 | LUNCH BREAK   |  |   |  |   |                      |
| 14.00- 14.50  | Lecture<br>Infectious Diseases of CNS I<br>A. Sav                 | Lecture<br>Schizophrenia Spectrum and Other Psychotic Disorders I<br>O. Taycan                           | ICP-CSL<br>General Physical Examination<br>A.Kurt     |  | ELECTIVE WEEK IX  | Independent Learning |
| 15.00- 15.50  | Lecture<br>Infectious Diseases of CNS II<br>A. Sav                | Lecture<br>Schizophrenia Spectrum and Other Psychotic Disorders II<br>O. Taycan                          | Group A ICP<br>Group B IL<br>Group C IL<br>Group D IL | Lecture<br>Design of Survival Studies<br>Ç. Keleş  |   |                      |
| 16.00- 16.50  | Lecture<br>CNS Stimulants and Hallusinogenic Drugs<br>C. Andaç    | Lecture<br>Sedative / Hypnotic Drugs I<br>E. Genç  |   | Lecture<br>Opioid Analgesics & Antagonists I<br>E. Genç  | Independent Learning  | ELECTIVE WEEK IX     |
| 17.00-17.50   | Independent Learning  | Lecture<br>Sedative / Hypnotic Drugs II<br>E. Genç   | Independent Learning                                  | Independent Learning   |   |                      |

**COMMITTEE V - NERVOUS SYSTEM AND PSYCHIATRY**  
**WEEK VI / 22 – 26 Apr 2024**

|               | Monday<br>22-Apr-2024   | Tuesday<br>23-Apr-2024 | Wednesday<br>24-Apr-2024   | Thursday<br>25-Apr-2024 | Friday<br>26-Apr-2024  |             |   |             |                         |            |
|---------------|---|------------------------|--|-------------------------|--|-------------|---|-------------|-------------------------|------------|
| 09.00- 09.50  | Independent Learning  | NATIONAL HOLIDAY       | ICP-CSL<br>General Physical Examination<br>A.Kurt  |                         | ICP-CSL<br>Neurological Examination &<br>Psychiatric Examination<br>H. R. Bilgen Akdeniz /<br>O. Taycan / O. Zahmacioğlu / H. Atalay |             | ICP-CSL<br>General Physical Examination<br>A.Kurt |             |                         |            |
| 10.00- 10.50  | Lecture<br>Approach to the Patient with<br>Dementia in Primary Care<br>T. Sadıkoğlu |                        | Group A IL   | Group B IL              | Group C IL   | Group D ICP | Group A IL  | Group B IL  | Group C ICP             | Group D IL |
| 11.00- 11.50  | Lecture<br>Drug Dependence & Abuse<br>C. Andaç                                      |                        | Independent Learning   |                         | Independent Learning   |             | Independent Learning                              |             |                         |            |
| 12.00- 12.50  | Lecture<br>The Alcohols<br>C. Andaç   |                        | Independent Learning   |                         | Independent Learning   |             | Independent Learning                              |             |                         |            |
| 12.50 – 14.00 | LUNCH BREAK   |                        |  |                         |  |             |   |             |                         |            |
| 14.00- 14.50  | Lecture<br>Neuroscience I<br>H. Atalay  | NATIONAL HOLIDAY       | ICP-CSL<br>Neurological Examination &<br>Psychiatric Examination<br>H. R. Bilgen Akdeniz /<br>O. Taycan / O. Zahmacioğlu / H. Atalay |                         | ICP-CSL<br>General Physical Examination<br>A.Kurt  |             | ELECTIVE<br>WEEK X                                |             | Independent<br>Learning |            |
| 15.00- 15.50  | Lecture<br>Neuroscience II<br>H. Atalay   |                        | Group A<br>Small Group<br>Study  | Group B<br>ICP          | Group C IL   | Group D IL  | Group A IL  | Group B ICP | Group C IL              | Group D IL |
| 16.00- 16.50  | Lecture<br>Genetic Aspects of Psychiatric<br>Disorders<br>A. Ç. Kuşkucu             |                        | Independent Learning   |                         | Independent Learning   |             | Independent<br>Learning                           |             | ELECTIVE<br>WEEK X      |            |
| 17.00-17.50   | Lecture<br>Antidepressant Drugs<br>E. N. Özdamar                                    |                        | Independent Learning   |                         | Independent Learning   |             |   |             |                         |            |

