**T.C. MALTEPE UNIVERSITY FACULTY OF ENGLISH MEDICINE**

**UNDERGRADUATE PROGRAM**

**2023-2024 ACADEMIC YEAR**

**EDUCATIONAL INFORMATION PACKAGE**

| **LECTURE INFORMATION** |
| --- |
| **Lecture Name** | Term 3 Vocational Courses | **Lecture Code** | **MED300** |
| **Lecture Term** | 3 | **Lecture Lesson** | Licence | **Lecture Language**  | English |
| **Lecture Mode** | Face-to-face Education, Distance Education or Hybrid Course | **Lecture type** | Compulsory |
| **Prerequisites** | 1. Med 1012. Med 201 |

| **AKTS / ECTS** |
| --- |
| **AKTS Credits** | **Theoretical Hours** | **Practical Hours** |
| 56 | 587 | 12  |

| **EDUCATIONAL COORDINATORS AND FACULTY MEMBERS** |
| --- |
| **Term Coordinator:** Asst. Prof. Dr. Sina Mokhtare**Asistant of Term Coordinator**: Asst. Prof. Dr. Tuğba Gümüştaş  **Lecture Committee Chairs**

| Biological Fundamentals of Diseases II: Neoplasia and Hematopoietic System  | Prof. Dr. Ebru Demiralay |
| --- | --- |
| Biological Fundamentals of Diseases III: Microorganisms and Infectious Diseases | Assoc. Prof. Dr. Aslı Karadeniz |
| Cardiovascular and Respiratory Systems | Asst. Prof. Dr. Tuğba Gümüştaş |
| Gastrointestinal System | Asst. Prof. Dr. Sina Mokhtare |
| Urogenital and Endocrine System  | Prof. Dr. Hasan SOYDAN |
| Neurological Sciences, Psychiatry and Musculoskeletal System | Asst. Prof. Dr. A. Ece Büyüksandalyacı Tunç |
| Public Health and Forensic Medicine | Prof. Dr. Zafer ÖZTEK |

| **Instructors:** Prof. Dr. Çağlar Öğütman, Assoc.Prof. Seyfettin Ilgan, Prof. Dr. A. Neşe Yener, Prof. Dr. A. Haholu, Assoc. Prof. Pınar Buket Thomas, Asst. Prof Çağrı Öner, Asst. Prof Dr A.İ.E. Tekgündüz, Prof. Dr. Gülbüz Sezgin, Prof. Dr. Şükrü Yıldırım, Assoc.Prof. Şafak Göktaş, Prof. Dr. Rahmi Çubuk, Prof. Dr. Arif Şahin Kut, Asst.Prof Ayça Sözen, Asst.Prof Serdar Yılmazer, Asst.Prof Sema Umut, Prof. Dr M. Kürşat Yelken, Prof. Dr. Nesrin Sarıman, , Prof. Dr. Hürrem G. Öngen, Asst Prof Dr Sina Mokhtare, Asst Prof Dr M. Burak Kadıoğlu, Asst.Prof Sancar Bozkurt, Prof. Dr. Hasan Soydan, Prof. Dr. Erhun Kasırga, Prof. Dr. Rahmi Çubuk, Prof. Dr. Berna Haliloğlu Peker, Prof. Dr. Aygen Çelik, Asst.Prof Ali Gürsoy, Prof. Dr. Erdin İlter, Prof. Dr. Itır Yeğenağa, Asst.Prof Eşref Özer, Assoc.Prof. Suat Küçükgöncü, Assoc. Prof. Dr İ. Çağatay Çağlar, Asst.Prof Buğra Çetin, Asst. Prof. Dr A.E. Büyüksandalyacı, Assis. Prof. Dr. T. Şahiner, Asst.Prof Burcu Kök Kendirlioğlu, Asst.Prof Miruna Florentina Ateş, Prof. Dr. Nurdan Kotevoğlu, Asst.Prof Onur Özlem Öztürk, Prof. Dr. Hasan Soydan, Prof. Dr. Zafer Öztek, Prof. Dr. Refik Burgut, Asst.Prof Dr. Kağan Gürpınar, Asst. Prof. Dr. Mukadder Erbilgin, Prof. Dr. Ayşegül Erdemir, Asst. Prof. Dr. Tuğba Gümüştaş, Asst. Prof. Dr Yonca Sekibağ |
| --- |

 |

| **GENERAL OBJECTIVE AND CATEGORY OF THE LECTURE** |
| --- |
| To provide the students with the basic concepts of diseases of body systems (hematopoietic system, immune system, cardiovascular, respiratory, gastrointestinal, genitourinary systems. To give the students the etiopathogenesis, clinical features, diagnostic and therapeutic interventions of these diseases. To give the fundamentals of public health system in Turkey and in the world countries.To give the principles of common biostatistical methods and also medical ethics.

| **LECTURE CATEGORY** |
| --- |
| 1. Basic Vocational Lecture
 | **X** |
| 1. Specialization / Field Lecture
 |  |
| 1. Support Lesson
 |  |
| 1. Transferable Skills Lesson
 |  |
| 1. Humanities, Communication and Management Skills Lessons
 |  |

 |

| **LECTURE BOOKS AND ADDITIONAL READINGS** |
| --- |
| **LECTURE BOOKS** **Basic Books**Anesthesia:\_\_Annual European Resuscitation Council Guidelines (Updated every year or every 2 years).Biochemistry:\_\_ Medical Biochemistry with Subject Lecture with Questions. Editor :Prof. Dr. Dildar Konukoğlu 2018, Nobel Tıp Kitabevleri.Endocrinology \_\_Greenspan's Basic & Clinical Endocrinology; David G Gardner, Dolores Shoback, 10th Edition, 2018.\_\_Geçmişten Geleceğe Endokrinoloji, Endokrinoloji ve Metabolizma Dern, 1. baskı, 2019.İnfection Diseases: \_\_Enfeksiyon Hastalıkları ve Mikrobiyolojisi. Editörler: Ayşe Willke Topçu, Güner Söyletir, Mehmet Doğanay. Nobel Tıp Kitabevi. 4. baskı. 2017\_\_Mandell, Douglas and Bennett’s principles and practice of infectious diseases. Editors: John E. Bennett MD, / Raphael Dolin MD, / Martin J. Blaser MD. Elsevier. 9th Edition. 2019Pharmacology:\_\_ Basic & Clinical Pharmacology, Katzung B. Fifteenth Edition, 2021 by McGraw Hill\_\_Goodman & Gilman's: The Pharmacological Basis of Therapeutics, 13e, 2018, McGraw-Hill \_\_Akılcı Tedavi Yönünden Tıbbi Farmakoloji [Oğuz Kayaalp](https://www.pelikankitabevi.com.tr/oguz-kayaalp) [Pelikan Yayınevi](https://www.pelikankitabevi.com.tr/pelikan-yayinevi) 2021.Physical therapy and rehabilitation: \_\_Frontera, W. R., DeLisa, J. A., Gans, B. M., &amp; Robinson, L. R. (2019). DeLisa&#39;s physicalmedicine and rehabilitation: Principles and Practice. Lippincott Williams & Wilkins.\_\_Hochberg, M. C., Silman, A. J., Smolen, J. S., Weinblatt, M. E., &amp; Weisman, M. H. (Eds.).(2014). Rheumatology E-Book. Elsevier Health Sciences.Gastroenterology:\_\_İç Hastalıkları Gastroenteroloji, Genel editör Prof. Çetin Erol, Editör: Prof. Dr. İlkay Şimşek Yayınevi: NM medikal & Nobel, 2008.\_\_Klinik Gastroenteroloji ve Hepatoloji, Editörler: Prof. Dr. Nurdan Tözün, Prof. Dr. Halis Şimşek, Prof. Dr. Hasan Özkan, Prof. Dr. İlkay Şimşek, Prof. Dr. Ali Gören, Yayınevi: Medikal & Nobel Yayınları, 2007.\_\_Gastroenteroloji Hepatoloji Tanı ve Tedavi, Editörler:  Prof. Dr. Cem Kalaycı-Reşat Dabak, Yayınevi: Ofset Hazırlık, 2010.General Surgery: \_\_Schwartz Cerrahi ilkeleri. Editörler: M. Mahir Özmen Güneş Tıp Kitabevi. 2020\_\_Sabiston Genel Cerrahi. Editörler: M. Ali Gülçelik, H. Erhan Güven.  Güneş Tıp Kitabevi. 2018.Public health:\_\_Halk Sağlığı, Public Health & Preventive Medicine, Halk Sağlığı – Kuramlar ve Uygulamalar.Hematology: \_\_Kenneth Kaushansky, Josef T. Prchal, Linda J. Burns, Marshall A. Lichtman, Marcel Levi, David C. Linch. Williams Hematology, 10th Edition, 2021. \_\_John P. Greer, Daniel A. Arber, Bertil E. Glader, George M. Rodgers, Robert T. Means Wintrobe's Clinical Hematology, 2018.