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| **MARMARA UNIVERSITY SCHOOL of MEDICINE** | |
| **CLINICAL EDUCATION PROGRAM**  **Phase 3 / Year 6**  **2023-2024**  **Internal Medicine Internship Program**  **Group 5**  01.11.2023- 29.12.2023 | |
| **Coordinator of Block**  Assoc. Prof. Aslı Tufan ÇİNÇİN | |
| **Year 6 Coordinators**  Assoc. Prof. Aslı Tufan ÇİNÇİN  Assoc. Prof. Şehnaz OLGUN YILDIZELİ | |
| **Chief Coordinator of Clinical Education**  Prof. İlker YAĞCI | |
| **Assessment**  Prof. Hasan Raci YANANLI | **Students’ Affairs**  Assist. Prof. Can ERZİK |
| **Vice Dean**  Prof. Altuğ ÇİNÇİN  Prof. Hasan Raci YANANLI | **Dean**  Prof. Ümit Süleyman ŞEHİRLİ |

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| **AIMs and LEARNING OBJECTIVES of COURSE**   * Analyzing problems, understanding decision making and problem solving processes by integrating knowledge related with cardiovascular, chest, hematologic and oncological diseases, infectious, gastrointestinal, endocrinological, nephrological, geriatric and rheumatological diseases. * Gaining competencies in clinical skills * Understanding patient, disease and health care process management * Effective communication with patients, their relatives and health team; being open to collaboration and team work * Taking care of professional, societal and individual values, and develop behaviors accordingly * Taking care of patient and public benefit in medical practices by critical appraisal of the health systems and health policies | |
| **ASSESSMENT SYSTEM**   * Assesment is based on students’ attendance, participation in team work, interactive skills, procedural success, and scientific approach to clinical problems | **PROGRAM EVALUATION**   * Evaluation at the end of the course, is done by using structured evaluation forms |
| **DEPARTMENTS PARTICIPATING IN COURSE**   * General Internal Medicine * Heamatology * Nephrology * Endocrinology * Gastroenterology * Rheumatology * Medical Oncology * Geriatrics * Cardiology * Chest Medicine and ICU * Infectious Diseases * Neurology | |

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| **LECTURERS / TUTORS** | |
| Prof. Sait KARAKURT  Prof. Berrin CEYLAN  Prof. Emel ERYÜKSEL  Prof. Dilek YAVUZ  Prof. Hülya ILIKSU GÖZÜ  Prof. Halil Önder ERSÖZ  Prof. Özlem ÜSTAY  Prof. Özlen ATUĞ  Prof. Yeşim ALAHDAB  Prof. Osman Cavit ÖZDOĞAN  Prof. Tülin TUĞLULAR  Prof. Işık ATAGÜNDÜZ  Prof. Zübeyde Serhan TUĞLULAR  Prof. Mehmet KOÇ  Prof. İ. Hakkı ARIKAN  Prof. Arzu VELİOĞLU  Prof. Ebru AŞICIOĞLU  Prof. Rafi Haner DİRESKENELİ  Prof. Pamir ATAGÜNDÜZ  Prof. Güzide Nevsun İNANÇ  Prof. Fatma ALİBAZ ÖNER  Prof. Ali Serdar FAK  Prof. Bülent MUTLU  Prof. Nurten SAYAR  Prof. Kürşat TİGEN  Prof. Beste Özben SADIÇ  Prof. Alper KEPEZ  Prof. Ahmet Altuğ ÇİNÇİN  Prof. Murat SÜNBÜL  Prof. Volkan KORTEN  Prof. Lütfiye MÜLAZIMOĞLU  Prof. Zekaver ODABAŞI  Prof. Elif TİGEN | Assoc. Prof. Halil ATAŞ  Assoc. Prof. Yusuf Emre GÜREL  Assoc. Prof. Coşkun Özer DEMİRTAŞ  Assoc. Prof. Tayfur TOPTAŞ  Assoc. Prof. Asu Fergün YILMAZ  Assoc. Prof. Dilek BARUTÇU ATAŞ  Assoc. Prof. Murat TUĞCU  Assoc. Prof. Haluk Tarık KANİ  Assoc. Prof. Osman KÖSTEK  Assoc. Prof. İbrahim Vedat BAYOĞLU  Assoc. Prof. Özlem ERCELEP  Assoc. Prof. Murat SARI  Assoc. Prof. Aslı TUFAN ÇİNÇİN  Assoc. Prof. Şehnaz OLGUN YILDIZELİ  Assoc. Prof. Derya KOCAKAYA  Assoc. Prof. Gökhan TAZEGÜL  Assoc. Prof. Dr. Buket Şengel  Assoc. Prof. Dr. Dilek YAĞCI ÇAĞLAYIK  Assis. Prof. Hüseyin ARIKAN  Assis. Prof. Umut Sabri KASAPOĞLU  Assis. Prof. Erdem YALÇINKAYA  Assis. Prof. Eren İMRE  Dr. Abidin GÜNDOĞDU |
| **READING / STUDYING MATERIALS** | |
| * Harrison's Principles of Internal Medicine. * Cecil’s Essentials of Medicine. * CURRENT Medical Diagnosis and Treatment * Yetişkinde Fizik Muayene Temel Yöntemler (Marmara Üniversitesi Tıp Fakültesi, İç Hastalıkları ABD) * ACİL Tıbbi Yaklaşımlar (Marmara Üniversitesi Tıp FAKültesi, İç Hastalıkları ABD) * EKG Akıl Notları, Prof. Dr. Ali Serdar FAK, Güneş Tıp Kitabevleri, 4. Baskı, 2019 * Current Diagnosis and Treatment in Cardiology, Michael Crawford Lange Medical Books, McGraw Hill, * Pathophysiology of Heart Disease, Leonard S. Lilly, Lea & Febiger, * Manual of Cardiovascular Medicine, 3rd Edition, Brian P Griffin, Eric J. Topol, Lippincott Williams & Wilkins, * Netter’s Cardiology, Marschall S Runge, Magnus Ohman, Icon Learning Systems * Pocket Guide to ECG Diagnosis,   Edward K.Chung, First edition, Blackwell Science. | |

