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| **C:\Users\Namariel\Downloads\TıpF (1)\TıpF\TıpF-2.png****MARMARA UNIVERSITY SCHOOL of MEDICINE** |
| MUSCULOSKELETAL, INTEGUMENTARY SYSTEMS AND RELATED DISORDERS  YEAR 2 COURSE 4  February 15 – April 24, 2021  |
| **Coordinator of the Course 2.4**Assist. Prof., Ural VERİMLİ | **Coordinator of the Module 2.4**Assoc. Prof., Cengiz Eren CANSÜ |
|  **Year 2 Coordinators** Assoc. Prof., Özgür Kasımay ÇAKIR & Assist. Prof., Burak AKSU |
| **Module Coordinator**Prof., Rezzan GÜLHAN, Assist.Prof., Sinem YILDIZ İNANICI | **Introduction to Clinical Practice (ICP) Coordinators**Prof., Pemra CÖBEK ÜNALAN & Prof., Serap ÇİFÇİLİ |
|  **Coordinator of Multidisciplinary Students’ Lab**.Assoc. Prof., Betül KARADEMİR | **Coordinator of Clinical Skills Lab.**Assoc. Prof., Çiğdem APAYDIN |
|  **Coordinator of Assessment Unite**Assist. Prof., Cevdet NACAR | **Coordinator of Student Exchange Programs**Assist. Prof., Can ERZİK |
| **Vice-Chief Coordinators** |
| **Program**Prof., Oya ORUN | **Assessment** Assoc. Prof., Hasan R. YANANLI | **Students’ Affairs**Assist. Prof., Can ERZİK |
| **Chief Coordinator (Pre-Clinical Education)** Prof., Serap ŞİRVANCI | **Coordinator of Medical Education Program Evaluation and Development Commission**Prof., Harika ALPAY |
| **Vice Dean (Education)**Prof., Ümit ŞEHİRLİ | **Dean** Prof., Hakan GÜNDÜZ |

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| MUSCULOSKELETAL, INTEGUMENTARY SYSTEMS AND RELATED DISORDERS  |
| AIM and LEARNING OBJECTIVES of COURSE **Aim:** At the end of this committee, second year students will gain knowledge about the development, structure and pfysiology of the musculoskeletal system and pathogenesis of the disorders related to this system. They will also gain knowledge about the signs and symptoms of musculoskeletal and integumentary disorders, related risk factors, prevention, diagnosis, principles of treatment and rehabilitation.**Learning Objectives:** At the end of this committee, second year students will, • understand the development of the musculoskeletal and intugumentary system • identify the structure and functionof the musculoskeletal and integumentary system • define the pathologic processes in the musculoskeletal and intugumentary disordes • gain knowledge about microorganism that affect the musculoskeletal and intugumentary system and their pathogenesis in infectious process • gain knowledge about the risk groups, risk factors related to the musculoskeletal and intugumentary disorders and preventive measures • gain knowledge about the signs and symptoms of these disorders • gain knowledge about the approach to diagnosis, principles of treatment and rehabilitation of musculoskeletal disorders • define the pharmacotherapy of cardiovascular disorders • acquire skills necessary to perform experimental applications |
