

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

Student's

Name :

Number :

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE III

CONTENT	Page
COORDINATION COMMITTEE.....	4
ACADEMIC CALENDAR 2023 - 2024.....	5
AIM OF MEDICAL EDUCATION PROGRAM	7
PROGRAM OUTCOMES OF MEDICAL EDUCATION PROGRAM	9
INSTRUCTIONAL DESIGN of PRECLINICAL YEARS	11
2023-2024 CURRICULUM OF PHASE III	12
DESCRIPTION and CONTENT of PHASE III	13
AIM and LEARNING OBJECTIVES of PHASE III	14
AIM and LEARNING OBJECTIVES of CLINICAL SCIENCES (MED 302)	16
DESCRIPTION of INTRODUCTION to CLINICAL PRACTICE I, II and III (ICP-I,-II,-III) (MED 102, 202, 303).....	18
AIM and LEARNING OBJECTIVES of INTRODUCTION to CLINICAL PRACTICE III (ICP-III) (MED 303).....	20
MED 303 ICP III COURSE 2023-2024 ACADEMIC PROGRAM	21
AIM and LEARNING OBJECTIVES of SCIENTIFIC RESEARCH and PROJECT COURSE- III.....	27
ASSESSMENT PROCEDURE.....	28
RULES FOR COURSE ATTENDANCE OF THE STUDENTS.....	31
EXAM RULES	32
AIM OF FREE ELECTIVE COURSES	33
SPECIFIC SESSIONS / PANELS	34
COMMITTEE EVALUATION SESSION	35
PROGRAM IMPROVEMENT SESSION.....	36
MULTIDISCIPLINARY CASE DISCUSSION PANEL	37
INDEPENDENT LEARNING	38
COURSE LOCATIONS	39
RECOMMENDED TEXTBOOKS	40
COMMITTEE I - INFECTIOUS DISEASES & HEMATOPOIETIC SYSTEM	42
COMMITTEE II - CARDIOVASCULAR & RESPIRATORY SYSTEMS	54
COMMITTEE III - GASTROINTESTINAL SYSTEM	65
COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS	73
COMMITTEE V - NERVOUS SYSTEM AND PSYCHIATRY	86
COMMITTEE VI - MUSCULOSKELETAL SYSTEM	97
STUDENT COUNSELING.....	106
LIST OF STUDENT COUNSELING - PHASE III.....	107
CONTACT	110

COORDINATION COMMITTEE
(TEACHING YEAR 2023 – 2024)

PHASE-III COORDINATION COMMITTEE

Deniz KIRAÇ, PhD, Prof. (Coordinator)
Yeşim ÖZARDA, MD, Prof. (Co-coordinator)
Figen ATALAY, MD, Prof. (Co-coordinator)
Özlem HALİLOĞLU, MD, Assoc. Prof. (Co-cordinator)
Emine Nur ÖZDAMAR, MD, Assist. Prof. (Co-cordinator)
Erdem SÖZTUTAR, MD, Assist. Prof. (Co-coordinator)
Cenk ANDAÇ, PhD, Assist. Prof. (Co-coordinator)
Başak ARU, PhD, Assist. Prof. (Co-coordinator)
Didem SEVEN, PhD, Instructor (Co-coordinator)

ICP-III COORDINATION COMMITTEE

Güldal İZBIRAK, MD, Prof. (Coordinator)
B. Tuvana US, MD, Instructor (Co-Coordinator)
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 ^{1/2} , 2023 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 ^{1/2} – 12, 2024	Tuesday - Friday
-------------------	-----------------------------------	------------------

National Holiday	April 23, 2024	Tuesday
Labor's Day	May 01, 2024	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 st Coordination Committee Meeting:	October 17, 2023	Thursday
2 nd Coordination Committee Meeting: (with student participation)	January 10, 2024	Wednesday
3 rd Coordination Committee Meeting: (with student participation)	May 14, 2024	Tuesday
4 th Coordination Committee Meeting:	July 9, 2024	Tuesday

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

AIM OF MEDICAL EDUCATION PROGRAM

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

**© 2011, Yeditepe University Faculty of Medicine

AIM

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

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

COMPETENCY AREA-1 / Professional Practices
COMPETENCY 1.1. Health Service Provider
Competence 1.1.1. Integrates knowledge, skills, and attitudes acquired from basic and clinical medical sciences, behavioral sciences, and social sciences to provide health services.
Competence 1.1.2. 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.
Competence 1.1.3. Prioritizes the protection and improvement of individuals' and community's health in the delivery of healthcare services.
Competence 1.1.4. 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.
Competence 1.1.5. 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.
Competence 1.1.6. Demonstrates a safe, rational, and effective approach in the processes of protection, diagnosis, treatment, follow-up, and rehabilitation in health service delivery.
Competence 1.1.7. Performs interventional and/or non-interventional procedures safely and effectively for the patient in the processes of diagnosis, treatment, follow-up, and rehabilitation.
Competence 1.1.8. Provides healthcare services considering patient and employee health and safety.
Competence 1.1.9. 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.
COMPETENCY AREA-2 / Professional Values and Approaches
COMPETENCY 2.1. Adopting Professional Ethics and Principles
Competence 2.1.1. Considers good medical practices while performing the profession.
Competence 2.1.2. Fulfills duties and obligations within the framework of ethical principles, rights, and legal responsibilities required by the profession.

Competence 2.1.3. Demonstrates determined behavior in providing high-quality healthcare while considering the patient's integrity.
Competence 2.1.4. Evaluates own performance in professional practices by considering own emotions and cognitive characteristics.
COMPETENCY 2.2. Health Advocate
Competence 2.2.1. 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.
Competence 2.2.2. 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.
Competence 2.2.3. Evaluates the impact of health policies and practices on individual and community health indicators and advocates for the improvement of healthcare quality.
Competence 2.2.4. Gives importance to protecting and improving own physical, mental, and social health and takes necessary actions for it.
COMPETENCY 2.3. Leader-Manager
Competence 2.3.1. Demonstrates exemplary behavior and leadership within the healthcare team during service delivery.
Competence 2.3.2. 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.
COMPETENCY 2.4. Team Member
Competence 2.4.1. Communicates effectively within the healthcare team and takes on different team roles as necessary.
Competence 2.4.2. Displays appropriate behaviors while being aware of the duties and responsibilities of healthcare workers within the healthcare team.
Competence 2.4.3. Works collaboratively and effectively with colleagues and other professional groups in professional practice.
COMPETENCY 2.5. Communicator
Competence 2.5.1. Communicates effectively with patients, their families, healthcare professionals, and other occupational groups, institutions and organizations.
Competence 2.5.2. Communicates effectively with individuals and groups who require a special approach and have different sociocultural characteristics.
Competence 2.5.3. Demonstrates a patient-centered approach that involves the patient in decision-making mechanisms during the diagnosis, treatment, follow-up, and rehabilitation processes.
COMPETENCY AREA-3 / Professional and Personal Development
COMPETENCY 3.1. Scientific and Analytical Approach
Competence 3.1.1. 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.
Competence 3.1.2. Accesses and critically evaluates current literature related to their profession.
Competence 3.1.3. Applies evidence-based medicine principles in the clinical decision-making process.
Competence 3.1.4. Uses information technologies to enhance the effectiveness of healthcare, research, and education activities.
COMPETENCY 3.2. Lifelong Learner
Competence 3.2.1. Manages effectively individual study processes and career development.
Competence 3.2.2. Demonstrates skills in acquiring, evaluating, integrating new information with existing knowledge, applying to professional situations, and adapting to changing conditions throughout professional career.
Competence 3.2.3. Selects the right learning resources to improve the quality of health care and organizes the learning process.

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

PROGRAM OUTCOMES OF MEDICAL EDUCATION PROGRAM

*©2015 Yeditepe Üniversitesi Tıp Fakültesi (Yeditepe University Faculty of Medicine)
All Rights Reserved.