**COMMITTEE V - NERVOUS SYSTEM AND PYSCHIATRY**  
**WEEK VII / 29 Apr – 3 May 2024**

|               | Monday<br>29-Apr-2024 | Tuesday<br>30-Apr-2024 | Wednesday<br>1-May-2024 | Thursday<br>2-May-2024 | Friday<br>3-May-2024   |                         |
|---------------|-----------------------|------------------------|-------------------------|------------------------|--|-------------------------|
| 09.00- 09.50  | Independent Learning  | Independent Learning   | LABOR DAY               | Independent Learning   | Independent Learning   |                         |
| 10.00- 10.50  |                       |                        |                         |                        | COMMITTEE EXAM   |                         |
| 11.00- 11.50  |                       |                        |                         |                        |  |                         |
| 12.00- 12.50  |                       |                        |                         |                        | Program Evaluation Session<br>Committee V<br>Coordination Committee<br>Members |                         |
| 12.50 – 14.00 | LUNCH BREAK           |                        |                         |                        |  |                         |
| 14.00- 14.50  | Independent Learning  | Independent Learning   | LABOR DAY               | Independent Learning   | ELECTIVE<br>WEEK XI  | Independent<br>Learning |
| 15.00- 15.50  |                       |                        |                         |                        | Independent<br>Learning  | ELECTIVE<br>WEEK XI     |
| 16.00- 16.50  |                       |                        |                         |                        |  |                         |
| 17.00-17.50   |                       |                        |                         |                        |  |                         |



## COMMITTEE VI - MUSCULOSKELETAL SYSTEM

### DISTRIBUTION of LECTURE HOURS

May 6, 2024 – June 7, 2024

COMMITTEE DURATION: 5 WEEKS

| COURSES |  |         |       |            |                        |            |            |
|---------|--|---------|-------|------------|------------------------|------------|------------|
|         | INTRODUCTION to CLINICAL SCIENCES          | ABBR.   | THEO. | PRAC./LAB. | SMALL GROUP DISCUSSION | DISCUSSION | TOTAL      |
|         | DISCIPLINE/COMPONENTS                      |         |       |            |                        |            |            |
| MED 302 | ORTHOPAEDICS & TRAUMATOLOGY                | ORT     | 19    | 0          | 0                      | 0          | 19         |
|         | PATHOLOGY                                  | PT      | 13    | 2Gx1H      | 0                      | 0          | 14         |
|         | RHEUMATOLOGY                               | RHE     | 9     | 0          | 0                      | 0          | 9          |
|         | PHARMACOLOGY                               | PC      | 5     | 0          | 0                      | 0          | 5          |
|         | PHYSICAL MEDICINE AND REHABILITATION       | PMR     | 5     | 0          | 0                      | 0          | 5          |
|         | 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 (ORT, RHE, PMR)          | MCDP    | 0     | 0          | 0                      | 2          | 2          |
|         | SCIENTIFIC RESEARCH and PROJECT COURSE-III | SRPC    | 0     | 0          | 4GrX4H                 | 0          | 4          |
|         | <b>TOTAL</b>                               |         | 67    | 1          | 4                      | 2          | 74         |
| MED 303 | INTRODUCTION to CLINICAL PRACTICE III      | ICP III |       | 4GrX6H     |                        |            | 6          |
|         | <b>INDEPENDENT LEARNING</b>                |         |       |            |                        |            | <b>103</b> |

### Coordination Committee

|                  |  |
|------------------|--|
| <b>HEAD</b>      | Müge Bıçakçığıl Kalaycı, MD, Assoc. Prof     |
| <b>SECRETARY</b> | Yeşim Özarda, MD, Prof.                      |
| <b>MEMBER</b>    | Burak Çağrı Aksu, MD, Assist. Prof.          |
| <b>MEMBER</b>    | Kübra Neslihan Kurt Oktay, MD, Assist. Prof. |
| <b>MEMBER</b>    | Didem Seven, PhD, Instructor                 |