| **ASSESSMENT SYSTEM**Module examination: Written exam at the end of module (10 % of final score)Practical examination: Practical exams at the end of courseCourse examination: Written exam at the end of course |  **PROGRAM EVALUATION** Evaluation at the end of the course, is done both orally and by using structured evaluation forms |
| DEPARTMENTS PARTICIPATING IN COURSE-2.4 & MODULE-2.4 |
| * Anatomy
* Biochemistry
* Biophysics
* Biostatistics
* Family Medicine
* Histology and Embryology
* Immunology
* Medical Education
* Medical Biology
* Microbiology
 | * Orthopedics and Travmatology
* Pathology
* Physical Medicine and Rehabilitation
* Physiology
* Public Health
* Radiology
* Rheumatology
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| LECTURERS / TUTORS |
| Rengin Asiye AHISKALI, Professor of PathologyGülseren AKYÜZ, Professor of Physical Medicine and RehabilitationAhmet ARMAN, Professor of Medical GeneticsMehmet Pamir ATAGÜNDÜZ, Professor of RheumatologyMurat BEZER, Professor of Orthopedics and TraumatologyOnur BUĞDAYCI, Assist. Professor of RadiologyHülya CABADAK, Professor of BiophysicsZeliha Leyla CİNEL, Professor of PathologyNilgün ÇERİKÇİOĞLU, Professor of MicrobiologyŞule ÇETİNEL, Professor of Histology and EmbryologySaliha Serap ÇİFÇİLİ, Professor of Family MedicineRafi Haner DİRESKENELİ, Professor of RheumatologyMehmet Tuncay DURUÖZ, Professor of Physical Medicine and RehabilitationHuriye Nursel ELÇİOĞLU, Professor of PediatricsFeriha ERCAN, Professor of Histology and EmbryologyBülent EROL, Professor of Orthopedics and TraumatologyGünseli Ayşe GARİP İNHAN, Assoc. Professor of BiophysicsŞefik GÖRKEY, Professor of Medical History and EthicsMedine GÜLÇEBİ İDRİZ OĞLU, Assoc. Professor of PharmacologyRezzan GÜLHAN, Professor of PharmacologyZeynep Arzu İLKİ, Professor of Microbiology | Naime Evrim KARADAĞ SAYGI, Professor of Physical Medicine and RehabilitationÖzgür KASIMAY ÇAKIR, Assoc. Professor of PhysiologyHızır KURTEL, Professor of PhysiologyNimet Emel LÜLECİ, Professor of Public HealthPınar MEGA TİBER, Assoc. Professor of BiophysicsNecmettin Ömer ÖZDOĞMUŞ, Assoc. Professor of AnatomyDilşad SAVE, Professor of Public HealthGürkan SERT, Assoc. Professor of Medical History and EthicsCanan ŞANAL TOPRAK, Assist. Professor of Physical Medicine and RehabilitationÜmit Süleyman ŞEHİRLİ, Professor of AnatomyEvrim ŞİRİN, Assist. Professor of Orthopedics and TraumatologySerap ŞİRVANCI, Professor of Histology and EmbryologyAhmet TOPUZOĞLU, Professor of Public HealthHüseyin Kemal TÜRKÖZ, Assoc. Professor of PathologyGülru Pemra ÜNALAN, Professor of Family MedicineUral VERİMLİ, Assist. Professor of Anatomyİlker YAĞCI, Professor of Physical Medicine and RehabilitationAhmet Suha YALÇIN, Professor of Biochemistry |
| READING / STUDYING MATERIALS* Arthritis and Allied Conditions: A Textbook of Rheumatology (Koopman) Medical Microbiology (Cedric Mims et al.)