***No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of Yeditepe University Faculty of Medicine.*

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

PODG.1. Basic Professional Competencies

POD.1.1. Clinical Competencies

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

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

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

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

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

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

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

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

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

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

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

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

POD.1.2. Competencies related to Communication

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

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

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

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

POD.1.3. Competencies Related to Leadership and Management

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

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

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

POD.1.4. Competencies related to Health Advocacy

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

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

POD.1.5. Competencies related to Research

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

POD.1.6. Competencies related to Health Education and Counseling

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

PODG.2. Professional Values and Perspectives

POD.2.1. Competencies related to Law and Legal Regulations

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

POD.2.2. Competencies Related to Ethical Aspects of Medicine

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

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

POD.2.3. Competencies Related to Social and Behavioral Sciences

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

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

POD.2.4. Competencies Related to Social Awareness and Participation

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

POD.2.5. Competencies Related to Professional Attitudes and Behaviors

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

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

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

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

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

PODG.3. Personal Development and Values

POD.3.1. Competencies Related to Lifelong Learning

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

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

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

POD.3.2. Competencies Related to Career Management

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

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

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

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

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

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

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

INSTRUCTIONAL DESIGN of PRECLINICAL YEARS

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

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

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

Therefore, the core medical courses are;

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

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

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 ¹ (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.

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

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

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

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 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, Ophtalmology, Public Health, Hematology/Oncology, Obstetrics and Gynecology, Cardiology, Otorhinolaryngology, Nephrology, Neurology, Orthopedics and Traumatology, Pathology, Psychiatry, Radiology, Rheumatology, Medical Pharmacology, Medical Genetics, Medical Microbiology, Urology, Medical Education.

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, uroradiology, conventional neuroradiological examinations, spinal neuroradiology, cranial CT, cranial MRI, radiological imaging of musculoskeletal system, radiological examinations in benign vs 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 / 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

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

4-Jan-24			
THURSDAY	09:00-11:50	History Taking GROUP B	G.izbırak / S.Özdemir / D.Altıparmak
		Physical Examination of Gastrointestinal System GROUP B	A. Y. Kavurmacı / E. Bayar
5-Jan-24			
FRIDAY	09:00-11:50	History Taking GROUP D	G.izbırak / S.Özdemir / D.Altıparmak
		Physical Examination of Gastrointestinal System GROUP D	A. Y. Kavurmacı / E. Bayar
18-Jan-24			
THURSDAY	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
8-Feb-24			
THURSDAY	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
15-Feb-24			
THURSDAY	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
16-Feb-24			
FRIDAY	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
20-Feb-24			
TUESDAY	14:00-16:50	Clinical Breast Examination GROUP D	M. Ersan / E. Özer / B. Kağan Aysal
26-Feb-24			
MONDAY	14:00-16:50	Clinical Breast Examination GROUP B	M. Ersan / E. Özer / B. Kağan Aysal

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	10:00-12:50	Physical examination of the musculoskeletal system GROUP B	G. Meriç / B. Aksu
14:00-16:50			
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 04-05, 2024 Wednesday – Friday Incomplete Exam July 22, 2023 Monday			

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

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

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

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

Definitions of the Assessment Methods and Question Types

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

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

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

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

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

Grades

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

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

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

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

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

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 https://accessmedicine.mhmedical.com ; 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 https://accessmedicine.mh	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 https://accessmedicine.mhmedical.com ; 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. Aynur Eren Topkaya, MD, Prof. Pınar Çiragil, MD, Prof. Sibel Ergüven, MD, Prof. Nilgün Çerikçioğlu, MD, Prof.
PHARMACOLOGY	Ece Genç, PhD, Prof. Emine Nur Özdamar, MD, Assist. Prof Ahmet Cenk Andaç, PhD. Assist. Prof
PATHOLOGY	Aydın Sav, MD, Prof. Ezgi Hacıhasanoğlu, MD, Assist. Prof
HEMATOLOGY	Figen Atalay, MD, Assoc.Prof. Elif Birtaş Ateşoğlu, MD, Assoc.Prof.
PEDIATRICS	Sabri Kemahlı, MD, Prof 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.
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. 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) Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Zeynep Alkan, MD, Assoc. Prof. 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/ 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. Çerikcioğlu				
		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.Taşyikan	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. İzbirak	1	0	0	1
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/ 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

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

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

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

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

COMMITTEE I - INFECTIOUS DISEASES and HEMATOPOIETIC SYSTEM
WEEK III / 18-22 Sep 2023

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

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

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

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

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

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

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

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

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

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

	Monday 23-Oct-2023	Tuesday 24-Oct-2023	Wednesday 25-Oct-2023	Thursday 26-Oct-2023	Friday 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							
MED 302	INTRODUCTION to CLINICAL SCIENCES	ABB.	THEO.	PRAC./LAB.	SMALL GROUP DISCUSSION	DISCUSSION	TOTAL
	DISCIPLINE/COMPONENTS						
	PHARMACOLOGY	PC	25	0	0	0	25
	PATHOLOGY	PT	24	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
	ENT DISEASES	ENT	4	0	0	0	4
	BIOSTATISTICS	BS	3	0	0	0	3
	THORACIC SURGERY	TS	3	0	0	0	3
	FAMILY MEDICINE	FM	4	0	0	0	4
	PEDIATRICS	PED	2	0	0	0	2
	MEDICAL GENETICS	MG	2	0	0	0	2
	EMERGENCY MEDICINE	EM	2	0	0	0	2
	IMMUNOLOGY	IMM	2	0	0	0	2
	RADIOLOGY	RAD	1	0	0	0	1
	INTERDISCIPLINARY (CHM, CRD)	MCDP	0	0	0	2	2
	SCIENTIFIC RESEARCH and PROJECT COURSE- III	SRPC	0	0	4Grx6H	0	6
	TOTAL		128	1	6	2	137
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III		4Grx9H			9
INDEPENDENT LEARNING HOURS			113				

Coordination Committee

HEAD	Ferda Özkan, MD, Prof.
SECRETARY	Emine Nur Özdamar, MD, Assist. Prof.
MEMBER	Banu Musaffa Salepçi, MD, Prof.
MEMBER	Mustafa Aytek Şimşek, MD, Assoc. Prof.
MEMBER	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. Emine Nur Özdamar, MD, Assist. Prof. Ahmet Cenk Andaç, PhD, Assist. Prof.
PATHOLOGY	Aydın Sav, MD, Prof. Ferda Özkan, MD, Prof. Ezgi Hacıhasanoğlu, MD, Assist. Prof.
CHEST MEDICINE	Banu Musaffa Salepçi, MD, Prof. Seha Akduman, MD, Assist. Prof.
CARDIOLOGY	Muzaffer Değertekin, MD, Prof. Olca Özveren, MD, Prof. Mustafa Aytekin Şimşek, MD, Assoc. Prof. Ayça Türer, MD, Assoc. Prof. Cansu Ebren, MD Çiğdem Koca, MD 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)	Mehmet İlhan Şahin, MD, Assoc. Prof.
THORACIC SURGERY	Sina Ercan, MD, Prof.
FAMILY MEDICINE	Güldal İzbirak, MD, Prof. Duygu Altıparmak, MD, Specialist, Instructor
PEDIATRICS	Fulya Coşkunol, MD
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, MD, Assoc.Prof.
RADIOLOGY	Filiz Çelebi, MD, Assoc.Prof.
EMERGENCY MEDICINE	Mustafa Yazıcıoğlu, MD, Assist. Prof. Hande Candemir, MD, Assist. Prof.
BIOSTATISTICS	Çiğdem Keleş, PhD, Assist. Prof
IMMUNOLOGY	Güleren Yanıkkaya Demirel, MD, PhD, Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT COURSE-III	Aylin Yaba Uçar, PhD, Prof.(Responsible Faculty Member) Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Güldal İzbirak, MD, Prof. Tuğhan Utku, MD, Prof. Özge Koner, MD, Prof. Banu Musaffa Salepçi, MD, Prof. Olca Özveren, MD, Prof. Mustafa Aytekin Şimşek, MD, Assoc. Prof. Serdar Özdemir, MD, Assist. Prof. Seha Akduman, MD, Assist. Prof. Duygu Altıparmak, MD, Specialist, Instructor Çiğdem Koca, MD Erdal Durmuş, MD

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS

AIMS and LEARNING OBJECTIVES

AIMS

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

LEARNING OBJECTIVES OF CARDIOVASCULAR SYSTEM

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

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

LEARNING OBJECTIVES OF RESPIRATORY SYSTEM

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

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

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS COMMITTEE ASSESSMENT MATRIX