**COMMITTEE VI - MUSCULOSKELETAL SYSTEM**  
**LECTURERS**

| <b>MED 302 INTRODUCTION to CLINICAL SCIENCES</b> |   |
|--|---|
| <b>DISCIPLINE</b>                                | <b>FACULTY</b>  |
| ORTHOPAEDICS & TRAUMATOLOGY                      | Gökhan Meriç, MD, Prof.<br>Hasan Bombacı, MD, Prof.<br>Budak Akman, MD, Assoc. Prof.<br>Burak Çağrı Aksu, MD, Assist. Prof.<br>Ömer Yonga, MD |
| PHYSICAL MEDICINE AND REHABILITATION             | Kübra Neslihan Kurt Oktay, MD, Assist. Prof.  |
| RHEUMATOLOGY                                     | Müge Bıçakçığıl Kalaycı, MD, Prof   |
| PATHOLOGY  | Aydın Sav, MD, Prof.<br>Ferda Özkan, MD, Prof.  |
| PATHOPHYSIOLOGY                                  | Mehtap Kaçar, MD, PhD, Prof.  |
| PHARMACOLOGY                                     | Ece Genç, PhD, Prof.<br>Emine Nur Özdamar, MD, Assist. Prof   |
| IMMUNOLOGY                                       | Gülderen Yanıkkaya Demirel, MD, PhD, Prof.  |
| PUBLIC HEALTH                                    | Hale Arık Taşyikan, MD, Assist. Prof  |
| MEDICAL GENETICS                                 | Ayşegül Çınar Kuşkucu, MD, Assoc. Prof.   |
| RADIOLOGY  | Neslihan Taşdelen, MD, Assoc. Prof.   |
| EMERGENCY MEDICINE                               | Sezgin Sarıkaya, MD, Prof.<br>Pınar Tura, MD, Prof.   |
| BIOSTATISTICS                                    | Çiğdem Keleş, PhD, Assist. Prof.  |
| <b>OTHER COURSES</b>                             |   |
| <b>DISCIPLINE</b>                                | <b>LECTURERS</b>  |
| SCIENTIFIC RESEARCH and PROJECT COURSE-III       | Aylin Yaba Uçar, PhD, Prof.(Responsible Faculty Member)<br>Hale Arık Taşyikan, MD, Assist Prof.   |

| <b>MED 303 INTRODUCTION to CLINICAL PRACTICE III</b> |  |
|--|--|
| <b>DISCIPLINE</b>                                    | <b>LECTURERS</b>   |
| CLINICAL SKILLS LAB                                  | Gökhan Meriç, MD, Prof.<br>Bilge Kağan Aysal, MD, Assoc. Prof.<br>Burak Çağrı Aksu, MD, Assist. Prof.<br>Mert Ersan, MD<br>Emre Özer, 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**

