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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 ÇİNÇİNAssoc. 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 ÇİNÇİNProf. 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
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| **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
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| **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 KARAKURTProf. 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 ÖNERProf. Ali Serdar FAK Prof. Bülent MUTLU Prof. Nurten SAYARProf. Kürşat TİGENProf. Beste Özben SADIÇ Prof. Alper KEPEZProf. Ahmet Altuğ ÇİNÇİN Prof. Murat SÜNBÜLProf. Volkan KORTENProf. Lütfiye MÜLAZIMOĞLUProf. Zekaver ODABAŞIProf. Elif TİGEN | Assoc. Prof. Halil ATAŞAssoc. Prof. Yusuf Emre GÜRELAssoc. Prof. Coşkun Özer DEMİRTAŞAssoc. Prof. Tayfur TOPTAŞAssoc. Prof. Asu Fergün YILMAZAssoc. Prof. Dilek BARUTÇU ATAŞAssoc. Prof. Murat TUĞCUAssoc. Prof. Haluk Tarık KANİAssoc. Prof. Osman KÖSTEKAssoc. Prof. İbrahim Vedat BAYOĞLUAssoc. Prof. Özlem ERCELEPAssoc. Prof. Murat SARIAssoc. Prof. Aslı TUFAN ÇİNÇİNAssoc. Prof. Şehnaz OLGUN YILDIZELİAssoc. Prof. Derya KOCAKAYAAssoc. Prof. Gökhan TAZEGÜLAssoc. Prof. Dr. Buket ŞengelAssoc. Prof. Dr. Dilek YAĞCI ÇAĞLAYIKAssis. Prof. Hüseyin ARIKANAssis. Prof. Umut Sabri KASAPOĞLUAssis. Prof. Erdem YALÇINKAYAAssis. 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 ProgramHand 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 ProgramHand 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 YANARTAŞErkman SARIFethi 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 ÇİNÇİNŞehnaz 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 |