**GAZI UNIVERSITY FACULTY OF MEDICINE**

**YEAR III, 2024-2025**

**GASTROINTESTINAL SYSTEM COURSE COMMITTEE**

**December 16, 2024- January 16, 2025**

**Examination: January 17, 2025 09:30 AM**

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| **Courses** | **Theoretical** | **Panel** | **Lab.** | **Practice** | **Courses** |
| **INTERNAL MEDICINE (Gastroenterology)** | **18** | **1+1** **(M. Biochemistry/ Internal Medicine)** |  |  | **19** |
| **INTERNAL MEDICINE (Oncology)** | **1** |  |  |  | **1** |
| **PEDIATRICS (Nutrition-Metabolism)**  | **1** |  |  |  | **1** |
| **PEDIATRICS (Gastroenterology-Hepatology)** | **1** |  |  |  | **1** |
| **GENERAL SURGERY** | **1** |  |  |  | **1** |
| **MEDICAL PATHOLOGY** | **17** |  |  |  | **17** |
| **MEDICAL MICROBIOLOGY** | **20** |  | **2** |  | **22** |
| **MEDICAL PHARMACOLOGY** | **5** |  |  |  | **5** |
| **PUBLIC HEALTH** | **1** |  |  |  | **1** |
| **IMMUNOLOGY** | **1** |  |  |  | **1** |
| **MEDICAL BIOCHEMISTRY** | **4** | **1+1** **(M. Biochemistry/ Internal Medicine)** | **2** |  | **7** |
| **NUCLEAR MEDICINE** | **1** |  |  |  | **1** |
| **RADIOLOGY**  | **4** |  |  |  | **4** |
| **TOTAL** | **75** | **2** | **4** |  | **81** |
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| **CLINICAL SKILLS EDUCATION (CSE)** |  |  |  | **1x4** | **4** |
| **ELECTIVE COURSE** | **4x2** |  |  |  | **8** |
| **COMMUNICATION SKILLS** |  |  |  | **3x2** | **6** |
| **MEDICAL ENGLISH** | **4x2** |  |  |  | **8** |
| **TOTAL** | **16** |  |  | **10** | **26** |
| **FREE RUN-TIME** |  |  |

*\*Online lessons Total: 26 work days*

***Medical English (face-to-face):*** Starting from October 04, 2023. It is every Wednesday between 1.30 pm and 3.20 pm.

***Elective Course:*** Starting from October 04, 2023. It is every Wednesday between 3.30 pm and 5.20 pm.

***Free run time definition:*** Individual studying courses intended for learning objectives (clinical skills education, problem based learning, etc.) in accordance with the present committee.

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| **Dean** | Prof.Dr. Alper CEYLAN |
| **Vice Dean**  | Assoc.Prof.Dr. Nazmi Mutlu KARAKAŞ |
| **Vice Dean** | Assoc.Prof.Dr. Asiye UĞRAŞ DİKMEN |
| **Head Coordinator** | Prof.Dr. Çiğdem ÖZER |
| **Assistant Head Coordinator** | Prof.Dr. Akif Muhtar ÖZTÜRK |
| **Assistant Head Coordinator (Eng)** | Prof.Dr. M.Ali ERGÜN |
| **IIIrd year Coordinator** | Assoc.Prof.Dr. Hale Zeynep BATUR ÇAĞLAYAN |
| **Assistant IIIrd year Coordinator** | Assoc.Prof.Dr.Ergin DİLEKÖZ |
| **Assistant IIIrd year Coordinator** | Asist.Prof.Dr. Burak SEZENÖZ |
| **Assistant IIIrd year Coordinator** | Asist.Prof.Dr. Mehmet Arda İNAN |
| **Assistant IIIrd year Coordinator** | Asist.Prof.Dr. Esra ERKOÇ ATAOĞLU |
| **Assistant IIIrd year Coordinator** | Asist.Prof.Dr. Kamil İNCİ |
| **Clinical Skills Education (CSE) Coordinator** | Prof.Dr.Nurten İNAN |
| **Problem Based Learning (PBL) Coordinator** | Prof.Dr.Deniz KARÇALTINCABA |
| **Evidence Based Medicine (EBM) Coordinator** | Prof.Dr. Mehmet Ali ERGÜN |
| **Elective Course Coordinator** | Assoc.Prof.Dr.Ergin DİLEKÖZ |
| **Medical English** | Lecturer Elif KONAK BABAL |