PHASE III						
COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES						
COURSE COMPONENT: COMMITTEE II - CARDIOVASCULAR & RESPIRATORY SYSTEMS						
QUESTION DISTRIBUTION TABLE						
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
C7,R7	PC	E. Genç	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. Ebrin	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	M. İ Şahin	3	1	1	5
C10	BS	Ç. Keleş	2	1	1	4
R2, R5	TS	S. Ercan	2	1	1	4
C6, R6	FM	G.İzbirak	3	1	1	5
C5, R5	PED	F. Coşkunol	1	1	1	3
C9	MG	A.Ç. Kuşkucu	1	1	1	3
C5	EM	H. Candemir	1	1	1	3
		M. Yazıcıoğlu				
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 30-Oct-2023	Tuesday 31-Oct-2023	Wednesday 1-Nov-2023	Thursday 2-Nov-2023	Friday 3-Nov-2023
09.00- 09.50	Independent Learning	Independent Learning	Coronary Artery Disease I C. Ebre -M. Değertekin	ICP-CSL (Advanced Cardiac Life Support) T. Utku / Ö.Koner	Independent Learning
10.00- 10.50	Lecture Hypertension Treatment Guidelines E. N. Özdamar	Independent Learning	Lecture Coronary Artery Disease II C. Ebre -M. Değertekin	Group A Small Group Study SRPC	Lecture Principals of Statistical Analysis I Ç. Keleş
11.00- 11.50	Lecture Anti-hypertensive Drugs I E. N. Özdamar	Lecture General Signs and Principal Symptoms in Cardiovascular System Diseases C. Ebre -O. Özveren	Lecture Acetylcholinesterase Inhibitors E. Genç		Lecture Principals of Statistical Analysis II Ç. Keleş
12.00- 12.50	Lecture Anti-hypertensive Drugs II E. N. Özdamar	Lecture Examination of the Heart C. Ebre -O. Özveren	Lecture Acetylcholine and Directly Acting Parasympathomimetic Drugs E. Genç	Independent Learning	In Lecture Preparing to Analyse Data Ç. Keleş
12.50 - 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Pharmacology of ReninAngiotensin System E. N. Özdamar	Lecture Pathophysiology of Cardiovascular System Disorders I M. Kaçar	Independent Learning	Lecture Parasympatholitic Drugs E. Genç	ICP-CSL (Advanced Cardiac Life Support) T. Utku / Ö.Koner
15.00- 15.50	Lecture Pharmacology Case Studies E. N. Özdamar	Lecture Pathophysiology of Cardiovascular System Disorders II M. Kaçar	Independent Learning	Lecture Sympathomimetic Drugs: Catecholamines & Noncatecholamines E. Genç	Group A ICP
16.00- 16.50	Lecture Hypertension M. A. Şimşek	Lecture Pathophysiology of Cardiovascular System Disorders III M. Kaçar	Independent Learning	Independent Learning	
17.00-17.50	Lecture Pericardial Diseases M. A. Şimşek	Lecture Introduction to Autonomic System Pharmacology E. Genç	Independent Learning	Independent Learning	Independent Learning

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

COMMITTEE II - CARDIOVASCULAR and RESPIRATORY SYSTEMS
WEEK II / 6-10 Nov 2023

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

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

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

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

	Monday 20-Nov-2023				Tuesday 21-Nov-2023				Wednesday 22-Nov-2023		Thursday 23-Nov-2023		Friday 24-Nov-2023	
09.00- 09.50	ICP-CSL (Approach to a Patient With Chest Pain) G. İzbırak/ S. Özdemir/ D. Altıparmak				Lecture Pathology of Endocardium & Heart Valves I A. Sav				Independent Learning		Independent Learning		Independent Learning	
10.00- 10.50	Group A Small Group Study SRPC	Group B ICP	Group C IL	Group D IL	Lecture Pathology of Endocardium & Heart Valves II A. Sav				Independent Learning		Lecture Diuretic Agents I A.C. Andaç		Independent Learning	
11.00- 11.50					Lecture Tumors of the Respiratory System I A. Sav				Lecture Drugs Used in the Treatment of Dyslipidemias I E. N. Özdamar		Lecture Diuretic Agents II A.C. Andaç		Independent Learning	
12.00- 12.50	Independent Learning				Lecture Tumors of the Respiratory System II A. Sav				Lecture Drugs Used in the Treatment of Dyslipidemias II E. N. Özdamar		Lecture Pathology of Pleural and Mediastinal Diseases A. Sav		Independent Learning	
12.50 – 14.00	LUNCH BREAK													
14.00- 14.50	ICP-CSL (Examination of Cardiovascular and Respiratory System) O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş				ICP-CSL (Examination of Cardiovascular and Respiratory System) O. Özveren/ A. Şimşek/ Ç. Koca/ B. Salepçi / S. Akduman / E. Durmuş				Lecture Approach to the Patient with Cough and Heameoptysis in Primary Care D. Altıparmak		Lecture Tobacco Control and Chronic Non-Communicable Diseases I H. Taşyikan		Independent Learning	
15.00- 15.50	Group C ICP	Group D Small Group Study SRPC	Group A IL	Group B IL	Group B Small Group Study SRPC	Group D ICP	Group A IL	Group B IL	Lecture Approach to the Patient with Dyspnea in Primary Care D. Altıparmak		Lecture Tobacco Control and Chronic Non-Communicable Diseases II H. Taşyikan		Independent Learning	
16.00- 16.50									Lecture Pediatric Advanced Life Support M. Yazıcıoğlu		Lecture Tobacco Control and Chronic Non-Communicable Diseases III 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 27-Nov-2023	Tuesday 28-Nov-2023	Wednesday 29-Nov-2023	Thursday 30-Nov-2023	Friday 1-Dec-2023
09.00- 09.50	Independent Learning	Lecture Bloodstream Invasion & Sepsis I M. Sönmezoğlu	ICP-CSL (Examination of Cardiovascular and Respiratory System) O.Özveren/ A.Şimşek/ Ç.Koca/ B.Salepçi /S.Akduman/E.Durmuş	ICP-CSL (Approach to a Patient With Chest Pain) G. İzbırak/ S. Özdemir/ D. Altıparmak	Independent Learning
10.00- 10.50	Lecture Respiratory Muscles and Surgical Anatomy of Thorax S. Ercan	Lecture Bloodstream Invasion & Sepsis II M. Sönmezoğlu	Group C IL	Group C ICP	Independent Learning
11.00- 11.50	Lecture Surgical Disorders of Mediastinum and the Diaphragm S. Ercan	Lecture Cardiac Infections M. Sönmezoğlu	Group D IL	Group D Small Group Study SRPC	Independent Learning
			Group B ICP	Group A IL	
			Group A Small Group Study SRPC	Group B IL	
12.00- 12.50	Lecture Surgical Treatment of Pulmonary Diseases S. Ercan	Lecture Anticoagulant, Antiplatelet & Thrombolytic drugs E. N. Özdamar	Independent Learning	Independent Learning	Independent Learning
12.50- 14.00	LUNCH BREAK				
14.00- 14.50	Pathology Laboratory (Cardiovascular and Respiratory Systems) E. Hacıhasanoğlu	Lecture Treatment of Cough & Drugs Used in the Treatment of Common Cold E. N. Özdamar	Lecture Pharmacology and Toxicology of Tobacco A.C Andaç	Independent Learning	ICP-CSL (Examination of Cardiovascular and Respiratory System) O. Özveren/ A. Şimşek/ Ç. Koca/ B.Salepçi / S.Akduman / E.Durmuş
15.00- 15.50	Pathology Laboratory (Cardiovascular and Respiratory Systems) E. Hacıhasanoğlu	Lecture Drugs Used in Congestive Heart Disease I A.C Andaç	Lecture Drugs Used in the Treatment of Asthma & Chronic Obstructive Lung Disease A.C Andaç	Independent Learning	Group C IL
16.00- 16.50	Independent Learning	Lecture Drugs Used in Congestive Heart Disease II A.C Andaç	Lecture Tobacco Control and Chronic Non-Communicable Diseases IV H. Taşyikan	Independent Learning	Group D IL
					Group B Small Group Study SRPC
					Group A ICP
17.00-17.50	Independent Learning	Lecture Drugs Used in the Treatment of Angina Pectoris A.C. Andaç	Lecture Epidemiology, Prevention and Control of Chronic Non-Communicable Respiratory Diseases Nakan H. Taşyikan	Independent Learning	Independent Learning