\_\_ Franklin Bunn, Jon C. Aster. Kan Hastalıklarının Patofizyolojisi, 2013. Çeviri Editörü:  Prof. Dr. Teoman Soysal\_\_ Hillman, Ault, Rinder. Klinik Pratikte Hematoloji, 2009. Çeviri Editörü: Prof. Dr. İbrahim C. Haznedaroğluİnternal Medicine: \_\_Harrison’s Internal Medicine. \_\_Cecil’s Internal Medicine. Gynecology and Obstetrics: \_\_Berek and Novak's Gynecology 16th Edition. \_\_Williams Obstetrics, 25th Edition.Ear, nose and throat \_\_Kulak Burun Boğaz Hastalıkları ve Baş -Boyun Cerrahisi, Editör Can Koç Güneş kitabevi, 2004.Nuclear Medicine\_\_Essential Nuclear Medicine Physics, Eds. Rachel A. Powsner and Edward R. Powsner, 2006 Blackwell Publishing Ltd\_\_Nuclear Medicine Textbook, Methodology and Clinical Applications, Eds. DuccioVolterrani, Paola Anna Erba, IgnasiCarrió, H. William Strauss, Springer Nature Switzerland AG 2019Giuliano MarianiNephrology: \_\_Primer on Kidney Disease; National Kidney Foundation. Editor: Arthur Greenberg MD, Saunders Elsevier Philedelphia, PA 19103-2899 USA\_\_Comprehensive Clinical Nephrology Richard J Johnson, John Feehaly, Jürgen Floege Elsevier Saunders. Philedelphia ,PA 19103-2899 USANeurology: \_\_İstanbul Tıp Fakültesi Nöroloji. Editör: Prof Dr.  A Emre Öge, Prof Dr. Betül Baykan, Prof Dr.Başar Bilgiç, Nobel Tıp Kitapevi, 2021. Pathology: \_\_Robbins Pathologic Basis of Disease, 2021, 10. Baskı, Vinay, Kumar Eds. Pediatric: \_\_Nelson’s Textbook of Pediatrics. 21st ed. Kliegman, St Geme. \_\_Olcay Neyzi Pediyatri 5. Baskı. Olcay Neyzi, Türkan Ertuğrul, Feyza Darendeliler. Pscyhiatry: \_\_Öztürk O, Uluşahin A. Ruh Sağlığı ve Bozuklukları, Ankara 2018\_\_Psikiyatri, Nobel kitapevi 2017Radiology:\_\_Toraks Radyolojisi Prof.Dr. Kemal Ödev Nobel Tıp kitabevleri 2005\_\_Osborn’s Brain imaging, pathology,and anatomy/ Anne G. Osborn/Amirsys 2013.History of Medicine and Ethics: \_\_Demirhan,E.A. Tıpta Etik ve Deontoloji,Nobel Tıp Kitabevleri .İstanbul .2011\_\_Harris,J,The Value of Life,Routledge, London and Newyork 1997.Urology\_\_TEMEL ÜROLOJİ, Prof. Dr. Kadri ANAFARTA, Prof. Dr. Nihat ARIKAN, Prof. Dr. Yaşar BEDÜK, Güneş Tıp Kitapevleri, 2011\_\_Smith and Tanagho, General Urology,19th Edition, 2020.**Additional Readings**Biochemistry:\_\_ Contemporary Practice in Clinical Chemistry, Editors: William Clarke,Marc A. Marzinke Fourth Edition. 2020, Academic Press.Endocrinology: \_\_Joslin's Diabetes Mellitus 14th. Ed. Lippincott Williams and Wilkins, 2015.\_\_Harrison Endokrinoloji, J Larry Jameson. Çeviri: Abdullah Bereket. Nobel Tıp Kitabevleri, 2009.Infection Disease: \_\_Harrison’s Infectious Diseases. 3rd Edition. Editors: Dennis L. Kasper, Anthony S. Fauci. Harrison's specialty. 2017.Pharmacology: \_\_Rang & Dale's Pharmacology, 9th Edition, 2018.\_\_Lippincott Illustrated Reviews Pharmacology, [Lippincott Williams & Wilkins](https://www.nobelkitabevi.com.tr/180_lippincott-williams-wilkins), 2018.Physical therapy and rehabilitation: \_\_Firestein, G. S., Budd, R. C., Gabriel, S. E., McInnes, I. B., &amp; O&#39;Dell, J. R. (2012). Kelley&#39, s. Textbook of Rheumatology E-Book. Elsevier Health Sciences.\_\_CIFU, David X. Braddom&#39;s physical medicine and rehabilitation E-book. Elsevier HealthSciences, 2020.Gastroenterology: \_\_ Gastroözofajiyal Reflü Hastalığı, Editör: Prof. Dr. Ömer Özütemiz, Yayıncı: Türk Gastroenteroloji Vakfı Yayınları, 2014.\_\_ İnflamatuvar Barsak Hastalığı, Editör: Prof. Dr. Ülkü Dağlı, Yayınevi: Türk Gastroenteroloji Vakfı, 2014.\_\_Helicobacter Pylori Türkiye, Editör: Prof. Dr. Ali Özden, Yayınevi: Türk Gastroenteroloji Vakfı, 2014.General Surgery: \_\_Genel Cerrahi. Editörler: Ertuğrul Göksoy. Nobel Tıp Kitabevi. 2021.\_\_Temel Cerrahi. Editörler: İskender Sayek. Güneş Tıp Kitabevi. 2009.Hematology: \_\_Wintrobe’un Klinik Hematoloji Atlası, 2020. Yazarlar: Babette B. Weksler , Geraldine P. Schechter , Scott A. Ely. Çeviri editörü: Engin Kelkitli\_\_Hematoloji Atlası, 2020. Yazarlar: İsmet AYDOĞDU, Serdal KORKMAZ, Ayşe KAYAİnternal Medicine:\_\_ https://www.merckmanuals.com/professionalGynecology and Obstetrics: \_\_Speroff's Clinical Gynecologic Endocrinology and Infertility, 9th Edition.\_\_Callen's Ultrasonography in Obstetrics and Gynecology, 6th Edition.Ear, nose and throat:\_\_ Kulak Burun Boğaz baş Boyun Cerrahisi Hastalıkları, Ed: Metin Önerci Güneş Tıp Kitabevi 2018.Nephrology: \_\_Türk Nefroloji Derneği, Nefroloji Kitabı, Editörler: Özkan Güngör. Akademisyen kitabevi AnkaraNuclear Medicine: \_\_Clinical Applications of Nuclear Medicine Targeted Therapy, Eds. Emilio Bombardieri, Ettore Seregni, Laura Evangelista, Carlo Chiesa, Arturo Chiti, Springer International Publishing AG, part of Springer Nature 2018\_\_Clinical Nuclear Medicine, Eds. Hans-JürgenBiersack, L. M. Freeman, Springer-Verlag Berlin Heidelberg 2007\_\_Basic Sciences of Nuclear Medicine, Ed. Magdy M. Khalil, Springer Verlag Berlin Heidelberg 2011A Concise Guide to Nuclear Medicine, Eds. Abdelhamid H. Elgazzar, Saud Alenezi, Springer 2020.Neurology: \_\_Adams and Victor's Principles of Neurology. Editör: Prof Dr Murat Emre. Güneş Tıp Kitapevi, 2011.Pathology:\_\_Pathology Outlines websitesi.Psychiatry: \_\_Kaplan ve Sadock Klinik Psikiyatri El Kitabı, Nobel Tıp, 2020.\_\_Stahl’ın Temel Psikofarmakolojjsi, 2015.Radiology: \_\_Pocket Radiologist Omurga En sık 100 tanı Brant Zawadzki Nobel Tıp Kitapevleri 2003\_\_Pocket Radiologist Pediatrik Nöro En sık 100 tanı Blaser Nobel Tıp Kitapevleri 2006\_\_RSNA journals/ Radiographics makaleler.History of Medicine and Ethics: \_\_Demirhan,E.A.::Medical and Clinical Ethics and Medical History,ACR yayınları,İst.2020.Urology: \_\_Smith ve Tanagho Genel Üroloji, Çeviri editörleri: Prof. Dr. Ateş KADIOĞLU, Prof. Dr. Ali İhsan TAŞÇI, Prof. Dr. Abdurrahim İMAMOĞLU, Güneş Kitabevleri, 2020.\_\_Tıp Fakültesi Öğrencileri için Üroloji Ders kitabı, Doç. Dr. Emrah YÜRÜK, Prof. Dr. Cankon GERMİYANOĞLU, Prof. Dr. Ateş KADIOĞLU, Nobel Tıp Kitabevi, 2021.\_\_Campbell Walsh Urology, 12th edition, 2020. |

