

COURSE CONTENT

University: Muğla Sıtkı Koçman University

Faculty: Medicine/ **Program:** English Program

Academic Year: 2024-2025

Phase: 5/ **Course:** Orthopedics and Traumatology

Course Code: MED 5018 / **ECTS:** 5 / **T+U+L:** Theoretical + Practical

Course Type : Compulsory/ **Course Length :** 3 weeks/ **Type of Instruction :** Formal/ **Language of Instruction :** English

Theoretical:

1. Approach to Patients with Multiple Trauma (2hour)
2. Benign Musculoskeletal Tumors (2hour)
3. Cartilage Injuries & Disorders (2hour)
4. Common Orthopaedic Problems in Athletes (2hour)
5. Compartment Syndrome (2hour)
6. Complications of Fractures (2hour)
7. Congenital Orthopaedic Disorders (2hour)
8. Degenerative Joint Diseases (2hour)
9. Developmental Dysplasia of Hip (2hour)
10. Dislocations (2hour)
11. Disorders of Foot and Ankle (2hour)
12. Disorders of Spine (2hour)
13. Disorders of Upper Extremity and Hand (2hour)
14. Examination of Lower Extremity and Spine (2hour)
15. Examination of Upper Extremity (2hour)
16. Fracture Healing (2hour)
17. Fractures of Hand and Wrist (2hour)
18. Fractures of Hip and Femur (2hour)
19. Fractures of Knee, Tibia and Ankle (2hour)
20. Fractures of Shoulder, Elbow and Forearm (2hour)
21. Fractures of Spine and Pelvis (2hour)
22. Hand Injuries (2hour)
23. Introduction to Fractures (2hour)
24. Introduction to Musculoskeletal Tumors (2hour)
25. Malignant Musculoskeletal Tumors (2hour)
26. Metabolic Bone Disorders (2hour)
27. Musculoskeletal Infectious Diseases (2hour)
28. Open Fractures (2hour)
29. Orthopedic Terminology and Concepts (2hour)
30. Osteochondrosis (2hour)
31. Osteonecrosis (2hour)
32. Osteoporotic and Pathological Fractures (2hour)
33. Pediatric Disorders of Hip (2hour)
34. Pediatric Fractures (2hour)
35. Spinal Infections (2hour)
36. Traumatic Soft Tissue Disorders (2hour)

Practical:

1. Clinical Visit - Case-based Discussion (47hour)
2. Course Introduction-Information Meeting and Forming Groups (A-B-C) (2hour)
3. Group A - Review Article Presentation (2hour)
4. Group A 1. Out. Clin. / Group B 2. Out. Clin. / C Group Operating Room (12hour)

5. Group A 2. Out. Clin. / Group B Operating Room / Group C 1. Out. Clin. (8hour)
6. Group A Operating Room / Group B 1. Out. Clin. / Group C 2. Out. Clin. (7hour)
7. Group B - Review Article Presentation (2hour)
8. Group C - Review Article Presentation (2hour)
9. Imaging in Orthopedic Trauma (2hour)
10. Imaging in Sports Injuries (2hour)
11. Orthopedic Approach in Emergency Department (6hour)
12. Orthopedic Braces (2hour)
13. Orthopedic Implants (2hour)
14. Plaster and Splint Applications in Orthopedics (2hour)
15. Practice of Gait Analysis in Children (2hour)
16. Practice of Hip Examination in Children (2hour)
17. Practice of Ligament Examination (2hour)
18. Practice of Lower Extremity Examination (2hour)
19. Practice of Meniscus Examination (2hour)
20. Practice of Pavlik Harness Application (2hour)
21. Practice of Skeletal Traction Application (2hour)
22. Practice of Spinal Examination (2hour)
23. Practice of Upper Extremity Examination (2hour)
24. Structured freelance hour (8h)
25. Wound Care and Dressing in Orthopedics (2hour)

Others:

1. Academic Consulting Hour (12hour)
2. Course Evaluation Meeting (2hour)
3. ELECTIVE COURSE (24hour)
4. Evaluation of Course Exam Questions (2hour)
5. Structured Oral Exam (2hour)
6. Topic of the Lecture (5hour)