| <b>PHASE III</b><br><b>COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES</b><br><b>COURSE COMPONENT: COMMITTEE VI - MUSCULOSKELETAL SYSTEM</b> |                   |                              |                                  |           |           |              |
|--|-------------------|------------------------------|----------------------------------|-----------|-----------|--------------|
| <b>QUESTION DISTRIBUTION TABLE</b>   |                   |                              |                                  |           |           |              |
| <b>LEARNING OBJECTIVE</b>  | <b>DISCIPLINE</b> | <b>LECTURER/ INSTRUCTOR</b>  | <b>NUMBER of QUESTIONS (MCQ)</b> |           |           |              |
|  |                   |                              | <b>CE</b>                        | <b>FE</b> | <b>IE</b> | <b>Total</b> |
| 1-6  | ORT               | B. Ç. Aksu                   | 25                               | 6         | 6         | 37           |
|  |                   | B.Akman                      |                                  |           |           |              |
|  |                   | G. Meriç                     |                                  |           |           |              |
|  |                   | Ö.Yonga                      |                                  |           |           |              |
|  |                   | H. Bombacı                   |                                  |           |           |              |
| 2  | PT                | F. Özkan                     | 17                               | 4         | 4         | 25           |
|  |                   | A. Sav                       |                                  |           |           |              |
| 1-6  | RHE               | M. Bıçakçığıl Kalaycı        | 12                               | 3         | 3         | 18           |
| 7  | PC                | E. Genç                      | 7                                | 1         | 1         | 9            |
|  |                   | E. N. Özdamar                |                                  |           |           |              |
| 4  | PH                | H.A.Taşıykan                 | 5                                | 1         | 1         | 7            |
| 4-5  | PMR               | K.N. Kurt Oktay              | 7                                | 1         | 1         | 9            |
| 5  | IMM               | G. Y. Demirel                | 3                                | 1         | 1         | 5            |
| 9  | BS                | Ç. Keleş                     | 4                                | 1         | 1         | 6            |
| 2  | PP                | M. Kaçar                     | 3                                | 1         | 1         | 5            |
| 8  | MG                | A.Ç. Kuşkucu                 | 3                                | 1         | 1         | 5            |
| 5-6  | EM                | S. Sarıkaya                  | 3                                | 1         | 1         | 5            |
| 6  | RAD               | N. Taşdelen                  | 1                                | 0         | 0         | 1            |
| <b>TOTAL</b>   |                   |                              | <b>90</b>                        | <b>21</b> | <b>21</b> | <b>132</b>   |
| <b>LEARNING OBJECTIVE</b>  | <b>DISCIPLINE</b> | <b>LECTURER / INSTRUCTOR</b> | <b>NUMBER of QUESTIONS (EMQ)</b> |           |           |              |
|  |                   |                              | <b>CE</b>                        | <b>FE</b> | <b>IE</b> | <b>Total</b> |
| 1.0.-6.0   | RHE               | M. Bıçakçığıl Kalaycı        | 2                                | -         | -         | 2            |
| 1.0-6.10   | ORT               | B.Ç. Aksu                    | 2                                | -         | -         | 2            |
| 1.0-6.0  | PMR               | K.N. Kurt Oktay              | 1                                | -         | -         | 1            |
| <b>TOTAL</b>   |                   |                              | <b>5</b>                         | <b>-</b>  | <b>-</b>  | <b>5</b>     |

**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 / 6 -10 May 2024**

|               | Monday<br>6-May-2024 | Tuesday<br>7-May-2024   | Wednesday<br>8-May-2024   | Thursday<br>9-May-2024  |                                      |            |            | Friday<br>10-May-2024                          |                      |
|---------------|----------------------|---|---|---|--------------------------------------|------------|------------|--|----------------------|
| 09.00- 09.50  | Independent Learning | Lecture<br>Degenerative Joint Disease<br>F. Özkan                                     | Osteoporosis Management<br>K.N. Kurt Oktay  | ICP-CSL<br>(Physical Examination of the Musculoskeletal System)<br>G. Meriç / B.Ç. Aksu |                                      |            |            | Independent Learning                           |                      |
| 10.00- 10.50  |                      | Lecture<br>Tumors of Soft Tissues I<br>F. Özkan                                       | Lecture<br>Osteoporosis and Osteoarthritis Treatment, Rehabilitation<br>K.N. Kurt Oktay | Group A<br>ICP  | Group B<br>Small Group Study<br>SRPC | Group C IL | Group D IL | Independent Learning                           |                      |
| 11.00- 11.50  |                      | Lecture<br>Tumors of Soft Tissues II<br>F. Özkan                                      | Lecture<br>Soft Tissue Pain<br>K.N. Kurt Oktay  |   |                                      |            |            | Lecture<br>Bone and Joint Infections<br>A. Sav |                      |
| 12.00- 12.50  |                      | Lecture<br>Frostbite / Burns<br>P. Tura   | Lecture<br>Power Analysis and Sample Size Calculation I<br>Ç. Keleş                     | Independent learning  |                                      |            |            | Lecture<br>Myopathies<br>A. Sav                |                      |
| 12.50 – 14.00 | LUNCH BREAK          |   |   |   |                                      |            |            |  |                      |
| 14.00- 14.50  | Independent Learning | Lecture<br>Spondylarthropaties<br>M. Bıçakçigil Kalaycı                               | Lecture<br>Foot Deformities<br>B. Ç. Aksu   | Lecture<br>Introduction to Musculoskeletal System<br>G. Meriç                           |                                      |            |            | ELECTIVE<br>WEEK XII                           | Independent Learning |
| 15.00- 15.50  |                      | Lecture<br>Inflammatory Polyarthritis & Rheumatoid Arthritis<br>M. Bıçakçigil Kalaycı | Lecture<br>Spinal Trauma<br>B.Ç. Aksu   | Lecture<br>Traumatic Dislocations<br>G. Meriç   |                                      |            |            |  |                      |
| 16.00- 16.50  |                      | Independent Learning  | Independent Learning  | Lecture<br>Congenital & Metabolic Diseases of Bone I<br>A. Sav                          |                                      |            |            | Independent Learning                           | ELECTIVE<br>WEEK XII |
| 17.00-17.50   |                      | Independent Learning  | Independent Learning  | Lecture<br>Congenital & Metabolic Diseases of Bone II<br>A. Sav                         |                                      |            |            |  |                      |