| **LECTURE ASSESSMENT AND EVALUATION SYSTEM** |
| --- |
|

| **No.** | **Examination** | **Contribution Rate** |
| --- | --- | --- |
| 1 | Arithmetic Average of End-Committee Theoretical Examinations | %60 |
| 2 | Final Exam / Make-up Exam | %40 |

Assessment and Evaluation System is organized according to Maltepe University Faculty of Medicine Education and Training Regulations. |

| **LECTURE LEARNING OUTCOMES AND SUB-SKILLS** |
| --- |
| Students completing this course;

| No. | Learning Outcome / Sub-Skill | EDUCATION METHODEM) | MEASUREMENT EVALUATION (ME) METHOD |
| --- | --- | --- | --- |
| 1 | Has the ability to summarize the etiopathogenesis, diagnosis and treatment approaches of neoplastic diseases | EM1 | ME1, ME3 |
| 2 | Has the ability to define the microscopic and macroscopic pathological changes in thetissues due to neoplastic diseases | EM1, EM3 | ME1,ME2, ME3 |
| 3 | Has the ability to explain fundamentals of radiodiagnostics, nuclear medicine andradiation oncology | EM1 | ME1, ME3 |
| 4 | Can define primary health care and preventive medicine. Can realize the primarycharacteristics of a physician, basic approach and responsibilities of being a physician. | EM1, EM5 | ME1, ME3 |
| 5 | Can summarize the laboratory approach to evaluate the diseases of the hematopoieticsystem | EM1, EM3 | ME1, ME3 |
| 6 | Can summarize the features of drugs that are used in the treatment of neoplastic diseases | EM1 | ME1, ME3 |
| 7 | Can question and interpret signs and symptoms related to diseases of the hematopoietic system | EM1, EM5 | ME1, ME3 |
| 8 | Can summarize the genetic factors in the etiopathogenesis of neoplastic diseases | EM1 | ME1, ME3 |
| 9 | Can define the bone marrow changes due the pathologies of the hematopoietic system | EM1, EM3 | ME1,ME2, ME3 |
| 10 | Can define the pharmacological basis of the treatment in neoplastic diseases | EM1 | ME1, ME3 |
| 11 | Knows the action mechanism of infectious agents and the drugs used for treatment ofinfectious diseases | EM1 | ME1 |
| 12 | Can explain the methods of taking cell and tissue samples and investigation of these samples for the diagnosis of infectious diseases | EM1 | ME1 |
| 13 | Can explain the immunological concepts and their role in the etiopathogenesis of diseases | EM1 | ME1 |
| 14 | Can define the morphological changes in the tissues during infectious diseases | EM1, EM3 | ME1, ME2 |
| 15 | Knows the symptomatology associated with infectious diseases in adults and children. | EM1,EM4, EM6,EM8 | ME1, ME7 |
| 16 | Can list and apply the principles of obtaining information about the patient’s complaints and | EM1,EM4, EM5,EM8 | ME1, ME7 |
| 17 | Can summarize the clinical and laboratory features, diagnostic methods, radiological and nuclear imaging methods of infectious diseases | EM1 | ME1 |
| 18 | Can summarize the etiopathogenesis, physiopathology and genetic basis of neoplastic and nonneoplastic diseases in adults and children | EM1 | ME1 |
| 19 | Can describe morphological changes of the tissues caused by circulatory and respiratory system diseases | EM1, EM3 | ME1, ME2 |
| 20 | Knows the symptomatology associated with circulatory and respiratory system diseases | EM1,EM4, EM6, EM8 | ME1, ME7 |
| 21 | They can tell and apply the principles of circulatory and respiratory system examination in adults and children and associate them with diseases, | EM1,EM4, EM5,EM8 | ME1, ME7 |
| 22 | To summarize the clinical and laboratory features, diagnostic methods, radiological and nuclear imaging methods of circulatory and respiratory system diseases, | EM1 | ME1 |
| 23 | To summarize the drugs used in circulatory and respiratory system diseases and the principles of treatment approach, | EM1 | ME1 |
| 24 | Define the terminology and symptomatology of the gastrointestinal and hepatobiliary systems | EM2 | ME1 |
| 25 |  Makes differential diagnosis of acute and chronic abdominal pain, uses radiological methods in differential diagnosis, can describe the basic radiological findings, | EM5 | ME3 |
| 26 |  Define the pathogenesis of stomach diseases, describe medical and surgical treatment methods, | EM1 | ME1 |
| 27 | Understands the immunological basis of small and large intestine diseases, can list the pathology and the basic radiological examinations used in the diagnosis of these diseases, describe the basic radiological changes, | EM1 | ME1 |
| 28 | Defines the physiopathology and clinical findings of esophageal diseases, | EM1 | ME1 |
| 29 | Explain the pathology and symptomatology of liver, biliary tract and pancreatic diseases, interpret the basic biochemical changes, list the basic radiological tests used in the diagnosis of these diseases, describe the basic radiological changes, | EM1 | ME1 |
| 30 | Relates the physiopathology of GIS tumors with their symptoms, can list the basic radiological examinations used in the diagnosis of these diseases, describe the basic radiological changes, interpret the basic biochemical changes, define the treatment options, | EM1 | ME1 |
| 31 | Defines surgical treatments and post-surgical complications of GIS diseases. Defines the algorithm for how to manage these situations, | EM1 | ME1 |
| 32 |  Defines the algorithm on how to manage this condition by using anamnesis, physical examination and auxiliary diagnostic methods for the patient with acute abdomen, | EM1  | ME1 |
| 33 |  Can list the basic physiopathology and clinical findings of urogenital system diseases, | EM1 | ME1 |
| 34 | To be able to list the basic laboratory methods used in the diagnosis of urogenital system diseases and make the correct interpretation, | EM1 | ME1 |
| 35 |  List the early diagnosis methods of urogenital system cancers that are common in the community, | EM1 | ME1 |
| 36 |  Explain the effects, mechanisms of action, pharmacokinetics, side effects and drug interactions of drugs used in the treatment of urogenital system diseases, | EM1 | ME1 |
| 37 |  Knows to take anamnesis of urogenital system diseases and can count examination steps, | EM1 | ME1 |
| 38 |  Can list nuclear medicine applications used in urogenital system diseases, | EM1 | ME1 |
| 39 |  Can plan the treatment appropriate for the diagnosis in primary care for male and female urinary system and male genital system diseases, | EM1 | ME1 |
| 40 |  Can list the basic laboratory methods used in the diagnosis of infertility and make the correct interpretation, | EM1 | ME1 |
| 41 |  Can explain the effects, effect mechanisms, pharmacokinetics, side effects and drug interactions of medicine used in the treatment of endocrine system diseases | EM1 | ME1 |
| 42 |  Can tell the early diagnosis methods of endocrine system cancers, that are common in society | EM1 | ME1 |
| 43 |  Can tell the basic physiopathology and clinical findings of endocrine system diseases | EM1 | ME1 |
| 44 |  Has knowledge about the pathology of endocrine system diseases and can count the steps of their treatment | EM1 | ME1 |
| 45 |  Can list the nuclear medicine applications that are used in endocrine system diseases | EM1 | ME1 |
| 46 | Can tell the benign and malignant diseases of the female reproductive system | EM1 | ME1 |
| 47 | Can list the early diagnosis methods of female reproductive system cancers, that are common in society | EM1 | ME1 |
| 48 | Knows the anatomy, functions and radiological imaging findings of female reproductive system | EM1 | ME1 |
| 49 |  Knows the contraception methods and can choose the appropriate one for each patient | EM1 | ME1 |
| 50 | Can explain the steps of approach to a couple with infertility interactions of medicine used in the treatment of female reproductive system diseases, | EM1 | ME1 |
| 51 | Can explain the effects, effect mechanisms, pharmacokinetics, side effects and druginteractions of medicine used in the treatment of female reproductive system diseases, | EM1 | ME1 |
| 52 | Can list the prenatal diagnostic and screening tests | EM1 | ME1 |
| 53 | Can count the steps of vaginal birth | EM1 | ME1 |
| 54 | Can list the basic physiopathology and clinical findings of pregnancy | EM1 | ME1 |
| 55 |  Can define the pathophysiology, pathology, etiology and basic clinical findings of central | EM1, EM2, EM5 | ME1 |
| 56 | Knows and can explain how to evaluate a patient from a psychiatric point of view,normal findings, basic principles of patient- physician interaction and related developmental stages | EM1 | ME1 |
| 57 | Able to evaluate the physical, psychosocial and congnitive development of children | EM1,EM3 | ME1, ME2 |
| 58 | Can define the epileptic seizures and syndromes in adults and children, able to do the diagnosis and differential diagnosis, can summarize the commonly used drugs and principles of treatment | EM1, EM5 | ME1, ME7 |
| 59 | Can define the pathogenesis of musculoskeletal system diseases in adults and children, can count the clinical signs and symptoms of them, can explain the diagnostic processes | EM1,EM4,EM5 | ME1, ME3 |
| 60 | Can explain the key features of radiodiagnostics, nuclear medicine and radiation oncology | EM1, EM4 | ME3 |
| 61 | Can define primary health care, preventive medicine, list the principles of health education, health services and health insurance practices | EM1 | ME4 |
| 62 | Can summarize the principles of examination and autopsy of the dead and prepare a forensic medicine report, | EM1 | ME5 |
| 63 | Can explain the mechanism of action, pharmacokinetics, toxic effects, drug interactions and clinical use of drugs used in diseases related to the central and peripheral nervous system in adults and children. | EM1, EM2, EM6 | ME1 |
| 64 |  Recognizes the examination findings to be considered in rheumatic diseases, knows the clinical approach to a patient with rheumatic disease, | EM1, EM2 | ME1 |
| 65 | Knows the etiology and histopathological findings of headache, CRPS, CNS infections, demyelinating diseases, ischemic and hemorrhagic stroke, degenerative diseases, Parkinson&#39;s disease, motor neuron disease and associates it with clinical findings. | EM1, EM5 | ME1 |
| 66 | Can perform head and neck examination and eye examination | EM1 | ME1 |
| 67 | Will be able to define the concepts related to the health level of the society and the social determinants of health | EM1 | ME1 |
| 68 | Can define preventive medicine practices for the person and the environment | EM1 | ME1 |
| 69 |  Can define occupational health and safety and problems in the field | EM1 | ME1 |
| 70 | Can comprehend human-environment interaction | EM1 | ME1 |
| 71 |  Can explain the health service model in Turkey | EM1 | ME1 |
| 72 |  Can explain the principles of health management in disasters | EM1 | ME1 |
| 73 |  Can define the problems of risky groups in terms of health and the principles of approach to these problems. | EM1 | ME1 |
| 74 |  Can explain the basic principles of combating communicable and non-communicable diseases | EM1 | ME1 |
| 75 | Can define international health practices | EM1 | ME1 |
| 76 | Can list the basic principles of the epidemiological approach to health events | EM1 | ME1 |
| 77 |  Can list the types of research and their related features | EM1 | ME1 |
| 78 | Can define forensic case | EM1 | ME1 |
| 79 | Can list the actions to be taken in forensic cases | EM1 | ME1 |
| 80 |  Knows the principles of forensic report writing. | EM1 | ME1 |
| 81 | Can explain the basic principles of medical ethics | EM1 | ME1 |
| 82 |  Can explain the ethical approaches to be followed in relations with patients  | EM1 | ME1 |

 |

| **LECTURE CONTENTS** |
| --- |
| **Committee 1: Biological Fundamentals of Diseases II: Neoplasia and Hematopoietic System**1. Etiology, pathogenesis, clinical signs and symptoms of hematological diseases in adults and children,diagnostic laboratory and radiological, nuclear medicine methods, treatment principles.2. Neoplasia, carcinogenesis, biology of metastasis, molecular and genetic basis of cancer.3. Clinical signs and symptoms of neoplasia in adults and children, diagnostic laboratory and radiological,nuclear medicine methods, treatment principles.4. General approach to oncological emergencies, diagnosis, treatment methods.**Committee 2: Biological Fundamentals of Diseases III: Microorganisms and Infectious Diseases**1. Etiology, genetic basis, pathology and symptomatology of infectious diseases.2. A general review of the microbiological properties of infectious agents.3. Clinical, laboratory and radiological diagnostic methods in infectious diseases4. Pharmacological agents used in the treatment of infectious diseases5. Treatment methods of infectious diseases6. Concepts of sepsis, septicemia, SIRS.**Committee 3: Cardiovascular and Respiratory System**1. General review of CVS anatomy, histology, and physiology2. Genetic basis, etiopathogenesis, pathological morphological findings of CVS diseases3. Clinical signs and symptoms, symptomatology, diagnosis, treatment methods of CVS diseases4. Pharmacological agents used in the treatment of CVS diseases5. Clinical approach to CVS emergencies6. General review of the anatomy, histology and physiology of the respiratory system7. Etiopathogenesis of respiratory system diseases, pathological morphological findings8. Clinical signs and symptoms of respiratory system diseases, symptomatology, diagnosis, treatment methods9. Pharmacological agents used in the treatment of respiratory system diseases10. Clinical approach in respiratory system emergencies.**Committee 4: Gastrointestinal System (GIS)**11. General review of GIS anatomy, histology and physiology2. Genetic basis, etiopathogenesis, pathological morphological findings of GIS diseases3. Clinical signs and symptoms, symptomatology, diagnosis, treatment methods of GIS diseases4. Pharmacological agents used in the treatment of GIS diseases5. Clinical approach to GIS emergencies6. General information on GIS surgical treatment principles and complications.**Committee 5: Urogenital and Endocrine System**1. General review of urogenital and endocrine system anatomy, histology and physiology2. Genetic basis, etiopathogenesis, pathological morphological findings of lower and upper urinary systemdiseases3. Clinical signs and symptoms, symptomatology, diagnosis, treatment methods of lower and upper urinarysystem diseases4. Pharmacological agents used in the treatment of lower and upper urinary system diseases5. Clinical approach to upper and lower urinary system emergencies6. General review of the anatomy, histology, physiology of the endocrine system organs7. Identification of endocrine system related diseases, etiopathogenesis, pathological morphological findings8. Clinical signs and symptoms, symptomatology, diagnosis, treatment methods of endocrine system relateddiseases9. Diabetes mellitus disease genetic basis, etiopathogenesis, pathological morphological findings10. Diabetes mellitus clinical signs and symptoms, symptomatology, diagnosis, treatment methods,complications11. Pharmacological agents used in the treatment of diabetes mellitus12. Clinical approach to diabetes mellitus disease emergencies13. Breast diseases.**Committee 6: Neurological Sciences, Psychiatry and Musculoskeletal System**1. General review of Central and Peripheral Nervous System (CNS and PNS) anatomy, histology and physiology2. Genetic basis, etiopathogenesis, pathological morphological findings of CNS and PNS diseases3. Clinical signs and symptoms, symptomatology, diagnosis, treatment methods of CNS and PNS diseases4. Pharmacological agents used in the treatment of CNS and PNS diseases5. Clinical approach to emergencies related to CNS and PNS6. A general review of the anatomical, histological and physiological features of the musculoskeletal system7. Genetic basis, etiopathogenesis, pathological morphological findings of musculoskeletal diseases8. Clinical signs and symptoms, symptomatology, diagnosis, treatment methods of musculoskeletal diseases9. Pharmacological agents used in the treatment of musculoskeletal diseases10. Clinical approach to musculoskeletal emergencies11. Genetic and environmental basis, symptomatology, clinical signs and symptoms, diagnosis, treatmentmethods of mental health diseases12. Pharmacological agents used in treatments related to mental health diseases.**Committee 7: Public Health and Forensic Medicine**1. Social and cultural factors as well as biological factors related to health services2. The organization of the health system in the Republic of Turkey, general information about the healthsystem, comparison with other countries3. Factors that negatively affect the functioning of the elements that make up the health system in the Republic of Turkey4. Epidemiological problems and solutions5. Concepts, job description, duties, responsibilities and distribution of manpower in our country6. Critical points in legal processes related to the health system, techniques for properly writing official reports7. Basic information about forensic autopsy, handling of pathological morphological findings.8. Ethics, medical ethics concepts9. Concepts related to patient-physician relationship, patient confidentiality. |