**MEMBERS OF COURSE COMMITTEE**

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| **INTERNAL MEDICINE (Gastroenterology)** | **INTERNAL MEDICINE (Medical****Oncology)** | **PEDIATRICS (Metabolism &****Nutrition)** | **PEDIATRICS (Gastroenterology & Hepatology)** | **MEDICAL MICROBIOLOGY** |
| Dr. Mehmet CİNDORUK-1Dr.Çağdaş Kalkan-3 | Dr. Tarkan KARAKAN-5Dr. Murat KEKİLLİ-8Dr. Ali KARATAŞ-3 | Dr. Fatih GÜRLER-1 | Dr. Aslı İNCİ-1 | Dr. Ödül EĞRİTAŞGÜRKAN | Dr. Kayhan ÇAĞLAR-8Dr. Meltem YALINAY-7Dr. Ayşe KALKANCI-1Dr. Funda DOĞRUMAN AL-2Dr. Ayça E ŞAHİN-2 |
| **MEDICAL PATHOLOGY** | **RADIOLOGY** | **MEDICAL****BIOCHEMISTRY** | **IMMUNOLOGY** | **MEDICAL****PHARMACOLOGY** |
| Dr. Gülen AKYOL-5Dr.Özgür EKİNCİ-11 | Dr. Emetullah Cindil-1Dr. Halit Şendur-2 | Dr.Neslihan BUKAN-1Dr.Aylin SEPİCİ DİNÇER-4 | Dr.Resul KARAKUŞ-1 | Dr.Süreyya BARUNDr.Ergin DİLEKÖZ |
| **GENERAL SURGERY** | **PUBLIC HEALTH** | **NUCLEAR MEDICINE** |
| Dr.Ahmet Çağrı BÜYÜKKASAP-1 | Dr. Cansu ÖZBAŞ-1 | Dr. Ü. Özgür AKDEMİR-1 |

**AIM AND LEARNING OBJECTIVES OF COURSE**

**Aim:** At the end of 26 days of committee course, the students are expected to be able to sort and recite the underlying mechanisms, pathology, biochemical mechanisms, symptomatology, clinical progress, laboratory findings and assessment, imaging findings, and, pharmacological approaches of gastrointestinal system and liver diseases, to be able to enumerate and evaluate the viral, parasitic and bacterial factors causing infections of this system, to be able to comprehend the importance of nutrition in the society and the basic concepts of nutrition.

**LEARNING OBJECTIVES:**

**Knowledge:**

1. To be able to define the terminology and symptomatology of gastrointestinal and hepatobiliary systems and nutrition

2. To be able to evaluate oral and salivary gland diseases, and define pathological basis.

3. To be able to explain the physiopathology of esophageal motor dysfunctions and reflux, describe the pathology and characteristics of diseases

4. To be able to describe the pathology and functional disorders of gastric diseases, recall the

mechanisms of action of drugs used in peptic ulcer.

5. To be able to comprehend the immunological basis of small and large intestine diseases, define pathological and radiological features.

6. To be able to know the approach to diseases with acute and persistent abdominal pain, manage the evaluation of radiological and pharmacological aspects.

7. To be able to define the pathology and symptomatology of liver, biliary tract and pancreatic

diseases, perform the biochemical and radiological assessments.

