

**GAZI UNIVERSITY FACULTY OF MEDICINE**

**PHASE III 2020-2021**

**GASTROINTESTINAL SYSTEM COURSE COMMITTEE**

**December 22<sup>nd</sup>, 2020 - January 14<sup>th</sup>, 2021, Examination (online): January 15<sup>th</sup>, 2021**

**Main Examination (Face to face): March 15<sup>th</sup>, 2021**

<b>Courses</b>	<b>Theoretical</b>	<b>Panel</b>	<b>Lab.</b>	<b>Practice</b>	<b>Courses</b>
<b>INTERNAL MEDICINE (Gastroenterology)</b>	19	1+1 (M.Biochemistry/ Internal medicine)			20
<b>INTERNAL MEDICINE (Oncology)</b>	1				1
<b>GENERAL SURGERY</b>	1				1
<b>PEDIATRICS Nutrition-Metabolism</b>	1				1
<b>PEDIATRICS Gastroenterology</b>	1				1
<b>MEDICAL PATHOLOGY</b>	17				17
<b>MEDICAL MICROBIOLOGY</b>	19		2×8		35
<b>MEDICAL PHARMACOLOGY</b>	5				5
<b>MEDICAL BIOCHEMISTRY</b>	4	1+1 (M.Biochemistry/ Internal medicine)	1×4		10
<b>PUBLIC HEALTH</b>	1				1
<b>IMMUNOLOGY</b>	1				1
<b>NUCLEAR MEDICINE</b>	1				1
<b>RADIOLOGY</b>	4				4
<b>TOTAL</b>	75	2	20		98
<b>CLINICAL SKILLS EDUCATION (CSE) (Abdomen Examination Skill)</b>				<b>1X4</b>	4
<b>COMMUNICATION SKILLS</b>	2			<b>6X2</b>	14
<b>ELECTIVE COURSE</b>	4×2				8
<b>MEDICAL ENGLISH</b>	4×2				8
<b>TOTAL</b>	18			16	34
<b>FREE RUN-TIME</b>	65				

<b>Dean</b>	Prof. Dr. Mustafa Necmi İLHAN
<b>Vice Dean</b>	Assoc. Prof.Dr. İlyas OKUR
<b>Vice Dean</b>	Assoc. Prof.Dr. Özlem GÜZEL TUNÇKAN
<b>Head Coordinator</b>	Prof. Dr. Çiğdem ÖZER
<b>Assistant Head Coordinator (Eng.)</b>	Prof. Dr. Mehmet Ali ERGÜN
<b>Assistant Head Coordinator</b>	Prof. Dr.Akif Muhtar ÖZTÜRK
<b>Assistant Head Coordinator</b>	Assoc. Prof.Dr. Özlem COŞKUN
<b>Phase III Coordinator</b>	Assoc. Prof.Dr. Pınar UYAR GÖÇÜN
<b>Assistant Phase III Coordinator (Eng)</b>	Assoc. Prof.Dr. Ergin DİLEKÖZ
<b>Assistant Phase III Coordinator (Eng)</b>	Assoc. Prof.Dr. Hale Z. BATUR ÇAĞLAYAN
<b>Assistant Phase III Coordinator</b>	Assoc. Prof.Dr Muhittin YALÇIN
<b>Assistant Phase III Coordinator</b>	Asist.Prof..Dr. Salih TOPAL
<b>Assistant Phase III Coordinator</b>	Asist.Prof. Dr. Mutlu KARAKAŞ
<b>Course Committee Head</b>	Prof.Dr. Mehmet İBİŞ

<b>Communcation Skill Coordinator</b>	Prof.Dr. Bülent BOYACI
<b>Clinical Skills Education (CSE) Coordinator</b>	Assoc.Prof. Dr. Melda Türkoğlu
<b>Elective Course Coordinator</b>	Assoc. Prof.Dr. Ergin DİLEKÖZ
<b>Medical English</b>	Lecturer Sibel ÖZKIN

### MEMBERS OF COURSE COMMITTEE

INTERNAL MEDICINE		PEDIATRICS	
Gastroenterology	Medical Oncology	Gastroenterology	Metabolism & Nutrition
Dr. Mehmet CİNDORUK Dr. Tarkan KARAKAN Dr. Mehmet İBİŞ Dr. İbrahim DOĞAN Dr.Murat KEKİLLİ	Dr.Nuriye ÖZDEMİR	Dr. Ödül EĞRİTAŞ GÜRKAN	Dr. Fatih S. EZGÜ
		<b>MEDICAL PATHOLOGY</b>	<b>MEDICAL PHARMACOLOGY</b>
		Dr. Gülen AKYOL Dr.Özgür EKİNCİ	Dr.Süreyya BARUN Dr.Ergin DİLEKÖZ
<b>MEDICAL MICROBIOLOGY</b>	<b>PUBLIC HEALTH</b>	<b>RADIOLOGY</b>	<b>GENERAL SURGERY</b>
Dr. Kayhan ÇAĞLAR Dr. Meltem YALINAY Dr. Ayşe KALKANCI Dr. Funda DOĞRUMAN AL	Dr. F. Nur B. AKSAKAL	Dr.Mahinur Cerit Dr.Halit.Şendur Dr.Emetullah Cindil	Dr. Ömer ŞAKRAK
	<b>NUCLEAR MEDICINE</b>	<b>MEDICAL BIOCHEM.</b>	<b>IMMUNOLOGY</b>
	Dr. Ü. Özgür AKDEMİR	Dr.Neslihan BUKAN Dr.Aylin SEPİCİ DİNÇER	Dr.Resul KARAKUŞ