|

| **TERM 3 COMMITTEE 1 LECTURE LIST AND RANKING** |
| --- |
|

| **No** | LECTURE/Competence | **Lecturer** |
| --- | --- | --- |
| 1 |  Red Blood Cell and Bleeding Disorders ( Theoric/1 hour) | Prof.Dr. APTULLAH HAHOLU |
| 2 | Bone marrow pathology ( Theoric/1 hour) | Prof.DrAPTULLAH HAHOLU |
| 3 | Lymphadenitis( Theoric/1 hour) | Prof.DrAPTULLAH HAHOLU |
| 4 | Spleen and Thymus( Theoric/1 hour) | Prof.DrAPTULLAH HAHOLU |
| 5 | Lymphomas: Hodgkin( Theoric/1 hour) | Prof.DrAPTULLAH HAHOLU |
| 6 | Lymphomas: Non-Hodgkin( Theoric/1 hour) | Prof.DrAPTULLAH HAHOLU |
| 7 | Discussion ( Pratic/3 hours) | ProfDr APTULLAH HAHOLU |
| 8 | Drugs Used in Cancer Chemotherapy( Theoric/3 hours) | Prof.Dr. Ali Çağlar Öğütman |
| 9 | Hematopoietic Agents( Theoric/2 hours) | Prof.Dr. Ali Çağlar Öğütman |
| 10 | Drugs used for treatment of Anemia( Theoric/2 hours) | Prof.Dr. Ali Çağlar Öğütman |
| 11 | Immunomodulatory Drugs( Theoric/2 hours) | Prof.Dr. Ali Çağlar Öğütman |
| 12 | General Principles of Cancer Chemotherapy(( Theoric/1 hour)) | Prof.Dr. Ali Çağlar Öğütman |
| 13 | Eicosanoids and other Autocoids( Theoric/2 hours) | Dr. Öğr. Üyesi Tuğba Gümüştaş |
| 14 | PBL 2( Theoric/1 hour) | Dr. Öğr. Üyesi Tuğba Gümüştaş |
| 15 | Peptide Structures Autocoids( Theoric/2 hours) | Dr. Öğr. Üyesi Tuğba Gümüştaş |
| 16 | Histamine, bradikinin and antagonists( Theoric/2 hours) | Dr. Öğr. Üyesi Tuğba Gümüştaş |
| 17 | PBL( Theoric/1 hour) | Dr. Öğr. Üyesi Tuğba Gümüştaş |
| 18 | Radiation: History and basics( Theoric/1 hour) | Prof.Dr. Seyfettin Ilgan |
| 19 | Radiation : Interactions with matter and detection( Theoric/1 hour)) | Prof.Dr. Seyfettin Ilgan |
| 20 | Biologic effects of radiation( Theoric/1 hour) | Prof.Dr. Seyfettin Ilgan |
| 21 | Monogenic and Mitochondrial Diseases( Theoric/2 hours) | Assoc. Prof. Dr Pınar Buket Thomas |
| 22 | Chromosomal Abnormalities( Theoric/2 hours) | Assoc. Prof. Dr Pınar Buket Thomas |
| 23 | PATHOLOGY: General features of neoplastic lesions( Theoric/2 hours) | Prof.Dr. ARZU NEŞE YENER |
| 24 | Benign and malignant tumors( Theoric/2 hours) | Prof.Dr. ARZU NEŞE YENER |
| 25 | Carcinogenesis (Theoric/2 hours) | Prof.Dr. ARZU NEŞE YENER |
| 26 | Neoplasia: Nomenclature( Theoric/1 hour) | Prof.Dr. ARZU NEŞE YENER |
| 27 | Metastasis( Theoric/1 hour) | Prof.Dr. ARZU NEŞE YENER |
| 28 | Tumor Markers( Theoric/2 hours) | Asst.Prof. PINAR EKER |
| 29 | Biochemistry of Cancer( Theoric/1 hour) | Asst.Prof. Dr PINAR EKER |
| 30 | Hematological diseases and hematopoiesis (Theretical/1 hour) | Prof. Dr. Gülbüz Sezgin |
| 31 | Symptoms, anamnesis and physical examination in hematopoietic system diseases (Therotical/1 hour) | Prof. Dr. Gülbüz Sezgin  |
| 32 | Anemia classification and clinical approach ( Theoric/1 hour) | Prof. Dr. Gülbüz Sezgin |
| 33 | Iron metabolism and iron deficiency anemia ( Theoric/1 hour) | Prof. Dr. Gülbüz Sezgin  |
| 34 | B-12/Folate metabolism and Megaloblastic anemias (Theoric/1 hour) | Prof. Dr. Gülbüz Sezgin  |
| 35 | Approach to hemolytic anemias (immune – non-immune hemolytic anemias) ( Theoric/1 hour) | Asst.Prof A.İ.E. Tekgündüz |
| 36 | Approach to bone marrow failures (Aplastic anemia) (Theoric/1 hour) | Asst.Prof A.İ.E.Tekgündüz |
| 37 | Acquired and congenital thrombophilias ( Theoric/1 hour) | Asst.Prof A.İ.E.Tekgündüz |
| 38 | Thrombocytopenia and immune thrombocytopenic purpura (Theoric/1 hour) | Asst.Prof A.İ.E.Tekgündüz |
| 39 | Acute leukemias: Classification and clinical approach ( Theoric/1 hours) | Asst.Prof A.İ.E.Tekgündüz |
| 40 | Myelodysplastic syndrome: Classification and clinical approach (Theoric/1 hour) | Asst.Prof A.İ.E.Tekgündüz |
| 41 | Chronic myeloproliferative diseases: Classification and CML Theoric/1 hour) | Asst.Prof A.İ.E.Tekgündüz |
| 42 | Chronic myeloproliferative diseases: Polycythemia Vera, Essential Thrombocytosis and Primary Myelofibrosis ( Theoric/1 hour) | Asst.Prof A.İ.E.Tekgündüz |
| 43 | Plasma cell diseases: Multiple myeloma and others (Theoric/1 hour) | Asst.Prof A.İ.E.Tekgündüz |
| 44 | Lymphomas: Classification and Hodgkin lymphoma (Theoric/1 hour) | Asst.Prof A.İ.E.Tekgündüz |
| 45 | Lymphomas: non-Hodgkin lymphomas (Theoric/1 hour) | Asst.Prof A.İ.E.Tekgündüz |
| 46 | Introduction to transfusion: blood products and clinical practise (Theoric/1 hour) | Asst.Prof A.İ.E.Tekgündüz |
| 47 | Genetics of Cancer ( Theoric/2 hours) | Asst.Prof Çağrı Öner |

 |

 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TERM 3 COMMİTTEE 2 LECTURE LIST AND RANKING** |
|

| **No** | **LECTURE/Competence** | **Lecturer** |
| --- | --- | --- |
| 1 | General Principles of Antimicrobial Therapy (theoric 2 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 2 | Beta-Lactam Antibiotics (theoric 1 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 3 | PBL Session-1 (practice 1 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 4 | Viral Hepatitis (theoric 2 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 5 | Penicillins (theoric 2 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 6 | Cephalosporins (theoric 2 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 7 | Simulated meeting with patient – Introduction (practice 1 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 8 | General Characteristics of Infectious Diseases (theoric 2 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 9 | Nervous System Infections (theoric 1 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 10 | Other Beta-Lactam Antibiotics and Beta-Lactamase Inhibitors (theoric 1 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 11 | Approach to Respiratory Tract Infections (theoric 2 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 12 | Protein synthesis inhibitors (theoric 1 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 13 | Pathology of bacterial Infections (theoric 2 hr) | Prof.Dr. Arzu Neşe YENER |
| 14 | Aminoglycosides -(theoric 2 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 15 | Pathology of viral diseases -(theoric 2 hr) | Prof.Dr. Arzu Neşe YENER |
| 16 | The Viral Eruptive Diseases of Childhood (theoric 1 hr) | Asst.Prof Ayça SÖZEN |
| 17 | The Bacterial Eruptive Diseases of Childhood (theoric 1 hr) | Asst.Prof Ayça SÖZEN |
| 18 | The Lower Respiratory Tract Infections in Childhood(theoric 1 hr) | Prof. Dr. Arif KUT |
| 19 | The Upper Respiratory Tract Infections in Childhood(theoric 1 hr) | Prof. Dr. Arif KUT |
| 20 | Pathology of Fungal and Parasitic Diseases(theoric 2 hr) | Prof.Dr. Arzu Neşe YENER |
| 21 | Macrolides(theoric 1 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 22 | Lincosamides(theoric 1 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 23 | Sulfonamides, Trimethoprim-sulfamethoxazole(theoric 1 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 24 | Tetracyclines (theoric 1 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 25 | Chloramphenicol (theoric 1 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 26 | Quinolones and Fluoroquinolones(theoric 1 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 27 | Narrow spectrum antibiotics for Staphylococcus and anaerobic infections(theoric 2 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 28 | General Principles of Microbial Pathogenesis(theoric 2 hr) | Prof.Dr. Arzu Neşe YENER |
| 29 | Chemotherapy of Malaria (theoric 2 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 30 | Soft Tissue Infections (theoric 2 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 31 | Urinary Tract Infections(theoric 1 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 32 | **PBL Session-2 (practice 1 hr)** | Assoc.. Dr. Şafak GÖKTAŞ |
| 33 | Chemotherapy of Tuberculosis, Mycobacterium Avium Complex Disease and Leprosy(theoric 2 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 34 | Sexually transmitted infections(theoric 2 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 35 | Chemotherapy of Protozoal Infections(theoric 1 hr) | Dr. Öğr. Üyesi Tuğba Gümüştaş |
| 36 | Chemotherapy of Helminth Infections(theoric 1 hr) | Dr. Öğr. Üyesi Tuğba Gümüştaş |
| 37 | Antiviral Agents (theoric 2 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 38 | Acute  gastroenteritis (theoric 1 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 39 | Control of Nosocomial Infections(theoric 1 hr) | Assoc. Prof. Dr. Şafak GÖKTAŞ |
| 40 | Simulated meeting with patient – Recordings-Feedbacks(practice 1 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 41 | Antiseptics and Disinfectants(theoric 1 hr) | Dr. Öğr. Üyesi Tuğba Gümüştaş |
| 42 | Hybridoma Technology(theoric 1 hr) | Assoc. Prof. Dr Pınar Buket THOMAS |
| 43 | New generation vaccines(theoric 1 hr) | Assoc. Prof. Dr Pınar Buket THOMAS |
| 44 | PATHOLOGY: Macroscopic and microscopic changes in infectious disorders(practice 2 hr) | Prof. Dr. Arzu Neşe YENER  |
| 45 | PBL SESSİON-3 Feedback(practice 1 hr) | Assoc. Prof. Dr Şafak GÖKTAŞ |
| 46 | Anti fungal drugs(theoric 2 hr) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 47 | Radiation safety and protection(theoric 1 hr) | Prof. Dr. Seyfettin ILGAN |
| 48 | Basics of nuclear medicine : Radiopharmacy and imaging methods (theoric 1 hr) | Prof. Dr. Seyfettin ILGAN |
| 49 | Nuclear medicine applications in hematologic and oncologic diseases (theoric 1 hr) | Prof. Dr. Seyfettin ILGAN |

