

GAZI UNIVERSITY FACULTY OF MEDICINE

PHASE III 2018-2019

GASTROINTESTINAL SYSTEM COURSE COMMITTEE

December 27st, 2018 - February 12th, 2019, Examination: February 13th, 2019- 9.30am

Semester Holiday: January 19th –February 3th, 2019

| Courses | Theoretical | Panel | Lab. | Practice | Courses |
|---|--------------------|---|-------------|--------------------|----------------|
| INTERNAL MEDICINE (Gastroenterology) | 20 | 1+1 (M.Biochemistry/ Internal medicine) | | | 21 |
| INTERNAL MEDICINE (Oncology) | 1 | | | | 1 |
| GENERAL SURGERY | 1 | | | | 1 |
| PEDIATRICS Nutrition-Metabolism | 1 | | | | 1 |
| PEDIATRICS Gastroenterology | 1 | | | | 1 |
| MEDICAL PATHOLOGY | 17 | | | 1×2 | 19 |
| MEDICAL MICROBIOLOGY | 19 | | 2×8 | | 35 |
| MEDICAL PHARMACOLOGY | 5 | | | | 5 |
| MEDICAL BIOCHEMISTRY | 3 | 1+1 (M.Biochemistry/ Internal medicine) | 1×3 | | 7 |
| PUBLIC HEALTH | 1 | | | | 1 |
| IMMUNOLOGY | 1 | | | | 1 |
| NUCLEAR MEDICINE | 1 | | | | 1 |
| RADIOLOGY | 4 | | | | 3 |
| TOTAL | 75 | 2 | 19 | 2 | 98 |
| | | | | | |
| CLINICAL SKILLS EDUCATION (CSE) (Nasogastric Catheter Insertion) (Abdomen Examination Skill) | | | | 1×4 1X4 | 8 |
| PROBLEM BASED LEARNING | | | | 3X2 | 6 |
| ELECTIVE COURSE | 3×2 | | | | 6 |
| MEDICAL ENGLISH | 3×2 | | | | 6 |
| TOTAL | 12 | | | 4 | 26 |
| FREE RUN-TIME | | | | | 61 |

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|--|---|
| Dean | Prof. Dr. Mehmet Sadık DEMIRSOY |
| Vice Dean | Assoc. Prof.Dr. Taner AKAR |
| Vice Dean | Assoc. Prof.Dr.Sevil ÖZGER-İLHAN |
| Head Coordinator | Prof. Dr. Çiğdem ÖZER |
| Assistant Head Coordinator (Eng.) | Prof. Dr. Mehmet Ali ERGÜN |
| Assistant Head Coordinator | Prof. Dr. İrem BUDAKOĞLU |
| Assistant Head Coordinator | Assoc. Prof.Dr. L.Arzu ARAL |
| Phase III Coordinator | Assoc. Prof.Dr. İlyas OKUR |
| Assistant Phase III Coordinator | Assoc. Prof.Dr. Ergin DİLEKÖZ |
| Assistant Phase III Coordinator | Assoc. Prof.Dr. Pınar UYAR GÖÇÜN |
| Assistant Phase III Coordinator (Eng) | Lecturer.Dr. Salih TOPAL |
| Assistant Phase III Coordinator | Lecturer Dr. Hale Zeynep BATUR ÇAĞLAYAN |
| Assistant Phase III Coordinator | Lecturer Dr. Mutlu KARAKAŞ |
| Course Committee Head | Prof.Dr. Mehmet İBİŞ |

| | |
|--|-------------------------------|
| Problem Based Learning (PBL) Coordinator | Prof.Dr. Nur BARAN AKSAKAL |
| Clinical Skills Education (CSE) Coordinator | Lecturer Dr.Baybars ATAĞLU |
| Elective Course Coordinator | Assoc. Prof.Dr. Ergin DİLEKÖZ |
| Medical English | Lecturer Sibel ÖZKIN |