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

	Monday 4-Dec-2023	Tuesday 5-Dec-2023	Wednesday 6-Dec-2023	Thursday 7-Dec-2023	Friday 8-Dec-2023
09.00- 09.50	Lecture Bronchiectasis S. Akduman	Lecture Interstitial Lung Diseases B. Salepçi	Lecture Upper and Lower Respiratory System Infections I M. Sönmezoğlu	Lecture Approach to the Pediatric Patient with Pneumonia F. Coşkunol	Independent Learning
10.00- 10.50	Lecture Lung Cancer S. Akduman	Lecture Sleep Apnea Syndrome B. Salepçi	Lecture Upper and Lower Respiratory System Infections II M. Sönmezoğlu	Lecture Epidemiology and Prevention of Cardiovascular Diseases I H.A.Taşıykan	Independent Learning
11.00- 11.50	Lecture Pleural Diseases S. Akduman	Multidisciplinary Case Discussion Panel	Lecture Inherited Respiratory System Disorders A. Ç. Kuşkucu	Lecture Epidemiology and Prevention of Cardiovascular Diseases II H.A.Taşıykan	Independent Learning
12.00- 12.50	Lecture X-Ray Examination of the Lungs F. Çelebi	Multidisciplinary Case Discussion Panel	Lecture Inherited Cardiovascular Disorders A.Ç. Kuşkucu	Lecture Public Health and Chronic Non-Communicable Diseases H.A. Taşıykan	Independent Learning
12.50- 14.00	LUNCH BREAK				
14.00- 14.50	Lecture Ethical Issues at the Beginning of Life A. Az	Lecture Chronic Restrictive Pulmonary Diseases I A. Sav	ICP-CSL (Approach to a Patient With Chest Pain) G. İzbirak/ S. Özdemir/ D. Altıparmak	Independent Learning	Independent Learning
15.00- 15.50	Lecture Ethical Issues in Paediatrics A. Az	Chronic Restrictive Pulmonary Diseases II 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	Lecture Ethics in Intensive Care A. Az	Lecture Congenital Heart Disease I A. Sav		Independent Learning	Independent Learning
17.00-17.50	Lecture Ethics in Psychiatry A. Az	Lecture Congenital Heart Disease II 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 11-Dec-2023	Tuesday 12-Dec-2023	Wednesday 13-Dec-2023	Thursday 14-Dec-2023	Friday 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							
MED 302	INTRODUCTION to CLINICAL SCIENCES	ABBR.	THEO.	PRAC./LAB.	SMALL GROUP DISCUSSION	DISCUSSION	TOTAL
	DISCIPLINE/COMPONENTS						
	GASTROENTEROHEPATOLOGY	GE	24	0	0	0	24
	PATHOLOGY	PT	14	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
	TOTAL		80	1	2	2	85
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III		4GrX3H			3
	INDEPENDENT LEARNING HOURS						55

Coordination Committee

HEAD	Meltem Ergün, MD, Assoc. Prof.
SECRETARY	Didem Seven, PhD, Instructor
MEMBER	Ferda Özkan, MD, Prof.
MEMBER	Ezgi Hacıhasanoğlu, MD, Assist. Prof.
MEMBER	Başak Aru, PhD, Assist. Prof.

COMMITTEE III - GASTROINTESTINAL SYSTEM LECTURERS

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

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Güldal İzbirak, MD, Prof. Serdar Özdemir, MD, Assist. Prof. Duygu Altıparmak, MD, Specialist, Instructor Esra Bayar, MD 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/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
G1-G6	GE	C. Pata	27	7	7	41
		M. Ergün				
		M. A. Öztürk				
G2	PT	F. Özkan	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	G. İzbirak D. Altıparmak	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	C. Kayaalp	1	0	0	1
TOTAL			90	24	24	138
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
G1-G6	GE	M. Ergün/ C. Pata /M. A. Öztürk	3	-	-	3
G2	PT	F. Özkan/ 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

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

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

COMMITTEE III - GASTROINTESTINAL SYSTEM

WEEK II / 25-29 Dec 2023

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

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

	Monday 1-Jan-2024	Tuesday 2-Jan-2024	Wednesday 3-Jan-2024				Thursday 4-Jan-2024				Friday 5-Jan-2024				
09.00- 09.50	New Year's Day	Lecture Pathology of Intestinal Diseases I F. Özkan	ICP-CSL Physical Examination of Gastrointestinal System E. Bayar/ A.Y. Kavurmacı ICP-CSL History Taking G. İzbırak / S. Özdemir / D. Altıparmak Group C ICP				ICP-CSL History Taking G. İzbırak / S. Özdemir / D. Altıparmak Group B ICP ICP-CSL Physical Examination of Gastrointestinal System Group B ICP E. Bayar/ A.Y. Kavurmacı				ICP-CSL History Taking G. İzbırak / S. Özdemir / D. Altıparmak Group D ICP ICP-CSL Physical Examination of Gastrointestinal System) Group D ICP E. Bayar/ A.Y. Kavurmacı				
10.00- 10.50		Lecture Pathology of Intestinal Diseases II F. Özkan	Group D Small Group Study SRPC	Group C ICP	Group A IL	Group B IL	Group B ICP	Group A Small Group Study SRPC	Group C IL	Group D IL	Group D ICP	Group C Small Group Study SRPC	Group A IL	Group B IL	
11.00- 11.50		Lecture Inflammatory Bowel Disease M. Ergün													
12.00- 12.50		Lecture Premalignant Lesion of the Colon M. Ergün	Independent Learning				Lecture Approach to the Patient with Diarrhea Regarding to Primary Care D. Altıparmak				Lecture Digestive & Antidiarrheal Drugs E. N. Özdamar				
12.50 – 14.00	LUNCH BREAK														
14.00- 14.50	New Year's Day	ICP-CSL History Taking G. İzbırak / S. Özdemir / D. Altıparmak ICP-CSL Physical Examination of Gastrointestinal System Group A ICP E. Bayar/ A.Y. Kavurmacı				Multidisciplinary Case Discussion Panel				Lecture Immunologic Tolerance and Autoimmunity G. Yanıkkaya Demirel				INTRODUCTION TO ELECTIVE COURSES (ONLINE)	
15.00- 15.50		Group A ICP	Group B Small Group Study SRPC	Group C IL	Group D IL	Multidisciplinary Case Discussion Panel				Lecture Immunologic Tolerance and Autoimmunity G. Yanıkkaya Demirel				INTRODUCTION TO ELECTIVE COURSES (ONLINE)	
16.00- 16.50						Lecture Clinical Approach to the Patient with Acute Abdominal Pain E. G. Gencer				Lecture Complex Diseases-Inherited Gastrointestinal System Disorders A.Ç. Kuşkucu				Independent Learning	
17.00-17.50		Independent Learning				Lecture Laxatives E. N. Özdamar				Lecture Complex Diseases-Inherited Gastrointestinal System Disorders A.Ç. Kuşkucu				Independent Learning	

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

	Monday 8-Jan-2024	Tuesday 9-Jan-2024	Wednesday 10-Jan-2024	Thursday 11-Jan-2024	Friday 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							
MED 302	INTRODUCTION to CLINICAL SCIENCES	ABBR.	THEO.	PRAC./LAB.	SMALL GROUP DISCUSSION	DISCUSSION	TOTAL
	DISCIPLINE/COMPONENTS						
	PATHOLOGY	PT	32	2GrX1H	0	0	33
	OBST & GYNEC	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
	TOTAL		144	5	4	2	155
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III		4GrX9H			9
	INDEPENDENT LEARNING HOURS						88

Coordination Committee

HEAD	Özlem Haliloğlu, MD, Assoc. Prof.
SECRETARY	Cenk Andaç, PhD, Assist. Prof.
MEMBER	Gülçin Kantarcı, MD, Prof.
MEMBER	Rukset Attar, MD, Prof.
MEMBER	Oya Alagöz, MD, Assist. Prof.