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 / 13-17 May 2024**

|               | Monday<br>13-May-2024   | Tuesday<br>14-May-2024  | Wednesday<br>15-May-2024  |                |                                      |                | Thursday<br>16-May-2024                                     | Friday<br>17-May-2024               |                         |
|---------------|---|---|---|----------------|--------------------------------------|----------------|---|-------------------------------------|-------------------------|
| 09.00- 09.50  | Lecture<br>Initial Approach to Trauma Patient<br>S. Sarıkaya                    | Lecture<br>Osteomyelitis<br>H. Bombacı  | ICP-CSL<br>Suturing Technique<br>M. Ersan / E. Özer /<br>B. K. Aysal                  |                |                                      |                | Lecture<br>Lower Extremity Trauma<br>Ö. Yonga               | Independent Learning                |                         |
| 10.00- 10.50  | Lecture<br>Miscellaneous Rheumatological Disorders I<br>M. Bıçakçığıl Kalaycı   | Lecture<br>Septic Arthritis<br>H. Bombacı                                     | Group A<br>Small Group Study<br>SRPC  | Group B<br>ICP | Group C<br>IL                        | Group D<br>IL  | Lecture<br>Spinal Deformities<br>Ö. Yonga                   | Independent Learning                |                         |
| 11.00- 11.50  | Lecture<br>Miscellaneous Rheumatological Disorders II<br>M. Bıçakçığıl Kalaycı  | Lecture<br>Development Dysplasia of the Hip<br>H. Bombacı                     |   |                |                                      |                | Lecture<br>Upper Extremity Trauma<br>Ö. Yonga               | Independent Learning                |                         |
| 12.00- 12.50  | Lecture<br>Miscellaneous Rheumatological Disorders III<br>M. Bıçakçığıl Kalaycı | Lecture<br>Principles of Fracture Healing<br>H. Bombacı                       | Independent Learning  |                |                                      |                | Lecture<br>Imaging of Musculoskeletal System<br>N. Taşdelen | Independent Learning                |                         |
| 12.50 – 14.00 | LUNCH BREAK   |   |   |                |                                      |                |   |                                     |                         |
| 14.00- 14.50  | Lecture<br>Vasculitis I<br>M. Bıçakçığıl Kalaycı                                | Lecture<br>Pathophysiology of Musculoskeletal System Disorders I<br>M. Kaçar  | ICP-CSL<br>Physical Examination of the Musculoskeletal System<br>G. Meriç / B.Ç. Aksu |                |                                      |                | Lecture<br>Vasculitis I<br>A. Sav                           | ELECTIVE<br>WEEK XIII               | Independent<br>Learning |
| 15.00- 15.50  | Lecture<br>Vasculitis II<br>M. Bıçakçığıl Kalaycı                               | Lecture<br>Pathophysiology of Musculoskeletal System Disorders II<br>M. Kaçar | Group A<br>IL   | Group B<br>IL  | Group C<br>Small Group Study<br>SRPC | Group D<br>ICP | Lecture<br>Vasculitis II<br>A. Sav                          |                                     |                         |
| 16.00- 16.50  | Independent Learning  | Independent Learning  |   |                |                                      |                | Lecture<br>Bone Tumors I<br>A. Sav                          |                                     |                         |
| 17.00-17.50   |   | Independent Learning  |   |                |                                      |                | Independent Learning  | Lecture<br>Bone Tumors II<br>A. Sav |                         |

