

COURSE CONTENT

University: Muğla Sıtkı Koçman University

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

Academic Year: 2021-2022

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

Practical:

1. Advisory hour (4hour)
2. Airway management and oropharyngeal airway placement (4hour)
3. Capable of giving oxygen therapy (2hour)
4. Central catheterization monitoring (2hour)
5. CPR Practice (4hour)
6. Establishing vascular Access (3hour)
7. Examination of a patient with pain (2hour)
8. Introduction of anesthesia device (2hour)
9. Intubation practice (6h)
10. Monitoring neuraxial block applications (2hour)
11. Nasogastric catheter application (1hour)
12. Patient monitoring (ECG, pulse oximeter, blood pressure) (2hour)
13. Patient presentation and examination in intensive (1hour)

14. Patient presentation and examination in intensive care (2hour)
15. Patient ventilation with mask (2hour)
16. Preoperative patient examination and information (2hour)
17. Supporting mechanical ventilation in pulmonary failure (2hour)
18. Taking history from a patient with pain (2hour)
19. Visit of the intensive care unit (evaluation of general status and vital signs) (3hour)

Others:

1. Nasogastric catheter application (1hour)