* Basic and Clinical Pharmacology (Bertram G Katzung)
* Basic Pathology (Stanley L Robbins, Marcia Angel, Vinay Kumar)
* Clinical Pharmacology (Laurence DR, Bennet PN)
* Clinical Anatomy for Medical Students (Richard S. , M.D. Snell)
* Clinically Oriented Anatomy: Books (Keith L. Moore, Arthur F. Dalley)
* Gray's Anatomy for Students (Richard L. Drake, Richard L. Drake Ph.D. , Henry Gray Adam W.M. Mitchell)
* Gray Anatomi (Çeviri Editörü: Prof. Dr. Mehmet YILDIRIM, Güneş Kitabevi, 2006)
* Histology and Cell Biology: An Introduction to Pathology (Abraham L Kierszenbaum)
* Human Histology (Alan Stevens, James Lowe)
* Pharmacological Basis of Therapeutics (Goldman & Gilman’s)
* Physical Medicine and Rehabilitation (Braddom)
* Review Medical Microbiology (Ernest Jawetz et al)
* Reviw of Medical Microbiology (Patric R Muray, Ken S Rosenthal)
* Textbook of Physiology (Guyton AC)
* The Developing Human (Keith L. Moore)
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| SUMMARY OF THE COURSE |
| **Discipline** | **Lecture & Group Discussion** | **Multidisciplinary Lab. & Clinical Skills Lab. Practice** | **Total** |
| Anatomy | 40 | 20 | 60 |
| Biochemistry | 4 |  | 4 |
| Biophysics | 8 |  | 8 |
| Family Medicine | 1 |  | 1 |
| Histology and Embryology | 11 | 4 | 15 |
| Internal Medicine | 3 |  | 3 |
| Medical Genetics | 1 |  | 1 |
| Microbiology | 6 | 2 | 8 |
| Orthopedics and Traumatology | 5 |  | 5 |
| Pathology | 8 | 1 | 9 |
| Pharmacology | 6 |  | 6 |
| Physical Medicine | 7 |  | 7 |
| Physiology | 5 | 2 | 7 |
| Public Health | 7 |  | 7 |
| Radiology | 2 |  | 2 |
| Subtotal | 114 | 29 | 143 |
| PBL Module | 8 |  | 8 |
| TOTAL |  |  |  |
| ICP-2: Basic Clinical Skills, Human in Medicine (Students’ Research Activity) | 59 |  | 59 |
| **TOTAL** | **181** | **29** | **209** |

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| **TEN WEEK PROGRAM** |
|  | **THEORETICAL AND PRACTICAL SESSIONS** | **LECTURER(S)/TUTOR(S)** |
| **Week-1 (15 February - 19 February 2021)** |
| **Monday** | **15 February** |  |
| 09:00-09:50 | **Y2C3 THEORETICAL EXAM** |  |
| 10:00-10:50 |  |
| 11:00-11:50 |  |
|  |  |  |
| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **16 February** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Wednesday** | **17 February** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Introduction to the course  | Dr. Ural Verimli |
| 11:00-11:50 | Opening lecture: Sports and health | Dr. Hızır Kurtel |
|  |  |  |
| 13:00-13:50 | Muscles and joints: general consideration | Dr. Ümit Süleyman Şehirli |
| 14:00-14:50 | Muscles and joints: general consideration | Dr. Ümit Süleyman Şehirli |
| 15:00-15:50 | Cartilage | Dr. Feriha Ercan |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Thursday** | **18 February** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Upper extremity bones | Dr. Necmettin Ömer Özdoğmuş |
| 11:00-11:50 | Upper extremity bones | Dr. Necmettin Ömer Özdoğmuş |
|  |  |  |
| 13:00-13:50 | Histology of bone and joint | Dr. Feriha Ercan |
| 14:00-14:50 | Histology of bone and joint | Dr. Feriha Ercan |
| 15:00-15:50 | Infectious diseases of the bone and joint | Dr. Rengin Asiye Ahıskalı |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Friday** | **19 February** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Biochemistry of bone metabolism | Dr. Ahmet Suha Yalçın |
| 11:00-11:50 | Biochemistry of bone metabolism | Dr. Ahmet Suha Yalçın |
|  |  |  |
| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 | Bone remodeling, development and developmental abnormalities and fracture healing | Dr. Hüseyin Kemal Türköz |
| 16:00-16:50 | Neoplastic disease of bone and joint | Dr. Hüseyin Kemal Türköz |
| 17:00-17:50 |  |  |
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| **Week-2 (22 February - 26 February 2021)** |