COMMITTEE IV - ENDOCRINE, REPRODUCTIVE & URINARY SYSTEMS LECTURERS

MED 302 INTRODUCTION to CLINICAL SCIENCES	
DISCIPLINE	LECTURERS
PATHOLOGY	Aydın Sav, MD, Prof. Ferda Özkan, MD, Prof. Ezgi Hacıhasanoğlu, MD
OBSTETRICS and GYNECOLOGY	Orhan Ünal, MD, Prof. Rukset Attar, MD, Prof. Erkut Attar, MD Prof. Melis Gökçe Koçer Yazıcı, MD, Assist. Prof. Tanju Demirören, MD
ENDOCRINOLOGY	Fahrettin Keleştemur, MD, Prof. Özlem Haliloğlu, MD, Assoc. Prof.
PHARMACOLOGY	Ece Genç, PhD, Prof. Emine Nur Özdamar, MD, Assist. Prof.
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, MD, Assist. Prof.
INFECTIOUS DISEASES	Meral Sönmezoğlu, MD Prof.
MEDICAL MICROBIOLOGY	Aynur Eren Topkaya, MD, Prof. Güner Söyletir, MD, Prof. Pınar Çıragil, MD, Prof.
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, PhD, Prof.
BIOMEDICAL ETHICS&DEONTOLOGY	Adem Az, MD.
PUBLIC HEALTH	Hale Arık Taşyikan, MD, Assist. Prof.
FAMILY MEDICINE	Duygu Altıparmak, MD, Specialist, Instructor
PEDIATRICS	Mustafa Berber, MD, Assist. Prof. Coşkun Saf, MD, Assist. Prof. Çiğdem Ayanoğlu, MD. Fulya Coşkunol, MD
PEDIATRIC ENDOCRINOLOGY	Elif Sağsak, MD, Assoc. Prof.
BIostatISTICS	Çiğdem Keleş, PhD, Assist. Prof.
RADIOLOGY	Melih Topçuoğlu, MD, Assoc. Prof. Esin Yencilek, MD, Assoc. Prof.
PHYTOTHERAPY	Etil Güzelmeriç, Assist. Prof.
NEPHROLOGY	Gülçin Kantarcı, MD, Prof. Abdullah Özkök, MD, Prof
UROLOGY	Mustafa Yüksel, MD.
PEDIATRIC SURGERY	Şafak Karaçay, MD, Assoc. Prof.
GENERAL SURGERY	Cihan Şahan, MD
EMERGENCY MEDICINE	Emin Gökhan Gencer, MD, Assist. Prof.
IMMUNOLOGY	Gülderen Yanıkkaya Demirel, MD, PhD, Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT COURSE-III	Aylin Yaba Uçar, PhD, Prof.(Responsible Faculty Member) Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Rukset Attar, MD, Prof Bilge Kağan Aysal, MD, Assoc. Prof. Mert Yeşiladalı, MD, Assist. Prof. Melis Gökçe Koçer Yazıcı, MD, Assist. Prof. Mert Ersan, MD Mustafa Berber, MD, Assist. Prof. Çiğdem Ayanoğlu, MD. 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				
		Ç. Ayanoğlu				
		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	M. Topçuoğlu	1	1	1	3
		E. Yencilek				
E.5, U.5	EM	E. G. Gencer	1	0	0	1
E.5, U.5	PED-S	Ş. Karaçay	1	0	0	1
E.5, U.5	GS	C. Şahan	1	0	0	1
TOTAL			90	44	44	178
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
E.1 – E.6	END	Ö. Haliloğlu	1	-	-	1
E.1 – E.6	OBS-GYN	T. Demirören	1	-	-	1
U.1 – U.6	NE	G. Kantarcı	1	-	-	1
U.1 – U.6	URO	M. Yüksel	1	-	-	1
E.2, U.2	PT	F. Özkan	1	-	-	1
TOTAL			5	-	-	5

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

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

Abbreviations

MCQ: Multiple Choice Question

EMQ: Extending Matching Question

CE: Committee Exam

CS: Committee Score

FE: Final Exam

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

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

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

MIDTERM BREAK
22 JANUARY – 2 FEBRUARY 2024

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK II / 5 – 9 Feb 2024

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

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

	Monday 12-Feb-2024	Tuesday 13-Feb-2024	Wednesday 14-Feb-2024	Thursday 15-Feb-2024				Friday 16-Feb-2024			
09.00-09.50	Lecture Agents Effecting Bone Mineral Homeostasis I E. Genç	Independent learning	Lecture Immunology of Reproduction G. Yanikkaya Demirel	ICP-CSL Follow-up of Pregnancy & Stages of Normal Labour & Gynecological Examination, PAP R. Attar/ M. Yeşiladalı / M.G.K. Yazıcı				ICP-CSL Follow-up of Pregnancy & Stages of Normal Labour & Gynecological Examination, PAP R. Attar/ M. Yeşiladalı / M.G.K. Yazıcı			
10.00-10.50	Lecture Agents Effecting Bone Mineral Homeostasis II E. Genç	Independent learning	Lecture Immunology of Reproduction G. Yanikkaya Demirel	Group A IL	Group B IL	Group C ICP	Group D Small group Study SRPC	Group A IL	Group B IL	Group C Small Group Study SRPC	Group D ICP
11.00-11.50	Lecture Pathophysiology of Reproductive System Diseases I M. Kaçar	Independent learning	Lecture Hypocalcemic Diseases Ö. Haliloğlu								
12.00-12.50	Lecture Pathophysiology of Reproductive System Diseases II M. Kaçar	Microbiology Laboratory (Diagnostic Tests of Urinary Specimens and Urogenital Specimens-I) G. Söyletir	Lecture Adrenal Disorders F. Keleştemur	Lecture Medical History for Breast Diseases in Primary Care & Clinical Breast Examination D. Altıparmak				Independent learning			
12.50-14.00	LUNCH BREAK										
14.00-14.50	Lecture Normal and Abnormal Sexual Development & Puberty R. Attar	Microbiology Laboratory (Diagnostic Tests of Urinary Specimens and Urogenital Specimens-I) G. Söyletir, P. Çiragil. A.E Topkaya Z. Kipritçi, S.D Bakirezer Group A	Microbiology Laboratory (Diagnostic Tests of Urinary Specimens and Urogenital Specimens-II) G. Söyletir, P. Çiragil. A.E Topkaya Z. Kipritçi, S.D Bakirezer Group D	Lecture Congenital Infections and Sexually Transmitted Diseases, Genital Infections I M. Sönmezoğlu				ELECTIVE WEEK I		Independent Learning	
15.00-15.50	Lecture The Menstrual Cycle and Disorders of the Menstrual Cycle R. Attar	Group B	Group C	Lecture Congenital Infections and Sexually Transmitted Diseases, Genital Infections II M. Sönmezoğlu							
16.00-16.50	Lecture Pathology of Urinary System Tumors E. Hacıhasanoğlu	Group C	Group B	Lecture Congenital Infections and Sexually Transmitted Diseases, Genital Infections III M. Sönmezoğlu				Independent Learning		ELECTIVE WEEK I	
17.00-17.50	Lecture Congenital Anomalies of Urinary System E. Hacıhasanoğlu	Group D	Group A	Independent learning							

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK IV / 19 – 23 Feb 2024

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

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK V / 26 Feb – 1 Mar 2024

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

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK VI / 4 – 8 Mar 2024

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

COMMITTEE IV – ENDOCRINE, REPRODUCTIVE and URINARY SYSTEMS

WEEK VII / 11 – 15 Mar 2024

WEEK VII/ 11 – 15 Mar 2024						
	Monday 11-Mar-2024	Tuesday 12-Mar-2024	Wednesday 13-Mar-2024	Thursday 14-Mar-2024	Friday 15-Mar-2024	
09.00- 09.50	Independent Learnng	Independent Learnng	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 Learnng	Independent Learning	NATIONAL DOCTORS' DAY	ELECTIVE WEEK V	Independent Learning
15.00- 15.50						
16.00- 16.50					Independent Learning	ELECTIVE 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
	TOTAL		101	5	2	2	110
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III	0	4GrX6H			6
	INDEPENDENT LEARNING HOURS						89

Coordination Committee

HEAD	Okan Taycan, MD, Assoc. Prof.
SECRETARY	Erdem Söztutar, MD, Assist. Prof.
MEMBER	Özge Yabaş Kızıloğlu, MD, Assoc. Prof.
MEMBER	Okan Taycan, MD, Assoc. Prof.
MEMBER	Yüksel Dede, MD

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

MED 302 INTRODUCTION to CLINICAL SCIENCES	
DISCIPLINE	LECTURERS
NEUROLOGY	Berrin Aktekin, MD, Prof. Rana Karabudak, MD, Prof. Halide Rengin Bilgen, MD, Assist. Prof. Yüksel Dede, MD
PSYCHIATRY	Hakan Atalay, MD, Assoc. Prof. Okan Taycan, MD, Assoc. Prof. Serhat Tunç, MD, Assoc. Prof.
CHILD PSYCHIATRY	Oğuzhan Zahmacioğlu, MD, Assoc. Prof.
NEUROSURGERY	M.Gazi Yaşargil, MD, Prof. Uğur Türe, MD, Prof. Ahmet Hilmi Kaya, MD, Prof. Aikaterini Panteli, MD, Assist. Prof.
PATHOLOGY	Aydın Sav, MD, Prof.
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, PhD, Prof.
PHARMACOLOGY	Ece Genç, PhD, Prof. Emine Nur Özdamar, MD, Assist. Prof. Cenk Andaç, PhD, Assist. Prof.
PEDIATRICS	Manolya Kara, MD, Assoc. Prof. Mustafa Berber, MD, Assist. Prof. Fulya Coşkunol, MD
PUBLIC HEALTH	Hale Arık Taşyikan, MD, Assist. Prof.
FAMILY MEDICINE	Güldal İzbirak, MD, Prof.
RADIOLOGY	Gazanfer Ekinci, MD, Prof.
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, MD, Assist. Prof.
INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY	Meral Sönmezoğlu, MD, Prof.
OPHTALMOLOGY	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) Hale Arık Taşyikan, MD, Assist Prof.