 |

| **TERM3 3 COMMITTE 3 LECTURE LIST AND RANKING** |
| --- |
|

|  **No** | **LECTURE/Competence** | **Lecturer** |
| --- | --- | --- |
| 1 |  Introduction to Autonomous Nervous system Pharmacology (Theoric/2 hours) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 2 | History taking, symptoms and definitions in cardiovascular system ( Theoric/2 hours) | Asst.Prof Mustafa Serdar YILMAZER |
| 3 | Signs and symptoms in respiratory diseases ( Theoric/2 hours) | Prof. Dr. Sema UMUT |
| 4 | Physical examination in cardiovascular system ( Theoric/1 hour) | Asst.Prof Mustafa Serdar YILMAZER |
| 5 | Signs and symptoms of heart disease- Chest Pain-Cyanosis (Theoric/1 hour) | Asst.Prof Üyesi Mustafa Serdar YILMAZER |
| 6 | Auscultation of heart sounds and murmurs ( Theoric/1 hour) | Asst.Prof Üyesi Mustafa Serdar YILMAZER |
| 7 | Signs and symptoms of heart disease- Dyspnea and Oedema (Theoric/1 hour) | Asst.Prof Üyesi Mustafa Serdar YILMAZER |
| 8 | Electrocardiography uses and practice ( Theoric/1 hour) | Asst.Prof Üyesi Mustafa Serdar YILMAZER |
| 9 | Atherosclerosis and hypertension ( Theoric/1 hour) | Asst.Prof Üyesi Mustafa Serdar YILMAZER |
| 10 | Vasculitis ( Theoric/1 hour) | Prof. Dr. Aptullah HAHOLU |
| 11 | Electrocardiography ( Theoric/1 hour) | Asst.Prof Üyesi Mustafa Serdar YILMAZER |
| 12 | Arterial blood gases ( Theoric/1 hour) | Prof. Dr. Sema UMUT |
| 13 | Lung function tests ( Theoric/2 hours) | Prof. Dr. Sema UMUT |
| 14 | Sympathomimetic agents ( Theoric/2 hours) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 15 | Circulatory and Respiratory Systems Radiology ( Theoric/1 hour) | Prof. Dr. Rahmi ÇUBUK |
| 16 | Congenital cardiac diseases ( Theoric/2 hours) | Prof. Dr. Arzu Neşe YENER |
| 17 | Sympatholytic agents ( Theoric/2 hours) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 18 | Obstructive Diseases ( Theoric/1 hour) | Prof. Dr. Aptullah HAHOLU |
| 19 | Restrictive Diseases (( Theoric/1 hour) | Prof. Dr. Aptullah HAHOLU |
| 20 | Pneumonia ( Theoric/2 hours) | Prof. Dr. Sema UMUT |
| 21 | Hypertension, clinics and laboratory findings ( Theoric/1 hour) | Asst.Prof Üyesi Mustafa Serdar YILMAZER |
| 22 | Measuring blood pressure and examination of the extremities ( Theoric/1 hour) | Asst.Prof Mustafa Serdar YILMAZER |
| 23 | Upper respiratory diseases ( Theoric/2 hours) | Prof. Dr. Aptullah HAHOLU |
| 24 | Parasympathomimetic agents ( Theoric/2 hours) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 25 | Electrocardiography ( Theoric/2 hours) | Asst.Prof Üyesi Mustafa Serdar YILMAZER |
| 26 | Granulomatous Diseases ( Theoric/2 hours) | Prof. Dr. Aptullah HAHOLU |
| 27 | Parasympatholytic agents ( Theoric/2 hours) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 28 | Respiratory System Symptoms in Children ( Theoric/2 hours) | Prof. Dr. Arif Şahin KUT |
| 29 | Pulmonary neoplasms, pleural and mediastinal diseases (Theoric/2 hours) | Prof. Dr. Aptullah HAHOLU |
| 30 | Pleural effusion and empyema ( Theoric/2 hours) | Prof. Dr. Hürrem Gül ÖNGEN |
| 31 | Obstructive lung diseases (COPD, Bronchial Asthma, Bronchiectasis) ( Theoric/2 hours) | Prof. Dr. Sema UMUT |
| 32 | Tachyarrhythmias (supraventricular and ventricular arrytmias) ( Theoric/2 hours) | Asst.Prof Üyesi Mustafa Serdar YILMAZER |
| 33 | Agents acting at the neuromuscular junction and autonomic ganglia ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 34 | Renin-angiotensin system pharmacology ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 35 | Beta adrenerjic reseptor blockers ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 36 | Antihypertensive agents ( Theoric/2 hours) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 37 | Lung Infections, Acute Lung Injury ( Theoric/1 hour) | Prof. Dr. Aptullah HAHOLU |
| 38 | Heart Failure ( Theoric/2 hours) | Prof. Dr. Arzu Neşe YENER |
| 39 | Drugs used for ischemic heart diseases ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 40 | Drugs therapy for hypercholesterolemia and dyslipidemia (Theoric/2 hours) | Asst. Prof. Dr. TUĞBA GÜMÜŞTAŞ |
| 41 | Interstitial lung diseases ( Theoric/1 hour) | Asst. Prof. Dr Yonca Sekibağ |
| 42 | Sarcoidosis ( Theoric/1 hour) | Asst. Prof. Dr. Yonca Sekibağ |
| 43 | Anti-arrhytmic drugs ( Theoric/2 hours) | Asst. Prof. Dr. Tuğba Gümüştaş |
| 44 | Pharmacotherapy of heart failure ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 45 | Atherosclerosis and Coronary artery disease definition and pathophysiology ( Theoric/1 hour) | Asst.Prof Mustafa Serdar YILMAZER |
| 46 | Drugs used for peripheral vascular diseases ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 47 | Anticoagulant, fibrinolytic drugs ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 48 | Heart failure definition pathophysiology management (Theoric/1 hour) | Asst.Prof Üyesi Mustafa Serdar YILMAZER |
| 49 | Nuclear medicine applications in lung diseases ( Theoric/1 hour) | Prof. Dr. Seyfettin ILGAN |
| 50 | Nuclear medicine applications in cardiovascular diseases (Theoric/1 hour) | Prof. Dr. Seyfettin ILGAN |
| 51 | Physical examination of the thorax ( Theoric/2 hours) | Prof. Dr. Nesrin SARIMAN |
| 52 | Nasal and sinus diseases ( Theoric/1 hour) | Prof. Dr. Muhammed Kürşat YELKEN |
| 53 | Diseases of pharynx and larynx ( Theoric/1 hour) | Prof. Dr. Muhammed Kürşat YELKEN |
| 54 | Stable angina pectoris Clinical manifestation and definition (Theoric/1 hour) | Asst.Prof Mustafa Serdar YILMAZER |
| 55 | Unstable Angina Pectoris and myocardial infarction ( Theoric/2 hours) | Asst.Prof Mustafa Serdar YILMAZER |
| 56 | Trombolytic Drugs ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 57 | Antiplatelet Drugs ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 58 | Ischemic heart diseases ( Theoric/1 hour) | Prof. Dr. Arzu Neşe YENER |
| 59 | Occupational lung diseases ( Theoric/2 hours) | Prof. Dr. Sema UMUT |
| 60 | Cardiomyopathies ( Theoric/1 hour) | Prof. Dr. Arzu Neşe YENER |
| 61 | Congenital anomalies, atelectasis ( Theoric/1 hour) | Prof. Dr. Aptullah HAHOLU |
| 62 | Plasma expanding solutions ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 63 | Hemostatic and replacement drugs ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 64 | Tuberculosis ( Theoric/2 hours) | Assoc.Dr. Hürrem Gül ÖNGEN |
| 65 | Drugs used in fluid electrolyte imbalances ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 66 | Drugs used in Acid base balance disorders ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 67 | Diuretic drugs ( Theoric/2 hours) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 68 | Respiratory System Physical Examination in Children ( Theoric/1 hour) | Prof. Dr. Arif Şahin KUT |
| 69 | Approach to Syncope ( Theoric/1 hour) | Asst.Prof Mustafa Serdar YILMAZER |
| 70 | Pharmacotherapy for obstructive pulmonary diseases ( Theoric/2 hours) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 71 | Lung tumor ( Theoric/2 hours) | Prof. Dr. Hürrem Gül ÖNGEN |
| 72 | Antitussives, mucolytics and expectorants ( Theoric/1 hour) | Prof. Dr. Ali Çağlar ÖĞÜTMAN |
| 73 | Cardiopulmonary Arrest and Resusitation ( Theoric/1 hour) | Prof. Dr. Zeliha ÖZER |
| 74 | Pulmonary embolism ( Theoric/1 hour) | Prof. Dr. Hürrem Gül ÖNGEN |
| 75 | Pulmonary hypertension ( Theoric/1 hour) | Prof. Dr. Hürrem Gül ÖNGEN |
| 76 | Problem based learning ( Practical/3 hours) | Prof. Dr. Sema UMUT |
| 77 | Simulated patient meeting ( Practical/2 hours) | Prof. Dr. Nesrin SARIMAN |
| 78 | Physical examination of the thorax (Medical skills lab) (Practical/2 hours) | Prof. Dr. Nesrin SARIMAN |
| 79 | PATHOLOGY: Macroscopic and microscopic changes in Heart and Blood Vessel disorders ( Practical/1 hour) | Prof. Dr. Aptullah HAHOLU |
| 80 | PATHOLOGY: Macroscopic and microscopic changes in lung and pleural disorders ( Practical/1 hour) | Prof. Dr. Aptullah HAHOLU |