| **Monday** | **22 February** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
|  |  |  |
| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **23 February** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Clinical pharmacology of non-steroidal anti-inflammatory drugs | Dr. Rezzan Gülhan |
| 11:00-11:50 | Clinical pharmacology of non-steroidal anti-inflammatory drugs | Dr. Rezzan Gülhan |
|  |  |  |
| 13:00-13:50 | Axillary region | Dr. Ümit Süleyman Şehirli |
| 14:00-14:50 | Brachial plexus | Dr. Ümit Süleyman Şehirli |
| 15:00-15:50 | Brachial plexus | Dr. Ümit Süleyman Şehirli |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Wednesday** | **24 February** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Superficial back and posterior aspect of shoulder and arm | Dr. Necmettin Ömer Özdoğmuş |
| 11:00-11:50 | Superficial back and posterior aspect of shoulder and arm | Dr. Necmettin Ömer Özdoğmuş |
|  |  |  |
| 13:00-13:50 | Ethics-1  | Dr. Şefik Görkey |
| 14:00-14:50 | Ethics-1  | Dr. Şefik Görkey |
| 15:00-15:50 | Ethics-1  | Dr. Şefik Görkey |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Thursday** | **25 February** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Histology of skeletal muscle | Dr. Serap Şirvancı |
| 11:00-11:50 | Histology of skeletal muscle | Dr. Serap Şirvancı |
|  |  |  |
| 13:00-13:50 | Free study time |  |
| 14:00-14:50 | Introduction to statics of the body | Dr. Pınar Mega Tiber |
| 15:00-15:50 | Introduction to statics of the body | Dr. Pınar Mega Tiber |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Friday** | **26 February** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Development of the musculoskeletal system | Dr. Feriha Ercan |
| 11:00-11:50 | Development of the musculoskeletal system | Dr. Feriha Ercan |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 | Neuromuscular transmission | Dr. Hızır Kurtel |
| 16:00-16:50 | Neuromuscular transmission | Dr. Hızır Kurtel |
| 17:00-17:50 |  |  |
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| **Week-3 (01 March - 05 March 2021)** |
| **Monday** | **01 March** |   |
| 09:00-09:50 | Arts and Humanities-1 | Dr. Mehmet Akman |
| 10:00-10:50 | Arts and Humanities-1 | Dr. Mehmet Akman |
| 11:00-11:50 | Arts and Humanities-1 | Dr. Mehmet Akman |
|  |  |  |
| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **02 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | The anterior aspect of the arm: pectoral region and the shoulder joint, mammary glands | Dr. Necmettin Ömer Özdoğmuş |
| 11:00-11:50 | The anterior aspect of the arm: pectoral region and the shoulder joint, mammary glands | Dr. Necmettin Ömer Özdoğmuş |
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| 13:00-13:50 | Biophysics of muscle contraction | Dr. Günseli Ayşe Garip İnhan |
| 14:00-14:50 | EMG | Dr. Günseli Ayşe Garip İnhan |
| 15:00-15:50 | Anterior aspect of forearm and cubital fossa | Dr. Ural Verimli |
| 16:00-16:50 | Anterior aspect of forearm and cubital fossa | Dr. Ural Verimli |
| 17:00-17:50 |  |  |
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| **Wednesday** | **03 March** |  |
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| 09:00-09:50 |  |  |
| 10:00-10:50 | Muscle physiology in exercise | Dr. Özgür Kasımay Çakır |
| 11:00-11:50 | Muscle physiology in exercise | Dr. Özgür Kasımay Çakır |
|  |  |  |
| 13:00-13:50 | Posterior aspect of the forearm and the elbow joint | Dr. Ural Verimli |
| 14:00-14:50 | Posterior aspect of the forearm and the elbow joint | Dr. Ural Verimli |
| 15:00-15:50 | Equilibrium of the body | Dr. Pınar Mega Tiber |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Thursday** | **04 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Biochemistry of muscle contraction | Dr. Ahmet Suha Yalçın |
| 11:00-11:50 | Biochemistry of muscle contraction | Dr. Ahmet Suha Yalçın |