MEMBERS OF COURSE COMMITTEE

| INTERNAL MEDICINE | | | | PEDIATRICS | |
|-----------------------------|-----------------------|--------------------------|-------------------------|--------------------------|-----------------------------|
| Gastroenterology | | | Medical Oncology | Gastroenterology | Metabolism & Nutrition |
| Dr. Seren ÖZENİRLER | Dr. Mehmet CİNDORUK | Dr. Tarkan KARAKAN | Dr.Nazan GÜNEL | Dr. Ödül EĞRİTAŞ GÜRKAN | Dr. Fatih S. EZGÜ |
| Dr. Mehmet İBİŞ | Dr. Mehmet ARHAN | Dr. İbrahim DOĞAN | GENERAL SURGERY | MEDICAL PATHOLOGY | |
| | | | Dr. Ömer ŞAKRAK | Dr. Gülen AKYOL | Dr.Özgür EKİNCİ |
| MEDICAL MICROBIOLOGY | | PUBLIC HEALTH | RADIOLOGY | | |
| Dr. Kayhan ÇAĞLAR | Dr. Meltem YALINAY | Dr. F. Nur B. AKSAKAL | Dr. Suna Ö. OKTAR | Dr. Cem YÜCEL | Dr. Yusuf ÖNER |
| Dr. Ayşe KALKANCI | Dr. Funda DOĞRUMAN AL | NUCLEAR MEDICINE | MEDICAL BIOCHEM. | IMMUNOLOGY | MEDICAL PHARMACOLOGY |
| | | Dr. Neşe ILGIN KARABACAK | Dr.Cemal ÇEVİK | Dr.Ayşegül ATAK YÜCEL | Dr.Ergin DİLEKÖZ |

AIM AND LEARNING OBJECTIVES FOR COURSE COMMITTEE

Aim: At the end of 24 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

| | December 24, 2017 MONDAY | December 25, 2017 TUESDAY | December 26, 2017 WEDNESDAY | December 27, 2017 THURSDAY | December 28, 2017 FRIDAY |
|-----------------|--------------------------------|---------------------------------|-------------------------------------|---|---|
| 08:30- 09:20 | PHASE III COURSE III | PHASE III COURSE III | PHASE III COURSE III EXAM | Free Run-Time | Pathology of diseases of the stomach Dr. Ö. Ekinçi |
| 09:30- 10:20 | PHASE III COURSE III | PHASE III COURSE III | | Pathology of diseases of the mouth and salivary glands Dr. Ö. Ekinçi | Pathology of diseases of the stomach Dr. Ö. Ekinçi |
| 10:30- 11:20 | PHASE III COURSE III | PHASE III COURSE III | | Pathology of diseases of the mouth and salivary glands Dr. Ö. Ekinçi | Esophageal motor function disorders Dr.İ. Doğan |
| 11:30- 12:20 | PHASE III COURSE III | PHASE III COURSE III | | Pathology of diseases of the esophagus Dr. Ö. Ekinçi | Gastroesophageal reflux disease and esophagitis Dr. İ. Doğan |
| | | | | | |
| 13:30- 14:20 | PHASE III COURSE III | PHASE III COURSE III | ELECTIVE COURSE | Bacterial agents of the gastrointestinal tract infection 1: Enterobacteriaceae Dr. M. Yalınay | Gastrointestinal bleeding Dr. M. İbiş |
| 14:30- 15:20 | PHASE III COURSE III | PHASE III COURSE III | ELECTIVE COURSE | Bacterial agents of the gastrointestinal tract infection 1: Enterobacteriaceae Dr. M. Yalınay | Gastritis and peptic ulcer Dr.M. İbiş |
| 15:30- 16:20 | PHASE III COURSE III | PHASE III COURSE III | MEDICAL ENGLISH | Questions Analysis of 1st Committee Exam and Feedback Lecturer and coordinators | Free Run-Time |
| 16:30- 17:20 | PHASE III COURSE III | PHASE III COURSE III | MEDICAL ENGLISH | Free Run-Time | Free Run-Time |