 |

| **TERM 3 COMMITTE 4 LECTURE LIST AND RANKING** |
| --- |
|

|  **No** | **LECTURE/Competence** | **Lecturer** |
| --- | --- | --- |
| 1 | Genetics of Gastrointestinal System: (Theoric: 2 Hour) | Asst.Prof Çağrı Öner |
| 2 | Esophagus Diseases: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 3 | Gastroesophageal Reflux Disease: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 4 | Problem based learning-Session I: (Practical 1 Hour) | Prof. Dr. Ali Çağlar Öğütman |
| 5 | Malabsorbtion: (Theoric: 2 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 6 | Esophageal Tumors: (Theoric: 1 Hour) | Asst. Prof. Hüseyin Sancar Bozkurt |
| 7 | Dyspepsia, Helicobacter pylori and Gastritis: (Theoric: 1 Hour) | Asst. Prof. Hüseyin Sancar Bozkurt |
| 8 | Emetic and Antiemetic Agents: (Theoric: 2 Hour) | Prof. Dr. Ali Çağlar Öğütman |
| 9 | Disease of Oral Cavity and Salivary Glands: (Theoric: 1 Hour) | Prof. Dr. Aptullah Haholu |
| 10 | Esophagus Pathology: (Theoric: 1 Hour) | Prof. Dr. Aptullah Haholu |
| 11 | Gastric Pathology, Gastritis, Peptic Ulcer Disease: (Theoric: 2 Hour) | Prof. Dr. Aptullah Haholu |
| 12 | Simulated patient meeting-Information: (Practical 1 Hour) | Prof. Dr. Aptullah Haholu |
| 13 | GIS Physical Examination: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 14 | Peptic Ulcer, Gastric Cancer: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt  |
| 15 | Liver Function Tests: (Theoric: 1 Hour) | Asst. Prof. Hüseyin Sancar Bozkurt |
| 16 | Nuclear medicine applications in gastrointestinal diseases: (Theoric: 1 Hour) | Prof. Dr. Seyfettin Ilgan |
| 17 | Auxiliary nuclear medicine techniques: Sentinel lymph node biopsy, Radioguided occult lesion localization, gamma surgical probe: (Theoric: 1 Hour) | Prof. Dr. Seyfettin Ilgan |
| 18 | Pharmacotherapy of Peptic Ulcers and GERD: (Theoric: 2 Hour) | Prof. Dr. Ali Çağlar Öğütman |
| 19 | Inflammatory Bowel Diseases: (Theoric: 2 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 20 | Chronic Hepatitis, Liver Tumors: (Theoric: 2 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 21 | Chronic Diarrhea: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 22 | Problem based learning-Session II: (Practical 1 Hour) | Prof. Dr. Ali Çağlar Öğütman |
| 23 | Uses of Vitamins as Therapeutic Agents: (Theoric: 2 Hour) | Prof. Dr. Ali Çağlar Öğütman |
| 24 | Diagnosis and Treatment of Drug Poisoning: (Theoric: 2 Hour) | Prof. Dr. Ali Çağlar Öğütman |
| 25 | Pharmacotherapy of Inflammatory Bowel Diseases: (Theoric: 1 Hour) | Prof. Dr. Ali Çağlar Öğütman |
| 26 | Abdominal Examination in Children: (Theoric: 1 Hour) | Prof. Dr. Erhun Kasırga |
| 27 | Gastrointestinal system symptoms in Children: (Theoric: 2 Hour) | Prof. Dr. Erhun Kasırga |
| 28 | Malabsorbtion Disorders: (Theoric: 1 Hour) | Prof. Dr. Aptullah Haholu |
| 29 | Inflammatory Bowel Diseases: (Theoric: 1 Hour) | Prof. Dr. Aptullah Haholu |
| 30 | Upper Gastrointestinal Bleeding: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 31 | Lower Gastrointestinal Bleeding: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 32 | Gastrointestinal Systems Radiology: (Theoric: 1 Hour) | Prof. Dr. Rahmi Çubuk |
| 33 | Gastrointestinal System Tumors: (Theoric: 1 Hour) | Prof. Dr. Aptullah Haholu |
| 34 | Small And Large Bowel Diseases: (Theoric: 1 Hour) | Prof. Dr. Aptullah Haholu |
| 35 | Problem based learning-Session III: : (Practical 1 Hour) | Prof. Dr. Ali Çağlar Öğütman |
| 36 | Acute and Chronic Pancreatitis: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 37 | Ascites: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 38 | Jaundices: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 39 | Liver and Bile Duct Diseases: (Theoric: 1 Hour) | Prof. Dr. Önder Öngürü |
| 40 | Pancreas Diseases: (Theoric: 1 Hour) | Prof. Dr. Önder Öngürü |
| 41 | Hepatic Encephapathy: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 42 | Toxic Hepatitis: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 43 | Diseases of Gall Bladder and Bile Ducts: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 44 | Macroscopic and microscopic changes in oral and gastrointestinal system disorders: (Practical 1 Hour) | Prof. Dr. Aptullah Haholu |
| 45 | Macroscopic and microscopic changes in hepatobiliary and pancreatic disorders: (Practical 1 Hour) | Prof. Dr. Aptullah Haholu |
| 46 | Agents used in biliary and pancreatic disease: (Theoric: 1 Hour) | Dr. Öğr. Üyesi Tuğba Gümüştaş |
| 47 | Laxatives, Cathartics, and Therapy for Constipation: (Theoric: 1 Hour) | Dr. Öğr. Üyesi Tuğba Gümüştaş |
| 48 | Cirrhosis and Portal Hypertension: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 49 | Colonic polyps, Colon cancer: (Theoric: 1 Hour) | Asst.Prof Hüseyin Sancar Bozkurt |
| 50 | Simulated patient meeting-Feedbacs-Recording videos: (Practical 1 Hour) | Prof. Dr. Aptullah Haholu |
| 51 | Abdominal Physical Examination: (Theoric: 1 Hour) | Asst.Prof Sina Mokhtare |
| 52 | Anal, Perirectal Physical Exam, Rectal Examination: (Theoric: 1 Hour) | Asst.Prof Sina Mokhtare |
| 53 | Principles of Surgical Treatment in Peptic Ulcer Disease: (Theoric: 1 Hour) | Asst.Prof Sina Mokhtare |
| 54 | Principles of Surgical Treatment in GIS Neoplasias: (Theoric: 1 Hour) | Asst.Prof Sina Mokhtare |

 |

| **TERM 3 COMMITTE 5 LECTURE LIST AND RANKING** |
| --- |
|

|  **No** | **LECTURE/Competence** | **Lecturer** |
| --- | --- | --- |
| 1 |  Hereditary kidney diseaase (Theoric: 1 Hour) | PROF. DR. ITIR YEĞENAĞA |
| 2 | Chronic Renal Insufficiency (Theoric: 1 Hour) | PROF. DR. ITIR YEĞENAĞA |
| 3 | Acute and Chronic Glomerulonephritis (Theoric: 1 Hour) | PROF. DR. ITIR YEĞENAĞA |
| 4 | Molecular Approaches in Diagnosis and Prognosis of Thyroid Diseases (Theoric: 2 Hours) | Asst.Prof ÇAĞRI ÖNER |
| 5 | Breast Diseases Pathology (Theoric: 2 Hours) | PROF. DR. APTULLAH HAHOLU |
| 6 | Basic Principles of Renal Physiology (Theoric: 1 Hour) | PROF. DR. ITIR YEĞENAĞA |
| 7 | Evaluation of Kidney Function and Clinical approach to Renal Diseases (Theoric: 1 Hour) | PROF. DR. ITIR YEĞENAĞA |
| 8 |  Proteinuria and hematuria (Theoric: 1 Hour) | PROF. DR. ITIR YEĞENAĞA |
| 9 | Akut Kidney Insufficiency (Theoric: 1 Hour) | PROF. DR. ITIR YEĞENAĞA |
| 10 | Basic Principles of Endocrine System Pharmacology (Theoric: 2 Hours) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 11 | Hypothalamic-Pituitary Axis Hormones (Theoric: 1 Hour) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 12 | Adrenal diseases pathology (Theoric: 1 Hour) | PROF. DR. APTULLAH HAHOLU |
| 13 | Pituitary and pineal gland disorders (Theoric: 1 Hour) | PROF. DR. APTULLAH HAHOLU |
| 14 | Thyroid diseases (Theoric: 2 Hours) | PROF. DR. APTULLAH HAHOLU |
| 15 | Androgens, anabolic steroids and antiandrogenics (Theoric: 2 Hours) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 16 | Problem based learning-Session I (Pratic: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 17 | Pathology of Glomerular Diseases ((Theoric: 3 Hours) | PROF. DR. APTULLAH HAHOLU |
| 18 | Genetic Basis of Diabetes Mellitus (Theoric: 2 Hours) | DR. ÖĞR. ÜYESİ ÇAĞRI ÖNER |
| 19 | Estrogens, Progestins and Antagonists (Theoric: 2 Hours) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 20 | Diabetes mellitus, Acute and chronic complications of diabetes (Theoric: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 21 | Thyrotoxicosis and hyperthyroidism (Theoric: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 22 | History taking in Urology and Urogenital System Examination (Theoric: 1 Hour) | PROF. DR. HASAN SOYDAN |
| 23 | Urinary System Symptoms (Theoric: 1 Hour) | PROF. DR. HASAN SOYDAN |
| 24 | Nontoxic goiter and thyroid neoplasms (Theoric: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 25 | Pituitary disorders (Theoric: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 26 | Diabetes insipidus and syndrome of inappropriate antidiuretic hormone (Theoric: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 27 | Vascular diseases of the kidney (Theoric: 1 Hour) | PROF. DR. APTULLAH HAHOLU |
| 28 | Cystic diseases of the kidney (Theoric: 1 Hour) | PROF. DR. APTULLAH HAHOLU |
| 29 | Hypoglisemia and Obesity (Theoric: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 30 | Problem based learning-Session II (Pratic: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 31 | Parathyroid diseases (Theoric: 1 Hour) | PROF. DR. APTULLAH HAHOLU |
| 32 | Tubular and Interstitial Diseases and Urinary Tract Obstruction (Theoric: 1 Hour) | PROF. DR. APTULLAH HAHOLU |
| 33 | Male genital system pathologies (Theoric: 1 Hour) | PROF. DR. APTULLAH HAHOLU |
| 34 | Hypothyroidism and Thyroiditis (Theoric: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 35 | The metabolism of calcium and vitamin D, Hypo and hypercalcemia (Theoric: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 36 | Cushing Sendromu (Theoric: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 37 | Drugs Used to Control Fertility (Theoric: 2 Hours) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 38 | Approach to Infertile Couple (Theoric: 1 Hour) | PROF. DR. ÜMİT ÖZEKİCİ |
| 39 | Introduction to Urogenital Tumors (Theoric: 1 Hour) | PROF. DR. HASAN SOYDAN |
| 40 | Nuclear medicine applications in genitourinary diseases (Theoric: 2 Hours) | PROF. DR. SEYFETTİN ILGAN |
| 41 | Urinary Stone Disease (Theoric: 1 Hour) | PROF. DR. HASAN SOYDAN |
| 42 | Benign Prostate Hyperplasia (Theoric: 1 Hour) | PROF. DR. HASAN SOYDAN |
| 43 | Renal and Urinary Bladder Tumors (Theoric: 2 Hours) | PROF.DR.APTULLAH HAHOLU |
| 44 | Endocrine pancreas and diabetes mellitus (Theoric: 1 Hour) | PROF. DR. APTULLAH HAHOLU |
| 45 | Contraception (Theoric: 1 Hour) | Asst.Prof ALİ GÜRSOY |
| 46 | Urogenital Systems Radiology (Theoric: 1 Hour) | PROF. DR. RAHMİ ÇUBUK |
| 47 | Male Infertility (Theoric: 1 Hour) | PROF. DR. HASAN SOYDAN |
| 48 | Male Sexual Dysfunction (Theoric: 1 Hour) | PROF. DR. HASAN SOYDAN |
| 49 | Problem based learning-Session III (Pratic: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 50 | Pregnant Woman Examination (Theoric: 1 Hour) | Asst.Prof ALİ GÜRSOY |
| 51 | Menstrual Cycle and Puberty (Theoric: 1 Hour) | Asst.Prof ALİ GÜRSOY |
| 52 | Genetic Basis of Infertility (Theoric: 1 Hour) | Assoc. Prof Dr. PINAR BUKET THOMAS |
| 53 | Female Genital Anatomy (Theoric: 1 Hour) | PROF. DR. BERNA HALİLOĞLU PEKER |
| 54 | Normal Labor and Delivery (Theoric: 1 Hour) | DR. ÖĞR. ÜYESİ ALİ GÜRSOY |
| 55 | Gestational and placental diseases pathology (Theoric: 1 Hour) | PROF. DR. APTULLAH HAHOLU |
| 56 | Cervix Vulva Vagina Diseases (Theoric: 1 Hour) | PROF. DR. APTULLAH HAHOLU |
| 57 | Pregnancy Development and Maternal Physiology (Theoric: 1 Hour) | PROF. DR. AYGEN ÇELİK |
| 58 | Gynecology/Obstetrics History, Physical/pelvic examination (Theoric: 1 Hour) | PROF. DR. BERNA HALİLOĞLU PEKER |
| 59 | Oxytocin and Tocolytic Drugs (Theoric: 1 Hour) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 60 | Simulated patient meeting-Information (Pratic: 1 Hour) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 61 | Approach to Thyroid Nodules and Hyperthyroidism (Theoric: 1 Hour) | Asst.Prof SİNA MOKHTARE |
| 62 | Breast Diseases (Theoric: 1 Hour) | Asst.Prof SİNA MOKHTARE |
| 63 | Malignant Ovarian Diseases (Theoric: 1 Hour) | PROF. DR. ERDİN İLTER |
| 64 | Malignant Diseases of Uterine Corpus (Theoric: 1 Hour) | PROF. DR. ERDİN İLTER |
| 65 | Thyroid and Anti-Thyroid Drugs (Theoric: 2 Hours) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 66 | Tubaovarian diseases (Theoric: 2 Hours) | PROF. DR. APTULLAH HAHOLU |
| 67 | Cervix Benign Diseases (Theoric: 1 Hour) | PROF. DR. ERDİN İLTER |
| 68 | Cervix Malignant Diseases (Theoric: 1 Hour) | PROF. DR. ERDİN İLTER |
| 69 | Insulin, Oral Hypoglycemic Agents and Glucagon (Theoric: 2 Hours)) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 70 | Endometrial and myometrial diseases (Theoric: 2 Hours) | PROF. DR. APTULLAH HAHOLU |
| 71 | ACTH, Adrenal Steroids, and Pharmacology of the Adrenal Cortex (Theoric: 2 Hours) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 72 | Simulated patient meeting-Feedbacs-Recording videos ( Pratic: 2 Hours) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 73 | Skin Disorders (Theoric: 2 Hours) | PROF. DR. APTULLAH HAHOLU |
| 74 | Pathophysiology of adrenal gland, Addison's disease, Pheochromocytoma (Theoric: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 75 | Endocrine hypertension, Hyperaldosteronism (Theoric: 1 Hour) | Asst.Prof EŞREF ÖZER |
| 76 | Prenatal follow up and diagnostic tests (Theoric: 1 Hour) | PROF. DR. AYGEN ÇELİK |
| 77 | Benign Ovarian Diseases (Theoric: 1 Hour) | PROF. DR. BERNA HALİLOĞLU PEKER |
| 78 | Antenatal follow-up (Theoric: 1 Hour) | PROF. DR. AYGEN ÇELİK |
| 79 | Endocrinology of Pregnancy (Theoric: 1 Hour) | PROF. DR. AYGEN ÇELİK |
| 80 | Benign Diseases of Uterine Corpus (Theoric: 1 Hour) | Asst.Prof ALİ GÜRSOY |
| 81 | Benign and Malignant Diseases of Vagina and Vulva ((Theoric: 1 Hour) | PROF. DR. BERNA HALİLOĞLU PEKER |
| 82 | Agents Affecting Calcium and Phosphate Homeostasis and Bone Turnover (Theoric: 1 Hour) | Asst. Prof. Dr. TUĞBA GÜMÜŞTAŞ |
| 83 | Vasopressin Analogs and antagonists (Theoric: 1 Hour) | PROF. DR. ALİ ÇAĞLAR ÖĞÜTMAN |
| 84 | Thyroid hormone synthesis and diagnostic tests (Theoric: 2 Hours)) | Asst.Prof EŞREF ÖZER |
| 85 | PATHOLOGY: Macroscopic and microscopic changes in kidney, urogenital system disorders (Pratic: 1 Hour) | PROF. DR. ŞÜKRÜ YILDIRIM |
| 86 | PATHOLOGY: Macroscopic and microscopic changes in endocrin organ disorders (Pratic: 1 Hour) | PROF. DR. ŞÜKRÜ YILDIRIM |