|  |  |  |
| 13:00-13:50 | Ethics-2  | Dr. Gürkan Sert |
| 14:00-14:50 | Ethics-2  | Dr. Gürkan Sert |
| 15:00-15:50 | Ethics-2  | Dr. Gürkan Sert |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Friday** | **05 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Hand and wrist joint | Dr. Necmettin Ömer Özdoğmuş |
| 11:00-11:50 | Hand and wrist joint | Dr. Necmettin Ömer Özdoğmuş |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Week-4 (08 March - 12 March 2021)** |
| **Monday** | **08 March** |  |
| 09:00-09:50 | Arts and Humanities-2 | Dr. Mehmet Akman |
| 10:00-10:50 | Arts and Humanities-2 | Dr. Mehmet Akman |
| 11:00-11:50 | Arts and Humanities-2 | Dr. Mehmet Akman |
|  |  |  |
| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **09 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Mycobacterial and bacterial infections of skin, soft tissue and muscle including anthrax | Dr. Zeynep Arzu İlki |
| 11:00-11:50 | Mycobacterial and bacterial infections of skin, soft tissue and muscle including anthrax | Dr. Zeynep Arzu İlki |
|  |  |  |
| 13:00-13:50 | Histology and development of integumentary system | Dr. Şule Çetinel |
| 14:00-14:50 | Histology and development of integumentary system | Dr. Şule Çetinel |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Wednesday** | **10 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Neoplastic and non-neoplastic skin lesions | Dr. Zeliha Leyla Cinel |
| 11:00-11:50 | Neoplastic and non-neoplastic skin lesions | Dr. Zeliha Leyla Cinel |
|  |  |  |
| 13:00-13:50 |  |  |
| 14:00-14:50 | PBL-1 |  |
| 15:00-15:50 | PBL-1 |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Thursday** | **11 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Soft tissue tumors | Dr. Hüseyin Kemal Türköz |
| 11:00-11:50 | Soft tissue tumors | Dr. Hüseyin Kemal Türköz |
|  |  |  |
| 13:00-13:50 | Radiology of musculoskeletal system | Dr. Onur Buğdaycı |
| 14:00-14:50 | Radiology of musculoskeletal system | Dr. Onur Buğdaycı |
| 15:00-15:50 | Fungal infections of cutaneous and subcutaneous tissues | Dr. Nilgün Çerikçioğlu |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Friday** | **12 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Viral infections of cutaneous and subcutaneous tissues | Dr. Zeynep Arzu İlki |
| 11:00-11:50 | Viral infections of cutaneous and subcutaneous tissues | Dr. Zeynep Arzu İlki |
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| 13:00-13:50 |  |  |
| 14:00-14:50 | PBL STUDY TIME |  |
| 15:00-15:50 | PBL-2 |  |
| 16:00-16:50 | PBL-2 |  |
| 17:00-17:50 |  |  |
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| **Week-5 (15 March - 19 March 2021)** |
| **Monday** | **15 March** |  |
| 09:00-09:50 | Arts and Humanities-3 | Dr. Mehmet Akman |
| 10:00-10:50 | Arts and Humanities-3 | Dr. Mehmet Akman |
| 11:00-11:50 | Arts and Humanities-3 | Dr. Mehmet Akman |
|  |  |  |
| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **16 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Lower extremity bones | Dr. Necmettin Ömer Özdoğmuş |
| 11:00-11:50 | Lower extremity bones | Dr. Necmettin Ömer Özdoğmuş |
|  |  |  |
| 13:00-13:50 | Bioenergetics of muscle contraction | Dr. Hülya Cabadak |
| 14:00-14:50 | Gluteal region and hip region; hip joint | Dr. Ural Verimli |
| 15:00-15:50 | Gluteal region and hip region; hip joint | Dr. Ural Verimli |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
|  |  |  |
| **Wednesday** | **17 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Posterior abdominal wall, lumbar and sacral plexus | Dr. Necmettin Ömer Özdoğmuş |
| 11:00-11:50 | Posterior abdominal wall, lumbar and sacral plexus | Dr. Necmettin Ömer Özdoğmuş |
|  |  |  |
| 13:00-13:50 | PBL STUDY TIME |  |
| 14:00-14:50 | PBL-3 |  |