| | December 31, 2018 MONDAY | January 1, 2019 TUESDAY | January 2, 2019 WEDNESDAY | January 3, 2019 THURSDAY | January 4, 2019 FRIDAY |
|-------------------------|---|------------------------------------|---|--|---|
| 08:30- 09:20 | Free Run-Time | NEW YEAR VACATION | Free Run-Time | Free Run-Time | Emergency Radiology of the abdomen: The acute abdomen Dr.Y. Öner |
| 09:30- 10:20 | Free Run-Time | | Functional gastrointestinal disorders Dr. İ. Doğan | Introduction to GIS radiology and radiology of esophagus, stomach and duodenum Dr.S.Ö. Oktar | Acute abdomen Dr. Ö.Şakrak |
| 10:30- 11:20 | Free Run-Time | | Pathology of diseases of the small intestine Dr. Ö. Ekinçi | Acute pancreatitis Dr.T. Karakan | Gall bladder and biliary tract diseases Dr.M.Cindoruk |
| 11:30- 12:20 | Free Run-Time | | Pathology of diseases of the small intestine Dr. Ö. Ekinçi | Chronic pancreatitis Dr.T. Karakan | Pathology of disease of exocrine pancreas and gallbladder Dr.G.Akyol |
| | | | | | |
| 13:30- 14:20 | Free Run-Time | NEW YEAR VACATION | ELECTIVE COURSE | Drugs used in acid-peptic diseases Dr.E. Dileköz | Chronic abdominal pain Dr. T. Karakan |
| 14:30- 15:20 | Free Run-Time | | ELECTIVE COURSE | Drugs used in acid-peptic diseases Dr.E. Dileköz | Bacterial agents of the GI tract infection 3: Salmonella Dr. Funda D. Al |
| 15:30- 16:20 | Free Run-Time | | MEDICAL ENGLISH | Emetic and antiemetic agents Dr. E. Dilekoz | Bacterial agents of the GI tract infection 2: Shigella, Campylobacter, Helicobacter Dr. M. Yalınay |
| 16:30- 17:20 | Free Run-Time | | MEDICAL ENGLISH | Free Run-Time | Free Run-Time |

| | January 7, 2019 MONDAY | January 8, 2019 TUESDAY | January 9, 2019 WEDNESDAY | January 10, 2019 THURSDAY | January 11, 2019 FRIDAY |
|-------------------------|---|---|--|--|---|
| 08:30- 09:20 | Malabsorption Dr. T. Karakan | Free Run-Time | Parasitic agents of the GI tract infection 4: Nematodes Dr. K. Çağlar | Radiology of the small intestine and colon Dr.C.Yücel | Free Run-Time |
| 09:30- 10:20 | Malabsorption Dr. T. Karakan | Free Run-Time | Parasitic agents of the GI tract infection 4: Nematodes Dr. K. Çağlar | Liver function tests Dr.C.Çevik | Drugs used in amebiasis and helminthic infections Dr. E. Dilekoz |
| 10:30- 11:20 | Bacterial agents of the GI tract infection 4: Vibrio Dr. K. Çağlar | Problem Based Learning 1st Section | Parasitic agents of the GI tract infection 4: Nematodes Dr. K. Çağlar | Liver function tests Dr.C.Çevik | Anti-diarrheal agents and laxatives Dr. E. Dilekoz |
| 11:30- 12:20 | Viral agents of the GI tract infection 1: Norovirus and other GIS viruses Dr. K. Çağlar | | Hepatosplenomegaly in childhood Dr.Ö.Eğritaş Gürkan | Immunological approaches to inflammatory diseases of the gastrointestinal tract Dr. A. Atak Yücel | Parasitic agents of the GI tract infection 3: Isospora, Cyclospora, Microsporidia Dr. Funda D. Al |
| 13:30- 14:20 | Viral agents of the GI tract infection 2: Reo, Rota virus Dr. Funda D. Al | Parasitic agents of the GI tract infection 2: Giardia, Balantidium coli, Cryptosporidium, Blastocystis Dr. A. Kalkancı | ELECTIVE COURSE Final Exam | Inflammatory bowel diseases Dr. T. Karakan | Viruses of hepatitis Dr.M. Yalınay |
| 14:30- 15:20 | Parasitic agents of the GI tract infection 1: Amebae Dr. Funda D. Al | Parasitic agents of the GI tract infection 5: Trematodes Dr. K. Çağlar | ELECTIVE COURSE Final Exam | MEDICAL SCHOOL PROGRESS TEST (All Periods) | Viruses of hepatitis Dr.M. Yalınay |
| 15:30- 16:20 | Pathology of diseases of the colon Dr. Ö. Ekinci | Parasitic agents of the GI tract infection 6: Cestodes Dr. K. Çağlar | MEDICAL ENGLISH Final Exam | | Viruses of hepatitis Dr.M. Yalınay |
| 16:30- 17:20 | Pathology of diseases of the colon Dr. Ö. Ekinci | Parasitic agents of the GI tract infection 6: Cestodes Dr. K. Çağlar | MEDICAL ENGLISH Final Exam | | Free Run-Time |