**COMMITTEE VI - MUSCULOSKELETAL SYSTEM**  
**WEEK III / 20-24 May 2024**

|               | Monday<br>20-May-2023  |                                |             |                                | Tuesday<br>21-May-2024  | Wednesday<br>22-May-2024   | Thursday<br>23-May-2024                              | Friday<br>24-May-2024  |                      |                      |                         |                                |            |            |
|---------------|--|--------------------------------|-------------|--------------------------------|---|--|--|--|----------------------|----------------------|-------------------------|--------------------------------|------------|------------|
| 09.00- 09.50  | ICP-CSL<br>Suturing Technique<br>M. Ersan / E. Özer /<br>B. K. Aysal |                                |             |                                | Lecture<br>Management of the Trauma<br>Patient<br>B.Akman               | Lecture<br>Connective Tissue Disorders I<br>M. Bıçakçığıl Kalaycı                        | Lecture<br>Degenerative Osteoarthritis<br>B. Ç. Aksu | Independent Learning   |                      |                      |                         |                                |            |            |
| 10.00- 10.50  | Group A IL   | Group B IL                     | Group C ICP | Group D Small Group Study SRPC | Lecture<br>Complications of Fractures<br>B.Akman                        | Lecture<br>Connective Tissue Disorders II<br>M. Bıçakçığıl Kalaycı                       | Lecture<br>Osteoporosis<br>B. Ç. Aksu                | ICP-CSL<br>Physical Examination of the<br>Musculoskeletal System<br>G. Meriç / B.Ç. Aksu |                      |                      |                         |                                |            |            |
| 11.00- 11.50  |  |                                |             |                                | Lecture<br>Some Common Problems in<br>Medical Research<br>Ç. Keleş      | Lecture<br>Nonsteroidal Antiinflammatory<br>Drugs I<br>E. Genç                           | Lecture<br>Benign Tumors of Bone<br>B. Ç. Aksu       |  |                      |                      |                         |                                |            |            |
| 12.00- 12.50  | Independent Learning   |                                |             |                                | Lecture<br>Power Analysis and Sample<br>Size Calculation II<br>Ç. Keleş | Lecture<br>Nonsteroidal Antiinflammatory<br>Drugs II<br>E. Genç                          | Lecture<br>Malignant Tumors of Bone<br>B. Ç. Aksu    | 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<br>Suturing Technique<br>M. Ersan / E. Özer /<br>B. K. Aysal |                                |             |                                | Lecture<br>Autopsy I<br>A. Sav  | ICP-CSL<br>Physical Examination of the<br>Musculoskeletal System<br>G. Meriç / B.Ç. Aksu |  | ICP-CSL<br>Suturing Technique<br>M. Ersan / E. Özer /<br>B. K. Aysal                     |                      | ELECTIVE<br>WEEK XIV | Independent<br>Learning |                                |            |            |
| 15.00- 15.50  | Group A ICP  | Group B Small Group Study SRPC | Group C IL  | Group D IL                     | Lecture<br>Autopsy II<br>A. Sav   |  | Group A IL   | Group B IL   | Group C ICP          |                      |                         | Group D Small Group Study SRPC | Group A IL | Group B IL |
| 16.00- 16.50  |  |                                |             |                                | Pathology Laboratory (Musculoskeletal System)<br>E. Hacıhasanoğlu       | Group A  |  |  |                      | Group B IL           |                         |                                |            |            |
| 17.00-17.50   | Independent Learning   |                                |             |                                | Independent Learning  |  | Independent Learning                                 |  | Independent Learning |                      | Independent Learning    | ELECTIVE<br>WEEK XIV           |            |            |