## ***AIM AND LEARNING OBJECTIVES FOR COURSE COMMITTEE***

**Aim:** At the end of 17 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

	<b>December 21, 2020 MONDAY</b>	<b>December 22, 2020 TUESDAY</b>	<b>December 23, 2020 WEDNESDAY</b>	<b>December 24, 2020 THURSDAY</b>	<b>December 25, 2020 FRIDAY</b>
<b>10:00- 10:30</b>	<b>PHASE III COURSE III EXAM</b>	Free Run-Time	Gastrointestinal bleeding  <b>Dr. M. Kekilli</b>	Acute pancreatitis  <b>Dr.M.Kekilli</b>	Pathology of diseases of the colon  Dr. Ö. Ekinici
<b>10:30- 11:00</b>		Pathology of diseases of the mouth and salivary glands  Dr. Ö. Ekinici	Gastritis and peptic ulcer  Dr.M. İbiş	Chronic pancreatitis  <b>Dr.M.Kekilli</b>	Pathology of diseases of the colon  Dr. Ö. Ekinici
<b>11:00- 11:30</b>		Pathology of diseases of the mouth and salivary glands  Dr. Ö. Ekinici	Esophageal motor function disorders  Dr.İ. Doğan	Pathology of diseases of the small intestine  Dr. Ö. Ekinici	Emergency Radiology of the abdomen: The acute abdomen  Dr.E.Cindil
<b>11:30- 12:00</b>		Pathology of diseases of the esophagus  Dr. Ö. Ekinici	Functional gastrointestinal disorders  Dr. İ. Doğan	Pathology of diseases of the small intestine  Dr. Ö. Ekinici	Acute abdomen  <b>Dr. Ö.Şakrak</b>
<b>14:00- 14:30</b>	Free Run-Time	Bacterial agents of the gastrointestinal tract infection 1: Enterobacteriaceae  Dr. M. Yalınay	Pathology of diseases of the stomach  Dr. Ö. Ekinici	Emetic and antiemetic agents  <b>Dr. S.Barun</b>	Introduction to GIS radiology and radiology of esophagus, stomach and duodenum  Dr.H.Şendur
<b>14:30- 15:00</b>	Free Run-Time	Bacterial agents of the gastrointestinal tract infection 1: Enterobacteriaceae  Dr. M. Yalınay	Pathology of diseases of the stomach  Dr. Ö. Ekinici	Drugs used in acid-peptic diseases  <b>Dr. S.Barun</b>	Radiology of the small intestine and colon  Dr.H.Şendur
<b>15:00- 15:30</b>	Free Run-Time	Gastroesophageal reflux disease and esophagitis  Dr. İ. Doğan	Gall bladder and biliary tract diseases  Dr.M.Cindoruk	Drugs used in acid-peptic diseases  <b>Dr. S.Barun</b>	Chronic abdominal pain  Dr. T. Karakan
<b>15:30- 16:00</b>	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time

	<b>December 28, 2020 MONDAY</b>	<b>December 29, 2020 TUESDAY</b>	<b>December 30, 2020 WEDNESDAY</b>	<b>December 31, 2020 THURSDAY</b>	<b>January 1, 2021 FRIDAY</b>
<b>10:00-10:30</b>	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time	<b>New Year Vacation</b>
<b>10:30-11:00</b>	Bacterial agents of the GI tract infection 2: Shigella, Campylobacter, Helicobacter Dr. M. Yalınay	Immunological approaches to inflammatory diseases of the gastrointestinal tract <b>Dr. R.Karakuş</b>	Free Run-Time	Free Run-Time	
<b>11:00-11:30</b>	Bacterial agents of the GI tract infection 4: Vibrio Dr. K. Çağlar	Parasitic agents of the GI tract infection 2: Giardia, Balantidium coli, Cryptosporidium, Blastocystis Dr. A. Kalkancı	Free Run-Time	Free Run-Time	
<b>11:30-12:00</b>	Viral agents of the GI tract infection 1: Norovirus and other GIS viruses Dr. K. Çağlar	Drugs used in amebiasis and helminthic infections Dr. E. Dileköz	Free Run-Time	Free Run-Time	
<b>14:00-14:30</b>	Malabsorption Dr. T. Karakan	Bacterial agents of the GI tract infection 3: Salmonella Dr. Funda D. Al	Free Run-Time	Free Run-Time	
<b>14:30-15:00</b>	Malabsorption Dr. T. Karakan	Viral agents of the GI tract infection 2: Reo, Rota virus Dr. Funda D. Al	Free Run-Time	Free Run-Time	<b>New Year Vacation</b>
<b>15:00-15:30</b>	Inflammatory bowel diseases Dr. T. Karakan	Parasitic agents of the GI tract infection 1: Amebae Dr. Funda D. Al	Free Run-Time	Free Run-Time	
<b>15:30-16:00</b>	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time	