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

COMMITTEE V - NERVOUS SYSTEM and PSYCHIATRY

AIMS and LEARNING OBJECTIVES

AIMS

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

LEARNING OBJECTIVES OF NERVOUS SYSTEM and PSYCHIATRY

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

- 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. Kuşkucu	3	1	1	5
1 – 6	C-PCH	O. Zahmacioğlu	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. Ekinici	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 18-Mar-2024	Tuesday 19-Mar-2024	Wednesday 20-Mar-2024	Thursday 21-Mar-2024	Friday 22-Mar-2024	
09.00- 09.50	Lecture Signs and Symptoms in Neurology B. Aktekin	Lecture Pathology of Myelin & Neuronal Storage Diseases I A. Sav	Independent Learning	Independent Learning	Lecture Pharmacological Approach to Parkinsonism & Other Movement Disorders I E. Genç	
10.00- 10.50	Lecture Cranial Nerves I B. Aktekin	Lecture Pathology of Myelin & Neuronal Storage Diseases II A. Sav	Lecture Clinical Presentation, Anatomic Concepts and Diagnosis in a Neurosurgical Patient A. Panteli	Lecture Surgical Neuroanatomy U. Türe	Lecture Pharmacological Approach to Parkinsonism & Other Movement Disorders II E. Genç	
11.00- 11.50	Lecture Cranial Nerves II B. Aktekin	Lecture Developmental Disorders of CNS A. Sav	Lecture Spinal Trauma in Neurosurgery A. Panteli	Lecture Cerebrovascular Diseases in Neurosurgery I U. Türe	Lecture Headache in Neurologic Patient Y. Dede	
12.00- 12.50	Lecture Epilepsy B. Aktekin	Lecture Introduction to Central Nervous System Pharmacology E. Genç	Lecture Cranial Trauma in Neurosurgery A. Panteli	Lecture Cerebrovascular Diseases in Neurosurgery II U. Türe	Lecture Extrapyramidal System Disorders Y. Dede	
12.50 – 14.00	LUNCH BREAK					
14.00- 14.50	Lecture Peripheral Nerve Disorders B. Aktekin	Introduction to Neuroimmunology R. Karabudak	Lecture Public Health and Aging I H. Taşyikan	Lecture Intracranial Tumors I M. Gazi Yaşargil	ELECTIVE WEEK VI	Independent Learning
15.00- 15.50	Lecture Pathophysiology of Nervous System Diseases I M. Kaçar	Lecture Demyelinating Disorders I R. Karabudak	Lecture Public Health and Aging II H. Taşyikan	Lecture Intracranial Tumors II M. Gazi Yaşargil		
16.00- 16.50	Lecture Pathophysiology of Nervous System Diseases II M. Kaçar	Lecture Demyelinating Disorders II R. Karabudak	Lecture Neuroimmunological Disorders G. Yanıkkaya Demirel	Lecture Culture, Health and Illness H. Taşyikan	Independent Learning	ELECTIVE WEEK VI
17.00-17.50	Independent Learning	Lecture Approach to Intoxicated Patient E. G. Gencer	Lecture Neuroimmunological Disorders G. Yanıkkaya Demirel	Lecture Behavioral Determinants of Health and Disease 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 PYSCHIATRY
WEEK II / 25 – 29 Mar 2024

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

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

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

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

	Monday 8-Apr-2024	Tuesday 9-Apr-2024	Wednesday 10-Apr-2024	Thursday 11-Apr-2024	Friday 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 15-Apr-2024	Tuesday 16-Apr-2024	Wednesday 17-Apr-2024				Thursday 18-Apr-2024	Friday 19-Apr-2024			
09.00- 09.50	Lecture Antimigraine Drugs E. N. Özdamar	Lecture Introduction to Child and Adolescent Psychiatry O. Zahmacioğlu	Lecture Depression in Primary Care G. İzbirak				Lecture Mental Development in Childhood and Adolescence O. Zahmacioğlu		Lecture Local Anesthetics E. Genç		
10.00- 10.50	Lecture Psychiatric Epidemiology and Classification S. Tunç	Lecture Common Childhood Psychiatric Problems O. Zahmacioğlu	Multidisciplinary Case Discussion Panel				ICP-CSL Neurological Examination & Psychiatric Examination H. R. Bilgen Akdeniz / O. Taycan / O. Zahmacioğlu / H. Atalay		Lecture General Anesthetics E. Genç		
11.00- 11.50	Lecture Analysis of Survival Studies I Ç. Keleş	Lecture Developmental Psychopathology: Risk and Protective Factors in Mental Development O. Taycan	Multidisciplinary Case Discussion Panel				Group A ICP	Group B Small Group Study	Group C IL	Group D IL	Lecture Acute and Chronic Meningitis, Encephalitis I M. Sönmezoğlu
12.00- 12.50	Lecture Analysis of Survival Studies II Ç. Keleş	Lecture Signs and Symptoms in Psychiatry O. Taycan	Lecture General Physical Examination A.Kurt								Lecture Acute and Chronic Meningitis, Encephalitis II M. Sönmezoğlu
12.50 – 14.00	LUNCH BREAK										
14.00- 14.50	Lecture Infectious Diseases of CNS I A. Sav	Lecture Schizophrenia Spectrum and Other Psychotic Disorders I O. Taycan	ICP-CSL General Physical Examination A.Kurt				Lecture Design of Survival Studies Ç. Keleş		ELECTIVE WEEK IX	Independent Learning	
15.00- 15.50	Lecture Infectious Diseases of CNS II A. Sav	Lecture Schizophrenia Spectrum and Other Psychotic Disorders II O. Taycan	Group A ICP	Group B IL	Group C IL	Group D IL	Lecture Opioid Analgesics & Antagonists I E. Genç				
16.00- 16.50	Lecture CNS Stimulants and Hallusinogenic Drugs C. Andaç	Lecture Sedative / Hypnotic Drugs I E. Genç					Lecture Opioid Analgesics & Antagonists II E. Genç		Independent Learning	ELECTIVE WEEK IX	
17.00-17.50	Independent Learning	Lecture Sedative / Hypnotic Drugs II E. Genç					Independent Learning				Independent Learning

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

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

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

	Monday 29-Apr-2024	Tuesday 30-Apr-2024	Wednesday 1-May-2024	Thursday 2-May-2024	Friday 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 Committee V Coordination Committee Members	
12.50 – 14.00	LUNCH BREAK					
14.00- 14.50	Independent Learning	Independent Learning	LABOR DAY	Independent Learning	ELECTIVE WEEK XI	Independent Learning
15.00- 15.50					Independent Learning	ELECTIVE 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
	TOTAL		67	1	4	2	74
MED 303	INTRODUCTION to CLINICAL PRACTICE III	ICP III		4GrX6H			6
	INDEPENDENT LEARNING						103

Coordination Committee

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

COMMITTEE VI - MUSCULOSKELETAL SYSTEM
LECTURERS

MED 302 INTRODUCTION to CLINICAL SCIENCES	
DISCIPLINE	FACULTY
ORTHOPAEDICS & TRAUMATOLOGY	Gökhan Meriç, MD, Prof. Hasan Bombacı, MD, Prof. Budak Akman, MD, Assoc. Prof. Burak Çağrı Aksu, MD, Assist. Prof. 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. Ferda Özkan, MD, Prof.
PATHOPHYSIOLOGY	Mehtap Kaçar, MD, PhD, Prof.
PHARMACOLOGY	Ece Genç, PhD, Prof. Emine Nur Özdamar, MD, Assist. Prof
IMMUNOLOGY	Gülderen Yanıkkaya Demirel, MD, PhD, Prof.
PUBLIC HEALTH	Hale Arık Taşyikan, MD, Assist. Prof
MEDICAL GENETICS	Ayşegül Çınar Kuşkucu, MD, Assoc. Prof.
RADIOLOGY	Neslihan Taşdelen, MD, Assoc. Prof.
EMERGENCY MEDICINE	Sezgin Sarıkaya, MD, Prof. Pınar Tura, MD, Prof.
BIOSTATISTICS	Çiğdem Keleş, PhD, Assist. Prof.
OTHER COURSES	
DISCIPLINE	LECTURERS
SCIENTIFIC RESEARCH and PROJECT COURSE-III	Aylin Yaba Uçar, PhD, Prof.(Responsible Faculty Member) Hale Arık Taşyikan, MD, Assist Prof.