| 15:00-15:50 | PBL-3 |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Thursday** | **18 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Anterior and medial aspect of thigh | Dr. Necmettin Ömer Özdoğmuş |
| 11:00-11:50 | Anterior and medial aspect of thigh | Dr. Necmettin Ömer Özdoğmuş |
|  |  |  |
| 13:00-13:50 | Posterior aspect of thigh and knee joint | Dr. Ümit Süleyman Şehirli |
| 14:00-14:50 | Posterior aspect of thigh and knee joint | Dr. Ümit Süleyman Şehirli |
| 15:00-15:50 | Injury prevention | Dr. Ahmet Topuzoğlu |
| 16:00-16:50 | Sports injuries (upper extremity) | Dr. Murat Bezer |
| 17:00-17:50 |  |  |
|  |  |  |
| **Friday** | **19 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
|  |  |  |
| 13:00-13:50 |  |  |
| 14:00-14:50 | PBL STUDY TIME |  |
| 15:00-15:50 | PBL-4 |  |
| 16:00-16:50 | PBL-4 |  |
| 17:00-17:50 |  |  |
|  |  |  |
| **Week-6 (22 March – 26 March 2021)** |
| **Monday** | **22 March** |  |
| 09:00-09:50 | ICP: Hx-Phx Sensitive issues / Medical note taking for Marmara | Dr. Serap Çifçili, Dr. Pemra Ünalan |
| 10:00-10:50 | ICP: Hx-Phx Sensitive issues / Medical note taking for Marmara | Dr. Serap Çifçili, Dr. Pemra Ünalan |
| 11:00-11:50 | ICP: Hx-Phx Sensitive issues / Medical note taking for Marmara | Dr. Serap Çifçili, Dr. Pemra Ünalan |
|  |  |  |
| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **23 March** |  |
| 09:00-09:50 | Posterior leg and popliteal fossa | Dr. Ümit Süleyman Şehirli |
| 10:00-10:50 | Anterior and lateral leg and ankle joint | Dr. Ümit Süleyman Şehirli |
| 11:00-11:50 | Anterior and lateral leg and ankle joint | Dr. Ümit Süleyman Şehirli |
|  |  |  |
| 13:00-13:50 | Foot | Dr. Ural Verimli |
| 14:00-14:50 | Foot | Dr. Ural Verimli |
| 15:00-15:50 | Pathology of arthritis | Dr. Hüseyin Kemal Türköz |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Wednesday** | **24 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
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| 13:00-13:50 | Superficial structures of the face | Dr. Necmettin Ömer Özdoğmuş |
| 14:00-14:50 | Superficial structures of the face | Dr. Necmettin Ömer Özdoğmuş |
| 15:00-15:50 | Osteoarthritis | Dr. İlker Yağcı |
| 16:00-16:50 | Soft tissue pain | Dr. Canan Şanal Toprak |
| 17:00-17:50 |  |  |
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| **Thursday** | **25 March** |  |
| 09:00-09:50 | Osteomyelitis and septic arthtitis | Dr. Evrim Şirin |
| 10:00-10:50 | Musculoskeletal tumors (general principles) | Dr. Bülent Erol |
| 11:00-11:50 | Pediatric lower extremity deformities | Dr. Bülent Erol |
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| 13:00-13:50 | Approach to patient with arthritis | Dr. Rafi Haner Direskeneli |
| 14:00-14:50 | Approach to patient with arthritis | Dr. Rafi Haner Direskeneli |
| 15:00-15:50 | Suboccipital region and deep muscles of the back | Dr. Necmettin Ömer Özdoğmuş |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Friday** | **26 March** |  |
| 09:00-09:50 | Sports injuries (lower extremity) | Dr. Evrim Şirin |
| 10:00-10:50 | Anterior and lateral neck | Dr. Ümit Süleyman Şehirli |
| 11:00-11:50 | Anterior and lateral neck | Dr. Ümit Süleyman Şehirli |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Week-7 (29 March - 02 April 2021)** |
| **Monday** | **29 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
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| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **30 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Development of head and neck (pharyngeal apparatus) | Dr. Serap Şirvancı |
| 11:00-11:50 | Development of head and neck (pharyngeal apparatus) | Dr. Serap Şirvancı |
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| 13:00-13:50 | The root of the neck | Dr. Ümit Süleyman Şehirli |
| 14:00-14:50 | Infratemporal and pterygopalatine fossa | Dr. Ümit Süleyman Şehirli |