 |

| **TERM 3 COMMITTE 6 LECTURE LIST AND RANKING**  |
| --- |
|

|  No | **LECTURE/Competence** | **Lecturer** |
| --- | --- | --- |
| 1 |  Fundamentals of Central Nervous System Pharmacology tests (Theoric: 2 Hours) | Prof. Dr. A. Çağlar ÖĞÜTMAN |
| 2 | Introduction to Ophthalmology, Optic Accommodation, Refraction and Refractive Errors (Theoric: 1 Hour) | Assoc. Dr. Ç. ÇAĞLAR |
| 3 | The Physiology of the Vision, Visual Pathways and Diseases (Theoric: 1 Hour) | Assoc. Dr. Ç. ÇAĞLAR |
| 4 | Infectious and Non-infectious Diseases of the Joints (Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 5 | CNS Cell Pathology (Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 6 | Mental Disorders Due to General Medical Conditions (Theoric: 1 Hour) | Asst.Prof A.E.BÜYÜKSANDALYACI TUNÇ |
| 7 | High Cortical Functions (Theoric: 1 Hour) | Asst.Prof T. ŞAHİNER |
| 8 | Disorders of consciousness (Theoric: 1 Hour) | Asst.Prof T. ŞAHİNER |
| 9 | Retinal Diseases (Theoric: 1 Hour) | Assoc. Prof. Dr. Ç. ÇAĞLAR |
| 10 | Eye Movement Disorders and Nystagmus (Theoric: 1 Hour) | Assoc. Prof. Dr. Ç. ÇAĞLAR |
| 11 | CNS Malformations and Developmental Disease (Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 12 | Cerebral Edema, Hydrocephalus, Increased Intracranial Pressure and Herniation (Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 13 | CNS Vascular Diseases and Trauma (Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 14 | CNS Infections, Prion Diseases (Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 15 | Pharmacotherapy of Psychosis and Mania (Theoric: 2 Hours)) | Prof. Dr. A. Ç. ÖĞÜTMAN |
| 16 | Mood Disorders((Theoric: 1 Hour) | Asst.Prof Burcu K. KENDİRLİOĞLU |
| 17 | Motor neuron disease((Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 18 | Vestibular System((Theoric: 1 Hour) | Asst.Prof M. K. YELKEN |
| 19 | Facial palsy((Theoric: 1 Hour) | Asst.Prof M. K. YELKEN |
| 20 | Motor and Sensory pathways((Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 21 | Motor neuron disease(Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 22 | Problem Based Learning-Session I (Theoric: 3 Hours)) | Assoc. Prof. Dr. Suat KÜÇÜKGÖNCÜ |
| 23 | Neurological Symptomatology in children and adolescents ((Theoric: 1 Hour) | Asst.Prof Ayça SÖZEN |
| 24 | Encephalities (Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 25 | Simulated Patient Meeting-Information ((Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 26 | Demyelinating Diseases(Theoric: 2 Hours) | Asst.Prof Miruna F. ATEŞ |
| 28 | Neurosonnology (Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 29 | Psychosis (schizophrenia and other psychotic disorders) (Theoric: 1 Hour) | Asst.Prof H.E. ÇELİK |
| 30 | Parkinson Disease ((Theoric: 2 Hours) | Prof. Dr. A. Çağlar ÖĞÜTMAN |
| 31 | Neurodegenerative and Demyelinating Diseases((Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 32 | Genetic and Acquired Metabolic Diseases, Toxic diseases (Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 33 | CNS Tumours(Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 34 | Basic Principles of Psychiatric Interview(Theoric: 1 Hour) | Asst.Prof B. ÇETİN |
| 35 | Psychiatric Examination(Theoric: 1 Hour) | Asst.Prof Buğra ÇETİN |
| 36 | Drug Abuse And Drug Addiction (Theoric: 2 Hours) | Prof. Dr A. Çağlar ÖĞÜTMAN |
| 37 | Somatization and Related Disorders & Psychosomatic Disorders (Theoric: 1 Hour) | Asst.Prof H.Ece ÇELİK |
| 38 | Toxicology of Alcohols and Ethanol Addiction (Theoric: 2 Hours) | Prof. Dr A. Çağlar ÖĞÜTMAN |
| 39 | Osteoporosis Pathogenesis and Rehabilitation (Theoric: 1 Hour) | Prof. Dr. Nurdan KOTEVOĞLU |
| 40 | Nonarticular Rheumatism Pathogenesis and Rehabilitation(Theoric: 1 Hour) | Prof. Dr. Nurdan KOTEVOĞLU |
| 41 | Neck Pain Pathogenesis and Rehabilitation(Theoric: 1 Hour) | Prof. Dr. Nurdan KOTEVOĞLU |
| 42 | Anxiety and Related Disorders((Theoric: 1 Hour) | Asst.Prof Buğra ÇETİN |
| 43 | Polyneuropathies (Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 44 | Central Nervous System Stimulants((Theoric: 1 Hour) | Asst. Prof. Dr. TUĞBA GÜMÜŞTAŞ |
| 45 | Low Back Pain Pathogenesis and Rehabilitation(Theoric: 1 Hour) | Prof. Dr N. KOTEVOĞLU |
| 46 | Peripheral Nervous System and Skeletal Muscle Disorders Diseases((Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 47 | Eye diseases (Theoric: 2 Hours) | Assoc. Prof. Dr. İ.Çağatay ÇAĞLAR |
| 48 | Headache(((Theoric: 1 Hour) | Prof. Dr Nilgün ÇINAR |
| 49 | Epilepsy: Pathophysiology and Semiology ((Theoric: 1 Hour) | Asst.Prof T. ŞAHİNER |
| 50 | Hypnotics and Sedatives (Theoric: 2 Hours) | Asst. Prof. Dr. TUĞBA GÜMÜŞTAŞ |
| C | Soft Tissue Disorders Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 52 | Acquired Bone Diseases Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 53 | Addiction (Theoric: 1 Hour) | Asst.Prof Burcu K. KENDİRLİOĞLU |
| 54 | Pharmacotherapy of The Epilepsies (Theoric: 2 Hours) | Prof. Dr A. Çağlar ÖĞÜTMAN |
| 55 | Soft Tissue Rheumatism Pathogenesis and Rehabilitation(Theoric: 1 Hour) | Prof. Dr Nurdan KOTEVOĞLU |
| 56 | Drug Therapy of Depression and Anxiety Disorders (Theoric: 2 Hours) | Prof. Dr A. Çağlar ÖĞÜTMAN |
| 57 | Muscle Disorders (Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 58 | Neuromuscular Junction Diseases (Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 59 | Sexual Function Disorders (Theoric: 1 Hour) | Asst.Prof Burcu. K. KENDİRLİOĞLU |
| 60 | Local Anaesthetics (Theoric: 2 Hours) | Prof. Dr A. Çağlar ÖĞÜTMAN |
| 61 | Nuclear medicine applications in neurologic diseases (Theoric: 1 Hour) | Prof. Dr. Seyfettin ILGAN |
| 62 | Nuclear medicine applications in musculoskeletal diseases (Theoric: 1 Hour) | Prof. Dr. Seyfettin ILGAN |
| 63 | Introduction to Psychiatry, the Patient-Doctor Relationship (Theoric: 1 Hour) | Asst.Prof Buğra ÇETİN |
| 64 | ENCEPHALİTİS (Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 65 | Cranial Nerves (Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 66 | Osteoarthritis Pathophysiology and rehabilitation(Theoric: 1 Hour) | Prof. Dr Nurdan KOTEVOĞLU |
| 67 | General Anesthetics (Theoric: 2 Hours) | Prof. Dr A. Çağlar ÖĞÜTMAN |
| 68 | Neurological Examination in children (Theoric: 2 Hours) | Asst.Prof Ayça SÖZEN |
| 69 | Simulated Patient Meeting-Recording videos-Feedbacs (Theoric: 1 Hour) | Asst.Prof Miruna F. ATEŞ |
| 70 | Drugs Used for Prevention and Treatment of Osteoporosis (Theoric: 1 Hour) | Prof. Dr A. Çağlar ÖĞÜTMAN |
| 71 | Psychosocial Intervention in Disaster and Trauma(Theoric: 1 Hour) | Asst.Prof Burcu K. KENDİRLİOĞLU |
| 72 | Dissociative Disorders(Theoric: 1 Hour) | Asst.Prof A.E.BÜYÜKSANDALYACI TUNÇ |
| 73 | Dead and Grief /Mourning(Theoric: 1 Hour) | Asst.Prof H.Ece ÇELİK |
| 74 | Personality Disorders(Theoric: 1 Hour) | Asst.Prof A.E.BÜYÜKSANDALYACI TUNÇ |
| 75 | Opioid Analgesics (Theoric: 2 Hours) | Prof. Dr A. Çağlar ÖĞÜTMAN |
| 76 | Overview of Bone Pathology, Developmental Disorders of Bone and Cartilage(Theoric: 1 Hour | Prof. Dr. Apatullah HAHOLU |
| 77 | Bone Tumors(Theoric: 1 Hour | Prof. Dr. Aptullah HAHOLU |
| 78 | Neuromuscular Bloking Agents and Centrally ActingMuscle Relaxants(Theoric: 1 Hour | Prof. Dr A. Çağlar ÖĞÜTMAN |
| 79 | Ceritrally Acting Muscle Relaxants(Theoric: 1 Hour | Asst. Prof. Dr. TUĞBA GÜMÜŞTAŞ |
| 80 | Therapeutic applications of nuclear medicine – Theranostics -1 ((Theoric: 2 Hours)) | Prof. Dr. Seyfettin ILGAN |
| 81 | Dementia(Theoric: 1 Hour) | Prof. Dr Nilgün ÇINAR |
| 82 | Non-Opioid Analgesics (Theoric: 2 Hours) | Prof. Dr A. Çağlar ÖĞÜTMAN |
| 83 | Eating and Feeding Disorders((Theoric: 1 Hour) | Asst.Prof A.E.BÜYÜKSANDALYACI TUNÇ |
| 84 | Pharmacotherapy of Rheumatoid Arthritis(Theoric: 1 Hour) | Prof. Dr. A. Çağlar ÖĞÜTMAN |
| 85 | Cerebrovascular Diseases (Theoric: 1 Hour) | Prof. Dr Nilgün ÇINAR |
| 86 | Extrapyramidal System Disorders: athophysiology((Theoric: 1 Hour)) | Prof. Dr Nilgün ÇINAR |
| 87 | Sleep Disorders (Theoric: 1 Hour) | Assoc. Prof. Dr Suat KÜÇÜKGÖNCÜ |
| 88 | Disruptive, Impulse-Control, and Conduct Disorders(Theoric: 1 Hour) | Asst.Prof H.Ece. ÇELİK |
| 89 | Bone Fracture, Fracture Healing(Theoric: 1 Hour) | Prof. Dr. Aptullah. HAHOLU |
| 90 | Osteonecrosis and Osteomyelitis((Theoric: 1 Hour) | Prof. Dr. Aptullah HAHOLU |
| 91 | Pharmacotherapy of Gout(Theoric: 1 Hour) | Prof. Dr. A. Çağlar ÖĞÜTMAN |
| 92 | Behçet’s Disease and Familial Mediterranean Fever (Rhomathol)(Teorik:1 saat) | Prof. Dr. Nurdan KOTEVOĞLU |
| 93 | Pharmacotherapy of Migraine(Teorik:1 saat) | Prof. Dr. A. Çağlar ÖĞÜTMAN |
| 94 | What is Arthritis? Classification of Rheumatic Diseases, Synovial Anlaysis(Theoric: 1 Hour) | Prof. Dr Nurdan KOTEVOĞLU |
| 95 | Rheumatoid Arthritis and Ankylosing Spondylitis / Other Spondyloarthropathies((Theoric: 1 Hour) | Prof. Dr Nurdan KOTEVOĞLU |
| 96 | Drugs Used for the Treatment of Central Nervous System Degenerative Disorders and Multiple Sclerosis ((Theoric: 1 Hour)) | Prof. Dr. A. Çağlar ÖĞÜTMAN |
| 97 | Connective Tissue Diseases / Vasculitis((Theoric: 1 Hour)) | Prof. Dr. Nurdan KOTEVOĞLU |
| 98 | Crystal Artropathies(Teorik:1 saat) | Prof. Dr. Nurdan KOTEVOĞLU |
| 99 | PATHOLOGY: Macroscopic and microscopic changes in brain and neural system disorders P-LAB 2 SAAT(Theoric: 1 Hour) |  Prof. Dr. Aptullah HAHOLU |