| | January 14, 2019 MONDAY | January 15, 2019 TUESDAY | January 16, 2019 WEDNESDAY | January 17, 2019 THURSDAY | January 18, 2019 FRIDAY |
|-------------------------|---|---|--|--|---|
| 08:30- 09:20 | Free Run-Time | Free Run-Time | Clinical Skills Education (Nasogastric Catheter Insertion Skill) | Free Run-Time | Free Run-Time |
| 09:30- 10:20 | Free Run-Time | Free Run-Time | | Free Run-Time | End stage liver disease Dr. T.Karakan |
| 10:30- 11:20 | PANEL Bilirubin metabolism and hyperbilirubinemia | Problem Based Learning 2nd Section | | Approach to pathology of chronic hepatitis Dr.G.Akyol | End stage liver disease Dr. T.Karakan |
| 11:30- 12:20 | Dr. S. Ozenirler Dr.C.Çevik | | | Pathology of end- stage liver disease and liver disease Dr. G. Akyol | End stage liver disease Dr. T.Karakan |
| | | | | | |
| 13:30- 14:20 | Intra-extrahepatic cholestasis Dr.T.Karakan | Approach to pathology of liver disease Dr. G. Akyol | Acute liver failure Dr. M. İbiş | Alcoholic and non-alcoholic hepatosteatois Dr. S. Özenirler | Clinical Skills Education (Abdomen Examination Skill) |
| 14:30- 15:20 | Epidemiology of Nutritional Diseases Dr. F Nur B. Aksakal | Vascular disease of liver Dr. G. Akyol | Pathology of metabolic liver disease Dr. G. Akyol | Chronic hepatitis Dr. S. Özenirler | |
| 15:30- 16:20 | Nutrition Dr. FS Ezgü | Free Run-Time | Approach to pathology of cholestatic liver disease Dr. G. Akyol | Free Run-Time | |
| 16:30- 17:20 | Free Run-Time | Free Run-Time | Free Run-Time | Free Run-Time | |

