

GAZİ UNIVERSITY FACULTY OF MEDICINE
2023-2024 ACADEMIC YEAR ENGLISH MEDICINE PROGRAMME
DEPARTMENT OF ORTHOPEDİCS AND TRAUMATOLOGY

YEAR IV, COURSE CURRICULUM

Course Start-End Time	Course Name (Application Method, Hour) (Theoretical, Applied Course-Practical, Laboratory)	Lecturer
1st Week-1st day		
8.30-8.45	Introduction to course and information hour	Dr. Öğr. Üyesi Alimcan Baymurat
8.45-9.20	Overview of fracture and dislocation (Theoretical, 1 hour)	Prof. Dr. Ertuğrul Şener
9.30-10.20	Principles of fracture treatment (Theoretical, 1 hour)	Prof. Dr. Ertuğrul Şener
10.30-11.20	Bone Healing (Theoretical, 1 hour)	Prof. Dr. Ertuğrul Şener
11.30-12.20	Fracture Complications (Theoretical, 1 hour)	Prof. Dr. Ertuğrul Şener
13.30-15.20	Basic direct radiography evaluation methods and evaluation of fractures and dislocations on radiographs of trauma patients (Practical, 2 hours)	Prof. Dr. Ertuğrul Şener
15.30-17.20	Basic principles of casting and splinting, properties of cast materials (Practical, 2 hours)	Prof. Dr. Ertuğrul Şener
1st Week-2nd day		
8.30-10.20	Shoulder functional anatomy and shoulder diseases (Panel, 2 hours)	Prof. Dr. Ulunay Kanatlı Prof. Dr. Meltem Bahçelioğlu (Anatomy)
10.30-11.20	Injuries around Shoulder (Theoretical, 1 hour)	Prof. Dr. Ulunay Kanatlı
11.30-12.20	Foot Disorders (Theoretical, 1 hour)	Prof. Dr. Ulunay Kanatlı
13.30-15.20	Shoulder anatomy, shoulder joint movements, special tests for shoulder diseases (Practical, 2 hours)	Prof. Dr. Ulunay Kanatlı
15.30-17.20	Velpeau bandage - basic arm hanger application indications and demonstration of techniques (Practical, 2 hours)	Prof. Dr. Ulunay Kanatlı
1st Week-3rd day		
8.30-9.20	Fractures Around Knee (Theoretical, 1 hour)	Prof. Dr. Hamza Özer
9.30-10.20	Knee Pain (Theoretical, 1 hour)	Prof. Dr. Hamza Özer
10.30-11.20	Sport Injuries (Theoretical, 1 hour)	Prof. Dr. Hamza Özer
11.30-12.20	Soft Tissue Injuries of Knee Joint (Theoretical, 1 hour)	Prof. Dr. Hamza Özer
13.30-15.20	Knee anatomy, evaluation of knee movements, tests specific to knee diseases (Practical, 2 hours)	Prof. Dr. Hamza Özer

15.30-17.20	Taking medical history from patients who applied to the outpatient clinic, performing orthopedic examination techniques (Practical, 2 hours)	Prof. Dr. Hamza Özer Dr. Öğr. Üyesi Mehmet Ali Tokgöz
1st Week-4th day		
8.30-9.20	Spinal Deformities (Theoretical, 1 hour)	Prof. Dr. Alpaslan Şenköylü
9.30-10.20	Spine Disorders (Theoretical, 1 hour)	Prof. Dr. Alpaslan Şenköylü
10.30-11.20	Spine Injuries (Theoretical, 1 hour)	Prof. Dr. Alpaslan Şenköylü
11.30-12.20	Torticollis (Theoretical, 1 hour)	Prof. Dr. Alpaslan Şenköylü
13.30-15.20	Spine anatomy, Posture evaluation, evaluation of spinal joint movements, special tests for the spine (Practical, 2 hours)	Prof. Dr. Alpaslan Şenköylü
15.30-17.20	Examination of radiological images of patients who were evaluated and treated for spinal disorders (Practical 2 hours)	Prof. Dr. Alpaslan Şenköylü Dr. Öğr. Üyesi Alimcan Baymurat
1st Week-5th day		
8.30-9.20	Handling of Orthopedic Patient (Theoretical, 1 hour)	Prof. Dr. Hakan Yusuf Selek
9.30-11.20	Orthopedic diagnosis and physical examination techniques (Theoretical, 2 hour)	Prof. Dr. Hakan Yusuf Selek
11.30-12.20	Orthopedics Radiology (Theoretical, 1 hour)	Prof. Dr. Hakan Yusuf Selek
13.30-15.20	General approach, anamnesis and history taking skills and detailing of patients who apply to the outpatient clinic with musculoskeletal pain (Practical, 2 hours)	Prof. Dr. Hakan Yusuf Selek
15.30-17.20	Basic approach in orthopedic examination methods, evaluation of joint range of motion, examination of painful extremity (Practice, 2 hours)	Prof. Dr. Hakan Yusuf Selek