 |

| **TERM 3 COMMITTE 7 LECTURE LIST AND RANKING** |
| --- |
|

|  **No** | **LECTURE/Competence** | **Lecturer** |
| --- | --- | --- |
| 1 | Introduction to Forensic Medicine and Forensic Science (Theoric: 2 Hours) | Asst.Prof Kağan Gürpınar |
| 2 | Public Health Concept (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek |
| 3 | Public Health Care (Theooric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek |
| 4 | Health Services in Turkey (Theoric: 2 Hours) | Prof. Dr. Ahmet Zafer Öztek |
| 5 | Introduction to Epidemiology ( Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 6 | Causality Concept İn Epidemiology and its measures (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 7 | Descriptive And Cross Sectional Researches (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 8 | Medical Ethics , Its Meaning, Ethical Rules and Problems (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 9 | Principles of Medical Ethics (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 10 | Patient and Physician Rights (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 11 | Case-Control And Cohort Studies-measures for risk (Theoric: 2 Hours) | Prof. Dr. Hüseyin Refik Burgut |
| 12 | Financing Health Services (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek |
| 13 | Responsibility of Physician (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 14 | Relations of Patient-Physician (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 15 | Quackery and Drug Addiction in Medicine (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 16 | Human Resources For Health (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek |
| 17 | Population And Health (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek |
| 18 | Consultation and Ethical Problems (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 19 | Privacy in Medicine (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 20 | Organ and Tissue Transplantations and Ethical Problems (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 21 | Control Of Non-Communicable Diseases (Theoric: 4 Hours) | Prof. Dr. Ahmet Zafer Öztek |
| 22 | Elderlies And Disabled People (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek |
| 23 | Tobacco And Health (Theoric: 1 Hour)  | Prof. Dr. Ahmet Zafer Öztek |
| 24 | Genetics and Ethical Problems (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 25 | Physician Reports and Ethical Peoblems (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 26 | Euthanasie and Ethical Problems (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 27 | Disaster Medicine (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek |
| 28 | Community Mental Health (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek |
| 29 | Health Services İn Specific İnstitutions (Schools, Prisons) (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek |
| 30 | International Health (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek |
| 31 | Experimental studies- Controlled Clinical Trial (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 32 | Introduction To Biostatistics (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 33 | Definition and Use of Biostatistics (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 34 | Legal Liabilities and Forensic Duties of Physicians (Theoric: 1 Hour) | Asst.Prof Kağan Gürpınar |
| 35 | Definition and Examinatin Of Forensic Case and Death Definition (Theoric: 1 Hour) | Asst.Prof Kağan Gürpınar |
| 36 | Repreduction and Medical Ethics (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 37 | General Discussion (Theoric: 1 Hour) | Prof. Dr. Ayşegül Erdemir |
| 38 | Major Health Problems in Turkey (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek |
| 39 | Specific Topics İn Epidemiology And Screenings (Theoric: 1 Hour)) | Asst.Prof Onur Özlem Öztürk |
| 40 | Controlling Communicable Diseases And İmmunization (Theoric: 1 Hour) | Asst.Prof Onur Özlem Öztürk |
| 41 | Descriptive Statistics (Theoric: 1 Hour)) | Prof.Dr.Hüseyin Refik Burgut |
| 42 | Sampling and sampling techniques (Theoric: 1 Hour) | Prof Dr. Hüseyin Refik Burgut |
| 43 | Vectorborne Diseases And Malaria Control (Theoric: 1 Hour) | Asst.Prof Onur Özlem Öztürk |
| 44 | Tuberculosis Control (Theoric: 1 Hour) | Asst.Prof Onur Özlem Öztürk |
| 45 | Newborn screenings (Theoric: 1 Hour) | Asst.Prof Onur Özlem Öztürk |
| 46 | Measures of occurrence, reliability measures for diagnostic tests- ROC analysis (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 47 | Inference – Estimation- Point and Confidence intervals (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 48 | Hypothesis testing for single population (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 49 | Determinants of Health (Theoric: 1 Hour) | Asst.Prof Onur Özlem Öztürk |
| 50 | Reproductive Health (Theoric: 1 Hour) | Asst.Prof Onur Özlem Öztürk |
| 51 | Children and Adolescents as a Public Health Concern (Theoric: 1 Hour) | Asst.Prof Onur Özlem Öztürk |
| 52 | Hypothesis testing for two populations (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 53 | Hypothesis testing for more than two ( dependent or independent) populations-Analysis of variance (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 54 | Regression and correlation-Test of association (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 55 | Tests of independence for the categorical variables (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 56 | Measures for agreement and tests of agreement among tests , among clinicians (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 57 | Data for survival and analysis of survival data (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 58 | Principles Of Occupational Health (Theoric: 1 Hour) | Asst.Prof Onur Özlem Öztürk |
| 59 | Risk Factors For Occupational Health (Theoric:3 Hours) | Asst.Prof Onur Özlem Öztürk |
| 60 | Systematic review and meta-analysis (Theoric: 1 Hour) | Prof. Dr. Hüseyin Refik Burgut |
| 61 | Approaches to reaching and searching best evidence available for diagnosis, treatment, prognosis and harm (Theoric:2 Hours) | Prof. Dr. Hüseyin Refik Burgut |
| 62 | Occupational Diseases and Occupational Accidents (Theoric:2 Hours) | Asst.Prof Onur Özlem Öztürk |
| 63 | Environmental Health (Theoric: 1 Hour) | Asst.Prof Onur Özlem Öztürk |
| 64 | Social Determinants of Health (Theoric: 1 Hour) | Asst.Prof Onur Özlem Öztürk |
| 65 | General Discussion (Forensic Medicine) (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek/ Asst.Prof Onur Özlem Öztürk |
| 66 | General Discussion (Epidemiology and Biostatistics) (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek/ Asst.Prof Onur Özlem Öztürk |
| 67 | General Discussion (Public Health) (Theoric: 1 Hour) | Prof. Dr. Ahmet Zafer Öztek/ Asst.Prof Onur Özlem Öztürk |

| **EDUCATIONAL METHODS GUIDE** |
| --- |
|

| **CODE** | **METHOD NAME** | **EXPLANATION** |
| --- | --- | --- |
| **EM1** | Class | These are the courses applied in preclinical education where the whole class comes together. |
| **EM2** | Classroom Lesson | These are the courses applied in small groups during the clinical period. |
| **EM3** | Laboratory Practice | These are laboratory courses applied in the preclinical period. |
| **EM4** | Skill Training App | It is the work that the student does on a model or mannequin before meeting with the real patient, which will be done in the Virtual Clinic or other environment. |
| **EM5** | Clinical Education | These are activities that provide clinical competence by applying bedside training with real patients or models under the supervision of trainers. |
| **EM6** | Independent Working Hours | These are the periods in the curriculum for students to repeat what they have learned and to prepare for new lesson sessions. |
| **EM7** | Community Based Education Application | Field practices, non-unit professional practices, etc. includes. |
| **EM8** | Problem Based Learning | PBL sessions |
| **EM9** | Special Operation Module | These are applications that will enable the student to gain in-depth knowledge about a subject individually or as a group. |
| **EM10** | Scientific Research Study | These are applications aimed at improving the scientific research competence of the student. |
| **EM11** | Other | If this code is used, the training method should be written in detail. |

 |

 |

| **MEASUREMENT EVALUATION (ME) METHODS GUIDE** |
| --- |
|

| **CODE** | **METHOD NAME** | **EXPLANATION** |
| --- | --- | --- |
| **ME1** | Theoretical Exam (Containing Multiple Choice, Multiple Choice, etc. questions) | The committee is the exam used in the final exams. |
| **ME2** | Practical exam | It should be used for laboratory applications. |
| **ME3** | Classical Oral |  |
| **ME4** | Structured Oral | It is an oral exam in which questions and answers are prepared in advance on a form. |
| **ME5** | OSCE | Objective Structured Clinical Examination |
| **ME6** | CORE | Clinical Act Execution Exam |
| **ME7** | ICE (On-the-Job Evaluation) | It is the evaluation made by the trainer on the student at the bedside or during the practice. |
| **ME8** | Other | A statement must be made. |

 |