MED 303 INTRODUCTION to CLINICAL PRACTICE III	
DISCIPLINE	LECTURERS
CLINICAL SKILLS LAB	Gökhan Meriç, MD, Prof. Bilge Kağan Aysal, MD, Assoc. Prof. Burak Çağrı Aksu, MD, Assist. Prof. Mert Ersan, MD 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

PHASE III COURSE: MED 302 INTRODUCTION to CLINICAL SCIENCES COURSE COMPONENT: COMMITTEE VI - MUSCULOSKELETAL SYSTEM						
QUESTION DISTRIBUTION TABLE						
LEARNING OBJECTIVE	DISCIPLINE	LECTURER/ INSTRUCTOR	NUMBER of QUESTIONS (MCQ)			
			CE	FE	IE	Total
1-6	ORT	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.Taşyikan	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
TOTAL			90	21	21	132
LEARNING OBJECTIVE	DISCIPLINE	LECTURER / INSTRUCTOR	NUMBER of QUESTIONS (EMQ)			
			CE	FE	IE	Total
1.0.-6.0	RHE	M. Bıçakçığıl Kalaycı	2	-	-	2
1.0-6.10	ORT	B.Ç. Aksu	2	-	-	2
1.0-6.0	PMR	K.N. Kurt Oktay	1	-	-	1
TOTAL			5	-	-	5

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

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

Abbreviations

MCQ: Multiple Choice Question

EMQ: Extending Matching Question

CE: Committee Exam

CS: Committee Score

FE: Final Exam

ICE: Incomplete Exam

pts: Points

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

COMMITTEE VI - MUSCULOSKELETAL SYSTEM
WEEK I / 6 -10 May 2024

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

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

COMMITTEE VI - MUSCULOSKELETAL SYSTEM
WEEK II / 13-17 May 2024

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

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

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

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

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

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

	Monday 3-Jun-2024	Tuesday 4-Jun-2024	Wednesday 5-Jun-2024	Thursday 6-Jun-2024	Friday 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.

LIST OF STUDENT COUNSELING - PHASE III

	STUDENT NUMBER	NAME	SURNAME	COUNSELOR
1	20210800161	YARA MOHAMED ELSAYED	ABDEL GALİL	PROF. DR. ECE GENÇ
2	20210800022	SERHAT	ADIGÜZEL	PROF. DR. ECE GENÇ
3	20210800170	SINA	AHMADI	PROF. DR. ECE GENÇ
4	20210800046	ECEM SU	AKÇA	PROF. DR. ECE GENÇ
5	20220800034	SENA	AKIN	PROF. DR. ECE GENÇ
6	20200800035	RAFET ALİ	ALKAN	PROF. DR. AYLİN YABA UÇAR
7	20200800105	KEREM	ALTAN	PROF. DR. AYLİN YABA UÇAR
8	20210800105	DOĞA NUR	ARICAN	PROF. DR. AYLİN YABA UÇAR
9	20230800023	BENGİSU	ARIKAN	PROF. DR. AYLİN YABA UÇAR
10	20200800061	ATACAN	ARSLAN	PROF. DR. AYLİN YABA UÇAR
11	20210800145	TUMARİS	ARTIŞ	PROF. DR. AYLİN YABA UÇAR
12	20210800106	SELİN	ATABEYOĞLU	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELI
13	20210800056	SEYHUN EFE	ATİK	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELI
14	20200800032	AYŞE CEREN	AVCI	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELI
15	20200800037	AHMET EREN	AVCI	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELI
16	20200800038	OSMAN	AYGÜL	PROF. DR. ECE GENÇ
17	20210800086	ECE	AYSAL	PROF. DR. ECE GENÇ
18	20200800042	BEYZA	BABATAŞ	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL
19	20220800036	SABİHA DURU	BAŞCIL	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL
20	20210800074	ZEYNEP	BAŞMAN	PROF. DR. AYŞE İNCİ ÖZDEN
21	20210800080	SİNEM NAZİRE	BEREKET	PROF. DR. AYŞE İNCİ ÖZDEN
22	20210800159	HOOMEHR	BIGDELI	PROF. DR. AYŞE İNCİ ÖZDEN
23	20200800107	BEYZA	BUZUL	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL
24	20210800005	INANC	CENAP	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL
25	20210800006	ECEM SENA	CINAR	PROF. DR. GÜLDEREN YANIKKAYA DEMİREL
26	20230800027	ZAHİDE İLAYDA	COŞKUN	PROF. DR. AYŞE İNCİ ÖZDEN
27	20210800026	ZEYNEP	ÇAM	PROF. DR. AYŞE İNCİ ÖZDEN
28	20210800108	HACER SALİHA	ÇAVUŞ	PROF. DR. AYŞE İNCİ ÖZDEN
29	20210800144	NEJDET	ÇETİN	PROF. DR. AYŞE İNCİ ÖZDEN
30	20210800079	SUDE	DEĞER	PROF. DR. AYŞE İNCİ ÖZDEN
31	20210800111	ZEYNEP DİLAY	DENİZCİ	DR. ÖĞR. ÜYESİ ALEV CUMBUL
32	20210800103	YAREN	DİNÇTÜRK	DR. ÖĞR. ÜYESİ ALEV CUMBUL
33	20200800056	AYHAN	DÜVENCİ	DR. ÖĞR. ÜYESİ ALEV CUMBUL
34	20210800096	BERRA	EPSİLELİ	DR. ÖĞR. ÜYESİ ALEV CUMBUL
35	20210800090	BEYZA	EPSİLELİ	DR. ÖĞR. ÜYESİ ALEV CUMBUL
36	20210800087	SELİN	ERBİLGİN	DR. ÖĞR. ÜYESİ ALEV CUMBUL
37	20210800077	DİDEM	ERBUĞ	DR. ÖĞR. ÜYESİ HALE ARIK TAŞYIKAN
38	20210800116	DEVİN BARÇA	ERCAN	DR. ÖĞR. ÜYESİ HALE ARIK TAŞYIKAN
39	20210800058	EREN	EROĞLU	DR. ÖĞR. ÜYESİ HALE ARIK TAŞYIKAN
40	20210800063	ZEYNEP EYLÜL	EROL	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR