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| **SUMMARY OF THE COURSE** | | | |
| **Committee / lectures** | **Lecture & Group Discussion** | **Multidisciplinary Lab & Clinical Skills Lab.**  **Practice** | **Total** |
| Inpatient/ Outpatient clinic visits |  | 240 | 240 |
| Orientation Program  Hand Hygine And Isolation | 2 | 2 | 4 |
| Mortality meetings | 4 | 4 | 8 |
| Morning Reports | 16 | 16 | 32 |
| Academic skills and development courses | 8 | 8 | 16 |
| Multi- Disciplinary Clinical Case Discussions | 8 | 8 | 16 |
| Essentials of Internal Medicine | 8 | 4 | 12 |
| Journal Club | 8 | 8 | 16 |
| Advanced of Internal Medicine | 8 | 4 | 12 |
| Professionalism and Counseling | 2 | 2 | 4 |
| **TOTAL** | **64** | **296** | **360** |

\*Different groups may have different lectures at the same period because of the overlap of lessons and hospitals.

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| **1st Week (01.11.23-03.11.23)** | | | |
| **Time** | **Lecture** | **Lecturers** | **Theoretical / Practical** |
| **Wednesday** | | | |
| 08.00-08:30 | Orientation Program  Hand Hygine And Isolation | Dilek GOGAS YAVUZ | Theoretical |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Acute Heart Failure | Ali Serdar FAK | Theoretical |
| 13:30-16.30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Thursday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30:16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Journal Club (Pendik) |  | Theoretical |
| **Friday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Approach to liver enzyme elevations | Feyza GÜNDÜZ | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |

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| **2nd Week (06.11.23-10.11.23)** | | | |
| **Time** | **Lecture** | **Lecturers** | **Theoretical / Practical** |
| **Monday** | | | |
| 07.30-08:30 | Morning Report (Pendik) | Abidin GÜNDOĞDU | Theoretical |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Morning Report (Başıbüyük) | Gökhan TAZEGÜL | Theoretical |
| 13:30-16.30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Academic skills and development courses (Pendik) |  | Theoretical |
| **Tuesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Multi- Disciplinary Clinical Case Discussion (Pendik-Başıbüyük) |  | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Wednesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Febrile neutropenia | Zekaver ODABAŞI | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Thursday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30:16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Journal Club (Pendik) |  | Theoretical |
| **Friday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Follow-up of CKD Patient | Mehmet KOÇ | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |

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| **3rd Week (13.11.23-17.11.23)** | | | |
| **Time** | **Lecture** | **Lecturers** | **Theoretical / Practical** |
| **Monday** | | | |
| 07.30-08:30 | Morning Report (Pendik) | Abidin GÜNDOĞDU | Theoretical |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Morning Report (Başıbüyük) | Gökhan TAZEGÜL | Theoretical |
| 13:30-16.30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Academic skills and development courses (Pendik) |  | Theoretical |
| **Tuesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Multi- Disciplinary Clinical Case Discussion (Pendik-Başıbüyük) |  | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Wednesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Hypertensive emergencies (Feo, Conn, Renal artery st.) | Ali Serdar FAK | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Thursday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30:16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Journal Club (Pendik) |  | Theoretical |
| **Friday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Hypercoagulability | Işık ATAGÜNDÜZ | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |

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| **4thWeek (20.11.23-24.11.23)** | | | |
| **Time** | **Lecture** | **Lecturers** | **Theoretical / Practical** |
| **Monday** | | | |
| 07.30-08:30 | Morning Report (Pendik) | Abidin GÜNDOĞDU | Theoretical |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Morning Report (Başıbüyük) | Gökhan TAZEGÜL | Theoretical |
| 13:30-16.30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Academic skills and development courses (Pendik) |  | Theoretical |
| **Tuesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Multi- Disciplinary Clinical Case Discussion (Pendik-Başıbüyük) |  | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Wednesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Approach to hypocalcemia and hypercalcemia | Dilek GOGAS YAVUZ | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Thursday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30:16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Journal Club (Pendik) |  | Theoretical |
| **Friday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Behcet 's disease | Fatma ALİBAZ ÖNER | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |

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| **5th Week (27.11.23-01.12.23)** | | | |
| **Time** | **Lecture** | **Lecturers** | **Theoretical / Practical** |
| **Monday** | | | |
| 07.30-08:30 | Morning Report (Pendik) | Abidin GÜNDOĞDU | Theoretical |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Morning Report (Başıbüyük) | Gökhan TAZEGÜL | Theoretical |
| 13:30-16.30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Academic skills and development courses (Pendik) |  | Theoretical |
| **Tuesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Multi- Disciplinary Clinical Case Discussion (Pendik-Başıbüyük) |  | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Wednesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Cardiorenal Syndrome | Murat TUĞCU | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Thursday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30:16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Journal Club (Pendik) |  | Theoretical |
| **Friday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Seronegative Spondyloarthropathies | Mehmet Pamir ATAGÜNDÜZ | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |

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| **6th Week (04.12.23-08.12.23)** | | | |
| **Time** | **Lecture** | **Lecturers** | **Theoretical / Practical** |
| **Monday** | | | |
| 07.30-08:30 | Morning Report (Pendik) | Abidin GÜNDOĞDU | Theoretical |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Morning Report (Başıbüyük) | Gökhan TAZEGÜL | Theoretical |
| 13:30-16.30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Academic skills and development courses (Pendik) |  | Theoretical |
| **Tuesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Multi- Disciplinary Clinical Case Discussion (Pendik-Başıbüyük) |  | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Wednesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Approach to Arrhythmias in Emergency Internal Medicine | Ali Serdar FAK | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Thursday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30:16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Journal Club (Pendik) |  | Theoretical |
| **Friday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Hyperthyroidism and Hypothyroidism | Eren İMRE | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |

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| **7th Week (11.12.23-15.12.23)** | | | |
| **Time** | **Lecture** | **Lecturers** | **Theoretical / Practical** |
| **Monday** | | | |
| 07.30-08:30 | Morning Report (Pendik) | Abidin GÜNDOĞDU | Theoretical |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Morning Report (Başıbüyük) | Gökhan TAZEGÜL | Theoretical |
| 13:30-16.30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Academic skills and development courses (Pendik) |  | Theoretical |
| **Tuesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Multi- Disciplinary Clinical Case Discussion (Pendik-Başıbüyük) |  | Theoretical |
| 13:30-14:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 14:30-17:00 | Professionalism and Counseling (Pendik) | Ömer YANARTAŞ  Erkman SARI  Fethi GÜL | Theoretical |
| **Wednesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Acute Kidney Disease | Serhan TUĞLULAR | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Thursday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30:16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Journal Club (Pendik) |  | Theoretical |
| **Friday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Chronic Diarrhea and Malabsorption Syndrome. | Haluk Tarık KANİ | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |

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| **8th Week (18.12.23-22.12.23)** | | | |
| **Time** | **Lecture** | **Lecturers** | **Theoretical / Practical** |
| **Monday** | | | |
| 07.30-08:30 | Morning Report (Pendik) | Abidin GÜNDOĞDU | Theoretical |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Morning Report (Başıbüyük) | Gökhan TAZEGÜL | Theoretical |
| 13:30-16.30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Academic skills and development courses (Pendik) |  | Theoretical |
| **Tuesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Multi- Disciplinary Clinical Case Discussion (Pendik-Başıbüyük) |  | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Wednesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Hyperviscosity, Leukostasis | Işık ATAGÜNDÜZ | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Thursday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30:16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Journal Club (Pendik) |  | Theoretical |
| **Friday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Approach to patient with Constitutional Sym. | Gökhan TAZEGÜL | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |

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| **9th Week (25.12.23-29.12.23)** | | | |
| **Time** | **Lecture** | **Lecturers** | **Theoretical / Practical** |
| **Monday** | | | |
| 07.30-08:30 | Morning Report (Pendik) | Abidin GÜNDOĞDU | Theoretical |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Morning Report (Başıbüyük) | Gökhan TAZEGÜL | Theoretical |
| 13:30-16.30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Academic skills and development courses (Pendik) |  | Theoretical |
| **Tuesday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Multi- Disciplinary Clinical Case Discussion (Pendik-Başıbüyük) |  | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Wednesday** | |  |  |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | ACS Management in Emergency Internal Medicine | Ali Serdar FAK | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| **Thursday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Reflection on clinical/educational experiences and learning performances of students | Aslı TUFAN ÇİNÇİN  Şehnaz OLGUN YILDIZELİ | Theoretical |
| 13:30:16:30 | Inpatient/ Outpatient clinic visits |  | Practical |
| 17:00-18:00 | Journal Club (Pendik) |  | Theoretical |
| **Friday** | | | |
| 08.30-12:00 | Inpatient/ Outpatient clinic visits |  | Practical |
| 12:30-13:30 | Pancytopenia | Işık ATAGÜNDÜZ | Theoretical |
| 13:30-16:30 | Inpatient/ Outpatient clinic visits |  | Practical |