8. To be able to employ clinical approach to childhood liver diseases.

9. To be able to evaluate clinic and pathology of gastrointestinal system tumors.

10. To be able to define the importance of nutrition, its basic concepts, the prevalence of nutritional deficiencies and the factors affecting them

11. To be able to identify the laboratory techniques and diagnostic criteria for microorganisms that cause gastrointestinal system infections.

**Skills:**

1. To be able to perform the biochemical evaluation of hepatic functions and bilirubin metabolism, and interpret the findings.

2. To be able to practice laboratory diagnosis of the microorganisms (bacteria, viruses and parasites), that cause infections in gastrointestinal and hepatic system.

**Attitude:**

1. To be able to understand the importance of gastrointestinal system diseases, be aware of related symptoms and findings, exert diagnostic approach

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|  | **16.12.2024****Monday** | **17.12.2024****Tuesday** | **18.12.2024****Wednesday** | **19.12.2024****Thursday** | **20.12.2024****Friday** |
| **08:30-09:20** | Free Run-Time | Celiac disease and malabsorption syndromes Dr. T. Karakan | **PHASE I****COURSE II****EXAM** | Bacterial agents ofthe GI tract infection3: SalmonellaDr. A. E. Şahin | Free Run-Time |
| **09:30-10:20** | **Exam Analysis and Feedback****Year III Coordinator** | Etiopathogenesis of Gastrointestinal bleeding Dr. M. Kekilli | Viral agents of theGI tract infection2: Reo, Rota virüsDr. A. E. Şahin | - Epidemiology ofNutritional DiseasesDr. Cansu ÖZBAŞ  |
| **10:30-11:20** | Esophageal motorfunction disordersDr. A. Karataş | The biochemistry of nutritionDr. N. Bukan | Bacterial agents ofthe GI tract infection4: VibrioDr. K. Çağlar | **I**ntroduction to GISradiology andradiology ofesophagus, stomachand duodenumDr. H. Şendur |
| **11:30-12:20** | Gastroesophagealreflux disease andesophagitisDr. A. Karataş | Gastritis and pepticUlcerDr. Ç. Kalkan | Viral agents ofthe GI tractinfection 1:Norovirus andother GIS virusesDr. K. Çağlar |  |
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| **13:30-14:20** | Pathology ofdiseases of themouth and salivary glandsDr. Ö. Ekinci | Pathology ofdiseases of thestomachDr. Ö. Ekinci | MEDICAL ENGLISH | Emetic andantiemetic agentsDr. S. Barun | Drugs used inacid-pepticdiseasesDr. S. Barun |
| **14:30-15:20** | Pathology ofdiseases of the esophagusDr. Ö. Ekinci | Pathology ofdiseases of thestomachDr. Ö. Ekinci | MEDICAL ENGLISH | Pathology ofdiseases of thesmall intestineDr. Ö. Ekinci | Drugs used inacid-pepticdiseasesDr. S. Barun |
| **15:30-16:20** | Pathology ofdiseases of themouth and salivary glandsDr. Ö. Ekinci | Free Run-Time | ELECTIVE COURSE | Pathology ofdiseases of thesmall intestineDr. Ö. Ekinci | Free Run-Time |
| **16:30-17:20** | Free Run-Time | Free Run-Time | ELECTIVE COURSE | Free Run-Time | Free Run-Time |