41	20220800137	ECEM SUDE	ERSOY	DR. ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
42	20200800068	MİR KARAN	EYYUBİ	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
43	20200800115	YUNUSEMRE	FİSTİKÇİ	PROF. DR. SONER DOĞAN
44	20210800165	SARA	GHAMBARİ	PROF. DR. ECE GENÇ
45	20230800021	MUSTAFA CAN	GİRGİN	DR. ÖĞR. ÜYESİ ALEV CUMBUL
46	20210800011	AINAZ	HAMZEZHAADEH	PROF. DR. MEHTAP KAÇAR
47	20210800033	ALİHAN	HATUNOĞLU	DR. ÖĞR. ÜYESİ HALE ARIK TAŞYIKAN
48	20210800122	NAZLİ ECE	HÜNER	DR. ÖĞR. ÜYESİ HALE ARIK TAŞYIKAN
49	20200800101	MİRAY	İSA	DOÇ. DR. DENİZ YAT KIRAC
50	20210800100	YİĞİTCAN	KABAY	DOÇ. DR. DENİZ YAT KIRAC
51	20210800140	ZEYNEP ECE	KALENDER	DOÇ. DR. DENİZ YAT KIRAC
52	20210800101	ZÜLAL	KARAİSMAİL	DOÇ. DR. DENİZ YAT KIRAC
53	20210800070	ÖYKÜ DORA	KARAKAŞ	DOÇ. DR. DENİZ YAT KIRAC
54	20210800113	ADA	KAYAHAN	DOÇ. DR. DENİZ YAT KIRAC
55	20210800102	MEHMET SAMİ	KETHÜDA	PROF. DR. SONER DOĞAN
56	20200800033	MEHMET HALİL	KILINÇ	PROF. DR. SONER DOĞAN
57	20210800123	GÜLCE	KIYIK	PROF. DR. SONER DOĞAN
58	20220800041	ZEYNEP ECE	KİRAZ	DR. ÖĞR. ÜYESİ ALEV CUMBUL
59	20190800032	ERDEM	KORAL	PROF. DR. DENİZ YAT KIRAC
60	20210800084	SUDE	KURAL	DR. ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
61	20200800064	ONUR	KÜÇÜKOĞLU	DR. ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
62	20210800146	TARANNOM	MANSOURİ NASR ABAD	DR. ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
63	20210800147	MOHAMMADALI	MANSOURİ NASR ABAD	DR. ÖĞR. ÜYESİ ALEV CUMBUL
64	20210800088	SİNEM	MEHMETOĞLU	DR.ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
65	20210800128	EMRE	MESUTOĞLU	DR.ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
66	20210800121	NERGİS	MİRİOĞLU	DR.ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
67	20210800017	PARSA	MOOSAVİ	DR.ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
68	20210800152	MERİSA	MOVAHEDİ JADİD	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
69	20210800104	TOLGA	MÜNGEN	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
70	20210800139	ETHEM CAN	NARLİ	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
71	20210800041	MAHDİ	NASİRİ	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
72	20210800010	MELİKA	NEJATİ AFKHAM	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
73	20200800119	KEREM	NOYAN	PROF. DR. DENİZ YAT KIRAC
74	20210800112	ECE	OĞLAKÇİ	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
75	20210800007	ZEYNEP DİLA	OZTURAN	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
76	20210800129	ECE DİLARA	ÖDEMİŞ	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
77	20210800064	EYLÜL	ÖZ	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
78	20210800083	ZEYNEP	ÖZCAN	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
79	0MİS0800010	BERKİN	ÖZDAĞLI	PROF. DR. DENİZ YAT KIRAC
80	20220800038	MELEK SİNA	ÖZDEMİR	DR. ÖĞR. ÜYESİ ERDEM SÖZTUTAR
81	20210800131	BEYZA	ÖZDEN	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
82	20220800023	RENGİN DOĞA	ÖZKAN	DR. ÖĞR. ÜYESİ ALEV CUMBUL
83	20220800047	ÖMER	ÖZKANLİ	DR. ÖĞR. ÜYESİ ALEV CUMBUL

84	20220800140	MERT	ÖZTAŞKIN	DR. ÖĞR. ÜYESİ HALE ARIK TAŞYIKAN
85	20210800120	İLKİM	ÖZTÜRK	DR. ÖĞR. ÜYESİ AHMET CENK ANDAÇ
86	20210800076	EMRE	ÖZYURT	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELİ
87	20210800115	HANDE	PEHLEVAN	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELİ
88	20210800169	ASHKAN	SALEHI	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELİ
89	20210800110	ARDA	SEVMİŞ	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELİ
90	20210800148	MONİR	SHAKFEH	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELİ
91	20200800029	SADIK GÖKBERK	SİMAV	DR.ÖĞR. ÜYESİ AIKATERİNİ PANTELİ
92	20210800107	EYLÜL	ŞAHİN	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
93	20210800099	NAZ NEHİR	ŞAHİN	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
94	20200800031	MİHRİBAN	ŞAHİN	DR. ÖĞR. ÜYESİ SERDAR ÖZDEMİR
95	20210800068	BERİL SUDE	ŞEN	DR. ÖĞR. ÜYESİ SERDAR ÖZDEMİR
96	20200800039	AİŞE RANA	ŞEN	DR. ÖĞR. ÜYESİ SERDAR ÖZDEMİR
97	20210800167	MARIAM	TAHA	DR. ÖĞR. ÜYESİ SERDAR ÖZDEMİR
98	20210800042	NIKTA	TANEH	DOÇ. DR. BİLGE GÜVENÇ TUNA
99	20210800093	CAN BORA	TÜMERLİ	DR.ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
100	20210800097	UTKU CEM	UZUN	DR.ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
101	20210800092	ATEŞ	ÜKİNÇ	DR.ÖĞR. ÜYESİ EMİNE NUR ÖZDAMAR
102	20200800036	GANİME ELİF	YAVUZ	DOÇ. DR. GÜLSÜM SEDA GÜLEÇ YILMAZ
103	20210800078	IŞIL	YENİGÜN	DR. ÖĞR. ÜYESİ HALE ARIK TAŞYIKAN
104	20220800139	IRMAK CEREN	YILMAZ	DR. ÖĞR. ÜYESİ HALE ARIK TAŞYIKAN
105	20200800034	BORA	YILMAZSÖNMEZ	DOÇ. DR. BİLGE GÜVENÇ TUNA
106	20200800100	MİRAY	YÜKSEL	DOÇ. DR. BİLGE GÜVENÇ TUNA

CONTACT

Faculty Secretary :

Tel: +90 216 578 00 00 (3005)

Dean Secretary:

Tel: +90 216 578 05 05 – 06

Fax: +90 216 578 05 75

Student Affairs :

Tel: +90 216 578 06 86

Documents Affairs:

Tel: +90 216 578 05 93

Coordinator/ Co-coordinators:

Deniz Kır  , PhD, Prof. (Coordinator), 0216 578 00 00 / dyat@yeditepe.edu.tr

Yeřim   zarda, MD, Prof. (Co-coordinator), 0216 578 00 00 / yesim.ozarda@yeditepe.edu.tr

Figen Atalay, MD, Prof (Co-coordinator), 0216 578 00 00 / figen.atalay@yeditepe.edu.tr

  zlem Halilo  lu, MD, Assoc. Prof. (Co-coordinator), 0216 578 00 / ozlem.haliloglu@yeditepe.edu.tr

Emine Nur   zdamar, MD, Assist. Prof. (Co-coordinator), 0216 578 00 00 / nur.ozdamar@yeditepe.edu.tr

Erdem S  ztutar, MD, Assist. Prof (Co-coordinator), 0216 578 00 / erdem.soztutar@yeditepe.edu.tr

Cenk Anda  , PhD, Assist. Prof. (Co-coordinator), 0216 578 00 00 / cenk.andac@yeditepe.edu.tr

Bařak Aru, PhD, Assist. Prof. (Co-coordinator), 0216 578 00 00 / basak.aru@yeditepe.edu.tr

Didem Seven, PhD, Instructor (Co-coordinator), 0216 578 00 00 / didem.seven@yeditepe.edu.tr

G  ldal   zbirak, MD, Prof (ICP Coordinator), 0216 578 00 00 / gizbirak@yeditepe.edu.tr

Bur  in Tuvana Us, MD, Instructor (ICP Co-coordinator), 0216 578 00 00 / tuvana.us@yeditepe.edu.tr

Duygu Altıparmak, MD, Instructor (ICP Co-Coordinator), 0216 578 00 00 / duygu.altiparmak@yeditepe.edu.tr

H. Yasin Delibař, MSc (CSL Laboratory Responsible Staff), 0216 578 00 00 / yasin.delibas@yeditepe.edu.tr

Seda G. Yılmaz, PhD. Assoc. Prof. (Elective Courses Coordinator), 0216 578 00 00 / seda.gulec@yeditepe.edu.tr

Ahmet Sa  , MD, Instructor (Elective Courses Co-coordinator) 216 578 00 00 / ahmet.sac@yeditepe.edu.tr

Address:

Yeditepe University Faculty of Medicine
  n   Mah. Kayıřda   Caddesi,
26 A  ustos Yerleřimi,
34755 Atařehir,   stanbul

Web : www.yeditepe.edu.tr

<http://www.yeditepe.edu.tr/fakulteler/tip-fakultesi>

e-mail: tipfakdek@yeditepe.edu.tr



YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE

İnönü Mah. Kayışdağı Caddesi,
26 Ağustos Yerleşimi,
34755 Ataşehir, İstanbul

+ 90 216 578 00 00

www.yeditepe.edu.tr
<http://www.yeditepe.edu.tr/fakulteler/tip-fakultesi>
tipfakdek@yeditepe.edu.tr