2nd Week-1st day		
8.30-9.20	Disorders of Hand and Wrist (Theoretical, 1 hour)	Prof. Dr. Akif Muhtar Öztürk
9.30-10.20	Brachial Plexus Injuries (Theoretical, 1 hour)	Prof. Dr. Akif Muhtar Öztürk
10.30-11.20	Wrist Fractures (Theoretical, 1 hour)	Prof. Dr. Akif Muhtar Öztürk
11.30-12.20	Hand Injuries (Theoretical, 1 hour)	Prof. Dr. Akif Muhtar Öztürk
13.30-15.20	Wrist and elbow anatomy, evaluation of hand and elbow movements, special tests for hand and elbow diseases (Practical, 2 hours)	Prof. Dr. Akif Muhtar Öztürk
15.30-17.20	Elastic bandage application indications, performing elastic bandage to the extremity (Practical, 2 hours)	Prof. Dr. Akif Muhtar Öztürk
2nd Week-2nd day		
8.30-9.20	Pediatric Fractures (Theoretical, 1 hour)	Prof. Dr. Hakan Atalar
9.30-10.20	Cerebral Palsy and poliomyelitis (Theoretical, 1 hour)	Prof. Dr. Hakan Atalar
10.30-12.20	Developmental Hip Dysplasia (Theoretical, 2 hour)	Prof. Dr. Hakan Atalar
13.30-15.20	Examination of ultrasound and direct radiographs of developmental hip dysplasia patients, demonstration of special measurement techniques (Practical, 2 hours)	Prof. Dr. Hakan Atalar
15.30-17.20	Pre-operative and post-operative management of orthopedic patients, orthopedic wound dressing, post-surgical mobilization (Practical, 2 hours)	Prof. Dr. Hakan Atalar Prof. Dr. Ali Turgay Çavuşoğlu
2nd Week-3rd day		
8.30-9.20	Pesequiovarus (Theoretical, 1 hour)	Prof. Dr. Erdinç Esen
9.30-11.20	Osteoarthritis and Romotoid Arthritis (Theoretical, 2 hour)	Prof. Dr. Erdinç Esen
11.30-12.20	Femoral Slipped Capital Epiphysis (Theoretical, 1 hour)	Prof. Dr. Erdinç Esen
13.30-15.20	Examination of radiological images of patients who were examined and treated for joint diseases (Practical, 2 hours)	Prof. Dr. Erdinç Esen
15.30-17.20	Wound evaluation in open fracture, emergency approach to open fracture (Practical, 2 hours)	Prof. Dr. Erdinç Esen Dr. Öğr. Üyesi Mehmet Ali Tokgöz
2nd Week-4th day		
8.30-9.20	Femur and Tibia Fractures (Theoretical, 1 hour)	Prof. Dr. Ali Turgay Çavuşoğlu
9.30-11.20	Humerus, Elbow and Forearm Fractures (Theoretical, 2 hour)	Prof. Dr. Ali Turgay Çavuşoğlu
11.30-12.20	Foot and Ankle Injuries and Fractures (Theoretical, 1 hour)	Prof. Dr. Ali Turgay Çavuşoğlu
13.30-15.20	Ankle anatomy, evaluation of ankle movements, special tests for ankle diseases (Practice, 2 hours)	Prof. Dr. Ali Turgay Çavuşoğlu
15.30-17.20	Literature review (Self-study hour, 2 hours)	Prof. Dr. Ali Turgay Çavuşoğlu
2nd Week-5th day		