| 15:00-15:50 | Infratemporal and pterygopalatine fossa | Dr. Ümit Süleyman Şehirli |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Wednesday** | **31 March** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Assessment of musculoskeletal system in children | Dr. N. Evrim Karadağ Saygı |
| 11:00-11:50 | Pain: definition, classification and evaluation | Dr. Osman Hakan Gündüz |
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| 13:00-13:50 | Prevention of disability in the elderly people | Dr. Nimet Emel Lüleci |
| 14:00-14:50 | Prevention of disability in the elderly people | Dr. Nimet Emel Lüleci |
| 15:00-15:50 | Low back pain | Dr. Osman Hakan Gündüz |
| 16:00-16:50 | Osteoporosis | Dr. Gülseren Akyüz |
| 17:00-17:50 |  |  |
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| **Thursday** | **01 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Rheumatoid arthritis | Dr. Mehmet Tuncay Duruöz |
| 11:00-11:50 |  |  |
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| 13:00-13:50 | Pharmacotherapy of arthritis and gout arthritis | Dr. Rezzan Gülhan |
| 14:00-14:50 | Pharmacotherapy of arthritis and gout arthritis | Dr. Rezzan Gülhan |
| 15:00-15:50 | Prophylaxis and pharmacotherapy of osteoporosis  | Dr. Rezzan Gülhan |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Friday** | **02 April** |  |
| 09:00-09:50 | Rational pharmacotherapy in elderly | Dr. Medine Gülçebi İdriz Oğlu |
| 10:00-10:50 | Public health consequences of disasters | Dr. Nimet Emel Lüleci |
| 11:00-11:50 | Molecular pathogenesis of musculoskeletal disorders | Dr. Ahmet Arman |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 | Control of musculoskeletal disorders | Dr. Ahmet Topuzoğlu |
| 16:00-16:50 | Prevention of work - related musculoskeletal disorders | Dr. Ahmet Topuzoğlu |
| 17:00-17:50 |  |  |
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| **Week-8 (05 April - 09 April 2021)** |
| **Monday** | **05 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
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| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **06 April** |  |
| 09:00-09:50 | Spondyloarthropathies | Dr. Mehmet Pamir Atagündüz |
| 10:00-10:50 | Anatomy LAB: Upper extremity bones | Anatomy Lab. |
| 11:00-11:50 | Anatomy LAB: Brachial plexus and axillary region | Anatomy Lab. |
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| 13:00-13:50 | Anatomy LAB: Superficial back and posterior aspect of shoulder and arm | Anatomy Lab. |
| 14:00-14:50 | Histology LAB: Cartilage, bone and skeletal muscle | Dr. Serap Şirvancı |
| 15:00-15:50 | Child safety | Dr. Ahmet Topuzoğlu |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Wednesday** | **07 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Anatomy LAB: The anterior aspect of the arm: pectoral region and the shoulder joint, mammary glands | Anatomy Lab. |
| 11:00-11:50 | Anatomy LAB:Anterior aspect of forearm and cubital fossa | Anatomy Lab. |
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| 13:00-13:50 | Physical principles of X- ray radiography | Dr. Pınar Mega Tiber |
| 14:00-14:50 | Physical principles of X- ray radiography | Dr. Pınar Mega Tiber |
| 15:00-15:50 | Physiology LAB: Aerobic exercise | Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım |
| 16:00-16:50 | Physiology LAB: EMG | Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım |
| 17:00-17:50 |  |  |
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| **Thursday** | **08 April** |  |
| 09:00-09:50 | Parasitic infections of skin | Dr. Zeynep Arzu İlki |
| 10:00-10:50 | Anatomy LAB: Posterior aspect of forearm and the elbow joint | Anatomy Lab. |
| 11:00-11:50 | Anatomy LAB: Hand and wrist joint  | Anatomy Lab. |