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|  | **23.12.2024****Monday** | **24.12.2024****Tuesday** | **25.12.2024****Wednesday** | **26.12.2024****Thursday** | **27.12.2024****Friday** |
| **08:30-09:20** | Free Run-Time | Acute abdomenDr.Ç.Büyükkasap | EmergencyRadiology of theabdomen: Theacute abdomenDr. E. Cindil | CirrhosisT. Karakan | **LABORATORY****Medical Microbiology****Parasitic agents of the GI****tract** Dr. F.Doğruman-Al |
| **09:30-10:20** | Parasitic agentsof the GI tractinfection4: NematodesDr. K. Çağlar | Parasiticagents of theGI tractinfection 5:TrematodesDr. K. Çağlar | Irritable bowel syndrome Dr. A. Karataş | Chronic abdominal painT. Karakan |
| **10:30-11:20** | Parasitic agentsof the GI tractinfection4: NematodesDr. K. Çağlar | Parasiticagents of theGI tractinfection 6:CestodesDr. K. Çağlar | Inflammatory bowelDiseasesDr. T. Karakan | Pathology of diseasesof the colonDr. Ö. Ekinci |
| **11:30-12:20** | Parasitic agentsof the GI tractinfection4: NematodesDr. K. Çağlar | Parasiticagents of theGI tractinfection 6:CestodesDr. K. Çağlar | Drug used in amebiasis and helminthic infectionsDr. E. Dileköz | Pathology of diseasesof the colonDr. Ö. Ekinci |
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| **13:30-14:20** | Parasitic agents of theGI tract infection 1:AmebaeDr. Funda D. Al | Pathology of diseasesof the colonDr. Ö. Ekinci | MEDICAL ENGLISH | Antidiarrheal agents and laxativesDr. S. Barun | **LABORATORY****Medical Microbiology****Parasitic agents of the GI****tract** Dr. F.Doğruman-Al |
| **14:30-15:20** | Parasitic agents of the GItract infection 2: Giardia,Balantidium coli,Cryptosporidium,BlastocystisDr. A. Kalkancı | Pathology of diseasesof the colonDr. Ö. Ekinci | MEDICAL ENGLISH | Immunologicalapproaches toinflammatorydiseases of thegastrointestinaltractDr. R. Karakuş  |
| **15:30-16:20** | Parasitic agents of theGI tract infection 3:Isospora, Cyclospora,MicrosporidiaDr. Funda D. Al | HepatosteatosisDr. M. Kekilli | ELECTIVE COURSE | Radiology of thesmall intestine andcolonDr. H. Şendur |
| **16:30-17:20** | ChronicPancreatitisDr. M. Kekilli | Acute pancreatitisDr. M. Kekilli  | ELECTIVE COURSE | GIS and nuclearMedicineDr. Ü. Ö. Akdemir |

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|  | **30.12.2024****Monday** | **31.12.2024****Tuesday** | **01.01.2025****Wednesday** | **02.01.2025****Thursday** | **03.01.2025****Friday** |
| **08:30-09:20** | PANELBilirubinmetabolism andhyperbilirubinemiaDr. M. KekilliDr. A. S. Dinçer | **PHASE II****COURSE II****EXAM** | HAPPY NEW YEAR | Gall bladder andbiliary tractdiseasesDr. M.Cindoruk | **5I EXAMS** |
| **09:30-10:20** | Intra-extrahepaticCholestasisDr.T.Karakan |
| **10:30-11:20** | Liver, pancreasand biliarysystem tumorsDr. F. Gürler | NutritionDr. A. İnci |
| **11:30-12:20** | Acute liver failure Dr. Ç.Kalkan | Chronic hepatitis Dr. Ç. Kalkan |
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| **13:30-14:20** | Hepatosplenomegalyin childhoodDr. Ö. Eğritaş Gürkan | Free Run-Time | HAPPY NEW YEAR | Liver function testsDr. A. Sepici Dinçer | **PHASE II****COURSE II****EXAM** |
| **14:30-15:20** | Radiology ofthe liver,biliary tract andpancreasDr. H. Şendur | Free Run-Time | Liver function testsDr. A. Sepici Dinçer |
| **15:30-16:20** | Free Run-Time | Free Run-Time | Free Run-Time |
| **16:30-17:20** | Free Run-Time | Free Run-Time | Free Run-Time |