SEMESTER HOLIDAY: January 19th –February 3th, 2019

| - | February 04, 2019 MONDAY | February 05, 2019 TUESDAY | February 06, 2019 WEDNESDAY | February 07, 2019 THURSDAY | February 08, 2019 FRIDAY |
|-------------------------|--|---|--|---|---|
| 08:30- 09:20 | Free Run-Time | Free Run-Time | Free Run-Time | LABORATORY Medical Microbiology Enterobacteriaceae | LABORATORY Microbiology Helminths and gastrointestinal tract protozoa |
| 09:30- 10:20 | Free Run-Time | Free Run-Time | Free Run-Time | LABORATORY Medical Microbiology Enterobacteriaceae | LABORATORY Microbiology Helminths and gastrointestinal tract protozoa |
| 10:30- 11:20 | Liver, pancreas and biliary system tumors Dr. N.Günel | Problem Based Learning 3rd Section | Free Run-Time | LABORATORY Medical Microbiology Enterobacteriaceae | LABORATORY Microbiology Helminths and gastrointestinal tract protozoa |
| 11:30- 12:20 | Pathology of pancreas, gallbladder and liver tumors Dr.G.Akyol | | Free Run-Time | LABORATORY Medical Microbiology Enterobacteriaceae | LABORATORY Microbiology Helminths and gastrointestinal tract protozoa |
| 13:30- 14:20 | Radiology of the liver, biliary tract and pancreas Dr.S. Ö. Oktar | LABORATORY Medical Biochemistry Transaminases Dr.N.Bukan Dr.A.Sepici Dinçel | Free Run-Time | LABORATORY Medical Microbiology: Enterobacteriaceae | LABORATORY Microbiology Helminths and gastrointestinal tract protozoa |
| 14:30- 15:20 | GIS and nuclear medicine Dr.N. Ilgın Karabacak | LABORATORY Medical Biochemistry Transaminases Dr.N.Bukan Dr.A.Sepici Dinçel | Free Run-Time | LABORATORY Medical Microbiology: Enterobacteriaceae | LABORATORY Microbiology Helminths and gastrointestinal tract protozoa |
| 15:30- 16:20 | PATHOLOGY LAB Gastrointestinal system, liver and gallbladder Dr. G. Akyol Dr.Ö. Ekinci | LABORATORY Medical Biochemistry Transaminases Dr.N.Bukan Dr.A.Sepici Dinçel | Free Run-Time | LABORATORY Medical Microbiology: Enterobacteriaceae | LABORATORY Microbiology Helminths and gastrointestinal tract protozoa |
| 16:30- 17:20 | PATHOLOGY LAB Gastrointestinal system, liver and gallbladder Dr. G. Akyol Dr.Ö. Ekinci | LABORATORY Medical Biochemistry Transaminases Dr.N.Bukan Dr.A.Sepici Dinçel | Free Run-Time | LABORATORY Medical Microbiology: Enterobacteriaceae | LABORATORY Microbiology Helminths and gastrointestinal tract protozoa |

| - | February 11, 2019 MONDAY | February 12, 2019 TUESDAY | February 13, 2019 WEDNESDAY | February 14, 2019 THURSDAY | February 15, 2019 FRIDAY |
|-------------------------|---|--|---|---------------------------------------|---|
| 08:30- 09:20 | Free Run-Time | Free Run-Time | PHASE III COURSE IV EXAM 9.30 AM | PHASE III COURSE V | PHASE III COURSE V |
| 09:30- 10:20 | Free Run-Time | Free Run-Time | | PHASE III COURSE V | PHASE III COURSE V |
| 10:30- 11:20 | Free Run-Time | Free Run-Time | | PHASE III COURSE V | PHASE III COURSE V |
| 11:30- 12:20 | Free Run-Time | Free Run-Time | | PHASE III COURSE V | PHASE III COURSE V |
| 13:30- 14:20 | Free Run-Time | Free Run-Time | | ELECTIVE COURSE | PHASE III COURSE V |
| 14:30- 15:20 | Free Run-Time | Free Run-Time | ELECTIVE COURSE | PHASE III COURSE V | PHASE III COURSE V |
| 15:30- 16:20 | Free Run-Time | Free Run-Time | MEDICAL ENGLISH | PHASE III COURSE V | PHASE III COURSE V |
| 16:30- 17:20 | Free Run-Time | Free Run-Time | MEDICAL ENGLISH | PHASE III COURSE V | PHASE III COURSE V |

EXAM

February 13, 2019, 9.30am