**COMMITTEE VI - MUSCULOSKELETAL SYSTEM**  
**WEEK IV / 27-31 May 2024**

|               | Monday<br>27-May-2024  |         |            | Tuesday<br>28-May-2024  | Wednesday<br>29-May-2024  | Thursday<br>30-May-2024 | Friday<br>31-May-2024 |   |   |
|---------------|--|---------|------------|---|---|-------------------------|-----------------------|---|---|
| 09.00- 09.50  | Independent Learning   |         |            | Lecture<br>Neck, Shoulder and Wrist Pain<br>K.N. Kurt Oktay   | Lecture<br>Skeletal Dysplasias<br>A. Ç. Kuşkucu                       | Independent Learning    | Independent Learning  |   |   |
| 10.00- 10.50  | Pathology<br>Laboratory<br>(Musculoskeletal<br>System)<br>E: Hacıhasanoğlu | Group B | Group A IL | Lecture<br>Low Back, Hip and Ankle Pain<br>K.N. Kurt Oktay  | Lecture<br>Muscular Dystrophies<br>A. Ç. Kuşkucu                      |                         |                       |   |   |
| 11.00- 11.50  |  |         |            | Lecture<br>Immune Mechanisms of<br>Musculoskeletal Disorders<br>G. Yanıkkaya Demirel                            | Lecture<br>Disease Modifying<br>Antirheumatic Drugs<br>E. Nur Özdamar |                         |                       | Lecture<br>Management of Soft Tissue<br>Disorders<br>Ö. Yonga | Occupational Safety and<br>Health Education |
| 12.00- 12.50  |  |         |            | Lecture<br>Immune Mechanisms of<br>Musculoskeletal Disorders<br>G. Yanıkkaya Demirel                            | Lecture<br>Pharmacology Case Studies<br>E. Nur Özdamar                |                         |                       | Lecture<br>Fractures of Children<br>G.Meriç                   | Occupational Safety and<br>Health Education |
| 12.50 – 14.00 | LUNCH BREAK  |         |            |   |   |                         |                       |   |   |
| 14.00- 14.50  | Lecture<br>Skeletal Muscle Relaxants<br>E. Genç                            |         |            | Lecture<br>Epidemiology, Prevention and<br>Control of Occupational<br>Diseases and Injuries I<br>H.A. Taşyikan  | Multidisciplinary Case<br>Discussion Panel                            | Independent Learning    | Independent Learning  |   |   |
| 15.00- 15.50  | Independent Learning   |         |            | Lecture<br>Epidemiology, Prevention and<br>Control of Occupational<br>Diseases and Injuries II<br>H.A. Taşyikan | Multidisciplinary Case<br>Discussion Panel                            |                         |                       |   |   |
| 16.00- 16.50  |  |         |            | Lecture<br>Public Health and Physical<br>Activity I<br>H. A.Taşyikan  | Independent Learning  |                         |                       |   |   |
| 17.00-17.50   |  |         |            | Lecture<br>Public Health and Physical<br>Activity II<br>H. A. Taşyikan  |   |                         |                       |   |   |



**COMMITTEE VI - MUSCULOSKELETAL SYSTEM**  
**WEEK V / 3-7 Jun 2024**

|               | Monday<br>3-Jun-2024 | Tuesday<br>4-Jun-2024 | Wednesday<br>5-Jun-2024 | Thursday<br>6-Jun-2024 | Friday<br>7-Jun-2024 |
|---------------|----------------------|-----------------------|-------------------------|------------------------|----------------------|
| 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- 17.50  | Independent Learning | Independent Learning  | Independent Learning    | Independent Learning   | Independent Learning |

## STUDENT COUNSELING

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

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

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

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

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

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

***The expectations from the student are as follows:***

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

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

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

**\* Student counseling is conducted through the Yeditepe University Faculty of Medicine Education Management System (EYS). The names of the assigned advisors can be accessed via the EMS platform."**

## CONTACT

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FACULTY OF MEDICINE

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