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| 13:00-13:50 | Histology LAB: Integumentary System | Dr. Şule Çetinel |
| 14:00-14:50 |  |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Friday** | **09 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Anatomy LAB: Lower extremity bones | Anatomy Lab. |
| 11:00-11:50 | Anatomy LAB: Posterior abdominal wall, lumbar and sacral plexus | Anatomy Lab. |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Week-9 (12 April - 16 April 2021)** |
| **Monday** | **12 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
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| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
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| **Tuesday** | **13 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Microbiology LAB: Laboratory diagnosis of skin infections | Dr. Zeynep Arzu İlki |
| 11:00-11:50 | Microbiology LAB: Laboratory diagnosis of skin infections | Dr. Zeynep Arzu İlki |
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| 13:00-13:50 | Anatomy LAB:Gluteal region and hip region; hip joint | Anatomy Lab. |
| 14:00-14:50 | Anatomy LAB: Anterior and medial aspect of thigh  | Anatomy Lab. |
| 15:00-15:50 | Anatomy LAB: Posterior aspect of thigh and knee joint | Anatomy Lab. |
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| **Wednesday** | **14 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Anatomy LAB: Posterior leg and popliteal fossa | Anatomy Lab. |
| 11:00-11:50 | Pathology LAB: Pathology of musculoskeletal system | Dr. Hüseyin Kemal Türköz |
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| 13:00-13:50 | Anatomy LAB: Anterior and lateral leg and ankle joint | Anatomy Lab. |
| 14:00-14:50 | Anatomy LAB: Foot | Anatomy Lab. |
| 15:00-15:50 |  |  |
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| **Thursday** | **15 April** |  |
| 09:00-09:50 | A patient with multiple bruises and pain (Case discussion) | Dr. Gülru Pemra Ünalan |
| 10:00-10:50 | Anatomy LAB: Superficial structures of the face  | Anatomy Lab. |
| 11:00-11:50 | Anatomy LAB:Suboccipital region and deep muscles of the back  | Anatomy Lab. |
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| 13:00-13:50 | Anatomy LAB: Anterior and lateral neck  | Anatomy Lab. |
| 14:00-14:50 | Anatomy LAB: The root of the neck  | Anatomy Lab. |
| 15:00-15:50 | Anatomy LAB: Infratemporal and pterygopalatine fossa  | Anatomy Lab. |
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| **Friday** | **16 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Spondyloarthropathies | Dr. Mehmet Tuncay Duruöz |
| 11:00-11:50 |  |  |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 |  |  |
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| **Week-10 (19 April - 23 April 2021)** |
| **Monday** | **19 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
|  |  |  |
| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
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| **Tuesday** | **20 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 |  |  |
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| **Wednesday** | **21 April** |  |
| 09:00-09:50 |  |  |
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| 11:00-11:50 |  |  |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 |  |  |
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| **Thursday** | **22 April** |  |
| 09:00-09:50 | **Y2C4 THEORETICAL EXAM** |  |
| 10:00-10:50 |  |
| 11:00-11:50 |  |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 |  |  |
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| **Friday** | **23 April** |  |
| 09:00-09:50 | **ULUSAL EGEMENLİK VE ÇOCUK BAYRAMI** |   |
| 10:00-10:50 |   |
| 11:00-11:50 |  |
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| 13:00-13:50 |  |
| 14:00-14:50 |  |
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