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|  | **06.01.2025****Monday** | **07.01.2025****Tuesday** | **08.01.2025****Wednesday** | **09.01.2025****Thursday** | **10.01.2025****Friday** |
| **08:30-09:20** | **Abdominal Examination (CSE)** | **LABORATORY**MedicalBiochemistryTransaminasesDr. A. Sepici | Bacterial agents ofthe gastrointestinaltract infection 1:EnterobacteriaceaeDr. M. Yalınay | Viruses ofHepatitisDr.M. Yalınay | **LABORATORY****Medical Microbiology****Bacterial agents of****the GI tract**Dr. M.Yalınay  |
| **09:30-10:20** | **LABORATORY**Medical BiochemistryTransaminasesDr. A. Sepici | Bacterial agents of the gastrointestinaltract infection 1:EnterobacteriaceaeDr. M. Yalınay | Viruses ofHepatitisDr.M. Yalınay |
| **10:30-11:20** | **LABORATORY**MedicalBiochemistryTransaminasesDr. A. Sepici | Bacterial agents ofthe GI tract infection2: Shigella,Campylobacter,HelicobacterDr. M. Yalınay | Viruses ofHepatitisDr.M. Yalınay |
| **11:30-12:20** | **LABORATORY**Medical BiochemistryTransaminasesDr. A. Sepici | Pathology ofmetabolic liverdisease Dr. G. Akyol | Alcoholic hepatitis Dr. Ç.Kalkan |
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| **13:30-14:20** | Free Run-Time | **LABORATORY**Medical BiochemistryTransaminasesDr. A. Sepici | MEDICAL ENGLISH | Approach to the Pathology of Liver Diseases Dr.G.Akyol | **LABORATORY****Medical Microbiology****Bacterial agents of****the GI tract**Dr. M.Yalınay |
| **14:30-15:20** | Free Run-Time | **LABORATORY**MedicalBiochemistryTransaminasesDr. A. Sepici | MEDICAL ENGLISH | Pathology of endstageliver disease and liver failureDr. G. Akyol |
| **15:30-16:20** | Free Run-Time | **LABORATORY**Medical BiochemistryTransaminasesDr. A. Sepici | ELECTIVE COURSE | Antiviral drugsDr. E. Dileköz |
| **16:30-17:20** | Free Run-Time | **LABORATORY**MedicalBiochemistryTransaminasesDr. A. Sepici | ELECTIVE COURSE | Free Run-Time |

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|  | **13.01.2025****Monday** | **14.01.2025****Tuesday** | **15.01.2025****Wednesday** | **16.01.2025****Thursday** | **17.01.2025****Friday** |
| **08:30-09:20** | Free Run-Time | Free Run-Time | Free Run-Time | **Ist YEAR EXAM** | **III rd YEAR****COURSE IV****EXAM** |
| **09:30-10:20** | Free Run-Time | Free Run-Time | Free Run-Time |
| **10:30-11:20** | Free Run-Time | Free Run-Time | Free Run-Time |
| **11:30-12:20** | Free Run-Time | Free Run-Time | Free Run-Time |
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| **13:30-14:20** | Free Run-Time | Pathology of Pancreas, Gallbladder, and Liver TumorsDr.G.Akyol | MEDICAL ENGLISH | Free Run-Time | Free Run-Time |
| **14:30-15:20** | Modulation of MicrobiotaDr. M. Yalınay  | Pathological Approach to Chronic HepatitisDr.G.Akyol | MEDICAL ENGLISH | Free Run-Time | Free Run-Time |
| **15:30-16:20** | Pathology ofdisease of exocrinepancreas andgallbladderDr.G.Akyol | Vascular Diseases of LiverDr.G.Akyol | ELECTIVE COURSE | Free Run-Time | Free Run-Time |
| **16:30-17:20** | Approach to Cholestatic Liver DiseasesDr. G. Akyol | Free Run-Time | ELECTIVE COURSE | Free Run-Time | Free Run-Time |

**EXAM**

**January 17, 2025**

**09:30 AM**