	<b>January 4, 2021 MONDAY</b>	<b>January 5, 2021 TUESDAY</b>	<b>January 6, 2021 WEDNESDAY</b>	<b>January 7, 2021 THURSDAY</b>	<b>January 8, 2021 FRIDAY</b>
<b>10:00-10:30</b>	Parasitic agents of the GI tract infection 4: Nematodes  Dr. K. Çağlar	Parasitic agents of the GI tract infection 5: Trematodes  Dr. K. Çağlar	Liver function tests  <b>Dr.A.Sepici Dinçer</b>	<b>The biochemistry of nutrition</b>  <b>Dr. N.Bukan</b>	Intra-extrahepatic cholestasis  Dr.T.Karakan
<b>10:30-11:00</b>	Parasitic agents of the GI tract infection 4: Nematodes  Dr. K. Çağlar	Parasitic agents of the GI tract infection 6: Cestodes  Dr. K. Çağlar	Liver function tests  <b>Dr.A.Sepici Dinçer</b>	<b>The biochemistry of nutrition</b>  <b>Dr. N.Bukan</b>	End stage liver disease  Dr. T.Karakan
<b>11:00-11:30</b>	Parasitic agents of the GI tract infection 4: Nematodes  Dr. K. Çağlar	Parasitic agents of the GI tract infection 6: Cestodes  Dr. K. Çağlar	Epidemiology of Nutritional Diseases  Dr. F Nur B. Aksakal	Alcoholic and non-alcoholic hepatosteatosis  <b>Dr. İ.Doğan</b>	End stage liver disease  Dr. T.Karakan
<b>11:30-12:00</b>	Free Run-Time	Free Run-Time	Free Run-Time	Liver, pancreas and biliary system tumors  <b>Dr. N.Özdemir</b>	End stage liver disease  Dr. T.Karakan
<b>14:00-14:30</b>	Anti-diarrheal agents and laxatives  <b>Dr. S.Barun</b>	<b>PANEL</b>  Bilirubin metabolism and hyperbilirubinemia  <b>Dr. M.Kekilli</b> <b>Dr.A.Sepici Dinçer</b>	Viruses of hepatitis  Dr.M. Yalınay	GIS and nuclear medicine  Dr.Ü.Ö.Akdemir	Chronic hepatitis  <b>Dr. M.İbiş</b>
<b>14:30-15:00</b>	Parasitic agents of the GI tract infection 3: Isospora, Cyclospora, Microsporidia  Dr. Funda D. Al		Viruses of hepatitis  Dr.M. Yalınay	Radiology of the liver, biliary tract and pancreas  Dr.H.Şendur	Acute liver failure  Dr. M. İbiş
<b>15:00-15:30</b>	Free Run-Time	Hepatosplenomegaly in childhood  Dr.Ö.Eğritaş Gürkan	Viruses of hepatitis  Dr.M. Yalınay	Free Run-Time	Pathology of pancreas, gallbladder and liver tumors  Dr.G.Akyol
<b>15:30-16:00</b>	Free Run-Time	Nutrition  Dr. FS Ezgü	Free Run-Time	Free Run-Time	Pathology of disease of exocrine pancreas and gallbladder  Dr.G.Akyol

	<b>January 11, 2021 MONDAY</b>	<b>January 12, 2021 TUESDAY</b>	<b>January 13, 2021 WEDNESDAY</b>	<b>January 14, 2021 THURSDAY</b>	<b>January 15, 2021 FRIDAY</b>
<b>10:00- 10:30</b>	Free Run-Time	Approach to pathology of liver disease  Dr. G. Akyol	Free Run-Time	Free Run-Time	Free Run-Time
<b>10:30- 11:00</b>	Free Run-Time	Vascular disease of liver  Dr. G. Akyol	Free Run-Time	Free Run-Time	Free Run-Time
<b>11:00- 11:30</b>	Free Run-Time	Pathology of metabolic liver disease  Dr. G. Akyol	Free Run-Time	Free Run-Time	<b>PHASE III COURSE IV EXAM</b>
<b>11:30- 12:00</b>	Free Run-Time	Approach to pathology of cholestatic liver disease  Dr. G. Akyol	Free Run-Time	Free Run-Time	
<b>14:00- 14:30</b>	Free Run-Time	Approach to pathology of chronic hepatitis  Dr.G.Akyol	Free Run-Time	Free Run-Time	Free Run-Time
<b>14:30- 15:00</b>	Free Run-Time	Pathology of end-stage liver disease and liver disease  Dr. G. Akyol	Free Run-Time	Free Run-Time	Free Run-Time
<b>15:00- 15:30</b>	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time
<b>15:30- 16:00</b>	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time

## **EXAMS**

### **Course IV Exam:**

**Examination (online): January 15<sup>th</sup>, 2021**

**Main Examination (Face to face): March 15<sup>th</sup>, 2021**