8.30-10.20	Soft Tissue Tumors of Locomotor System (Theoretical, 2 hour)	Prof. Dr. Ş. Murat Arıkan
10.30-12.20	Bone Tumors (Theoretical, 2 hour)	Prof. Dr. Ş. Murat Arıkan
13.30-15.20	Clinical and radiological approach to musculoskeletal tumors (Practical, 2 hours)	Prof. Dr. Ş. Murat Arıkan
15.30-17.20	Observing surgical procedures performed with open and arthroscopic interventions, discussing surgical indications (Practical, 2 hours)	Prof. Dr. Ş. Murat Arıkan Dr. Öğr. Üyesi Alimcan Baymurat

3rd Week-1st day		
8.30-9.20	Hip Pain (Theoretical, 1 hour)	Doç. Dr. M. Baybars Ataoğlu
9.30-10.20	Proximal Femoral Fractures (Theoretical, 1 hour)	Doç. Dr. M. Baybars Ataoğlu
10.30-11.20	Childhood Lower Extremity Misalignment (Theoretical, 1 hour)	Doç. Dr. M. Baybars Ataoğlu
11.30-12.20	Osteoporosis (Theoretical, 1 hour)	Doç. Dr. M. Baybars Ataoğlu
13.30-15.20	Hip anatomy, evaluation of hip movements, tests specific to hip diseases (Practical, 2 hours)	Doç. Dr. M. Baybars Ataoğlu
15.30-17.20	Interactive discussion of orthopedic cases with systematically listed anamnesis, physical examination and imaging (Practical, 2 hours)	Doç. Dr. M. Baybars Ataoğlu Dr. Öğr. Üyesi Mehmet Ali Tokgöz
3rd Week-2nd day		
8.30-9.20	Nerve Entrapment	Dr. Öğr. Üyesi Alimcan Baymurat
9.30-10.20	Congenital Extremity Malformations	Dr. Öğr. Üyesi Alimcan Baymurat
10.30-11.20	Perthes Disease	Dr. Öğr. Üyesi Alimcan Baymurat
11.30-12.20	Outpatient clinic observation (Practical, 1 hour)	Dr. Öğr. Üyesi Alimcan Baymurat
13.30-15.20	Learning the use of online assistive applications in orthopedic practice (Self-study hours, 2 hours)	Dr. Öğr. Üyesi Alimcan Baymurat
15.30-17.20	Learning online orthopedic information renewal systems (Self-study hours, 2 hours)	Dr. Öğr. Üyesi Alimcan Baymurat
3rd Week-3rd day		
8.30-10.20	Pelvic Fractures	Dr. Öğr. Üyesi Alimcan Baymurat
10.30-11.20	Traumatic Hip Dislocations	Dr. Öğr. Üyesi Alimcan Baymurat
11.30-12.20	Outpatient clinic observation (Practical, 1 hour)	Dr. Öğr. Üyesi Alimcan Baymurat
13.30-15.20	Intervention of the trauma patient at the crime scene and in the emergency room, emergency intervention for extremity injuries (Practical, 2 hours)	Dr. Öğr. Üyesi Alimcan Baymurat
15.30-17.20	Short arm-leg splint application indications, performing short arm-leg splint (Practice, 2 hours)	Dr. Öğr. Üyesi Alimcan Baymurat
3rd Week-4th day		

8.30-11.20	Osteomyelitis, Septic Arthritis and Open Fractures	Dr. Öğr. Üyesi Mehmet Ali Tokgöz
11.30-12.20	Orthopedic Implants and implant related infections (Panel, 1 hour)	Prof. Dr. Gülendäm Bozdayı (Microbiology) Dr. Öğr. Üyesi Mehmet Ali Tokgöz
13.30-15.20	Taking medical history, physical examination, closed reduction, and accompanying splint applications from patients admitted to the emergency department (Practical, 2 hours)	Prof. Dr. Hakan Atalar Dr. Öğr. Üyesi Mehmet Ali Tokgöz
15.30-17.20	Literature review (Self-study hour, 2 hours)	Dr. Öğr. Üyesi Mehmet Ali Tokgöz
3rd Week-5th day		
8.30-8.45	Evaluation and feedback	Dr. Öğr. Üyesi Mehmet Ali Tokgöz
8.45-10.20	Practical Examination	All Faculty
10.30-12.20	Oral Examination	All Faculty
13.30-14.20	Written Examination	All Faculty
14.30-16.20	Discussion of exam questions	All Faculty
EXAM		
EXAM METHOD	Practical Test (Multiple Choice) Oral Examination	