

COURSE CONTENT

University: Muğla Sıtkı Koçman University

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

Academic Year: 2024-2025

Phase: 5/ **Course:** Anesthesiology and Reanimation

Course Code: MED 5027 / **ECTS:** 3 / **T+U+L:** Theoretical + Practical

Course Type : Compulsory/ **Course Length :** 2 weeks/ **Type of Instruction :** Formal/ **Language of Instruction :** English

Theoretical:

1. Acute Respiratory Failure, Oxygen Therapy (2hour)
2. Airway Providing Methods, Endotracheal Intubation (2hour)
3. Analgesics (2hour)
4. Anesthesia Device (1hour)
5. Approach to Head Trauma Patient (1hour)
6. Approach to Trauma Patient (2hour)
7. Basic Modes in Mechanical Ventilation (1hour)
8. Brain Death and Donor Care (1hour)
9. Cancer Pain (1hour)
10. Cardiopulmonary Resuscitation (1hour)
11. Complications of Blood Transfusion, Massive Transfusion (1hour)
12. Course Evaluation Meeting (2hour)
13. Course IntroductionInformation Meeting (1hour)
14. Crush Syndrome (2hour)
15. Evaluation of Course Exam Questions (2hour)
16. Fluid Electrolyte Balance and Replacement (2hour)
17. Inhalation Anesthetics (3hour)
18. Interventional Methods in Pain Treatment (1hour)
19. Intravenous Anesthetics (1hour)
20. Local Anesthetics (1hour)
21. Malignant Hyperthermia (1hour)
22. Monitorization, Intraoperative Patient Monitoring (2hour)
23. Muscle Relaxants (2hour)
24. Nutrition in Intensive Care Unit (1hour)
25. Pain Physiopathology (2hour)
26. Preoperative Evaluation and Principles of General Anesthesia (1hour)
27. Regional Anesthesia (2hour)
28. Resuscitation in Special Cases (1hour)
29. Sepsis (2hour)
30. Spring Semester Education Term Evaluation Meeting(1hour)

Practical:

1. Academic Counseling Hour (1hour)
2. Airway management and oropharyngeal airway placement (4hour)
3. Capable of giving oxygen therapy (4hour)
4. Central catheterization monitoring (2hour)
5. CPR Practice (Professional skills lab) (8h)
6. Establishing vascular Access (4hour)
7. Examination of a patient with pain (2hour)
8. Introduction of anesthesia device (4hour)
9. Intubation practice (4hour)
10. Monitoring neuraxial (1hour)

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| <ol style="list-style-type: none">11. Monitoring neuraxial block applications (3hour)12. Nasogastric catheter application (2hour)13. Patient monitoring (ECG, pulse oximeter, blood pressure) (4hour)14. Patient presentation and examination in intensive care (4hour)15. Patient ventilation with mask (4hour)16. Preoperative patient examination and information (4hour)17. Structured Free Study Hour - Self Study in the Library (4hour)18. Taking history from a patient with pain (3hour)19. I status and vital signs) (1hour)20. Visit of the intensive care unit (evaluation of general status and vital signs)(1hour) |
| Others: <ol style="list-style-type: none">1. Academic Counseling Hour (5hour)2. block applications(1hour) |