



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Special Anesthetic Techniques and Methods I							
Course Code		AN200		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	53 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aim of this course is to gain knowledge and skills about anesthesia application methods in various situations in the operating room.							
Course Content		Practical evaluation of the preoperative patient in terms of anesthesia technician: Anamnesis, airway risk assessment, ECG, hemogram and bleeding parameters information, biochemistry information, anesthesia risk scores, practice of risk scores according to diseases, interrogation in the preoperative waiting room and simulation of taking them to the operation room, ASA 1-5 patient anesthesia induction simulation, anesthesia maintenance simulation, anesthesia recovery simulation.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Prof. Kamil Varlık EREL							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	Temel Anestezi: Editör; Prof. Dr. Yüksel KEÇİK, Güneş Kitapevi, 2012
---	--

Week	Weekly Detailed Course Contents	
1	Theoretical	Practical evaluation of the preoperative patient in terms of anesthesia technician: Anamnesis
2	Theoretical	Practical evaluation of the preoperative patient in terms of anesthesia technician: Airway risk assessment
3	Theoretical	Practical evaluation of the preoperative patient in terms of anesthesia technician: Practical ECG for anesthesiologist
4	Theoretical	Practical evaluation of the preoperative patient in terms of anesthesia technician: Practical knowledge of hemogram and bleeding parameters in terms of anesthesia technician
5	Theoretical	Practical evaluation of the preoperative patient in terms of anesthesia technician: Practical Biochemistry knowledge in terms of anesthesia technician
6	Theoretical	Practical evaluation of the preoperative patient in terms of anesthesia technician: Anesthesia risk scores
7	Theoretical	Practical evaluation of the preoperative patient in terms of anesthesia technician: Practice of risk scores according to diseases
8	Intermediate Exam	Midterm Exam
9	Theoretical	In terms of anesthesia technician; simulation of interrogation and admission to the operation room in the preoperative waiting room
10	Theoretical	In terms of anesthesia technician; simulation of anesthesia induction in ASA 1-5 patient
11	Theoretical	In terms of anesthesia technician; simulation of mishap scenario during the anesthesia induction in ASA 1-5 patient group
12	Theoretical	In terms of anesthesia technician; simulation of anesthesia maintenance in ASA 1-5 patient group
13	Theoretical	In terms of anesthesia technician; simulation of mishap scenario during maintenance of anesthesia in ASA 1-5 patient group
14	Theoretical	In terms of anesthesia technician; simulation of recovery from anesthesia in ASA 1-5 patient group
15	Theoretical	In terms of anesthesia technician; simulation of mishap scenario during recovery from anesthesia in ASA 1-5 patient group
16	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Individual Work	7	0	1	7



Midterm Examination	1	1	1	2
Final Examination	1	1	1	2
Total Workload (Hours)				53
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Distinguish the need to approach patients as a whole from a psychosocial perspective.
2	Can define how to determine the appropriate anesthesia method for the patient.
3	Can describe the process of answering the anesthesia-related questions of the patient and relatives of the physician responsible for anesthesia.
4	It can describe the process of making the necessary preparations for the patient as equipment and medicine before the operation, and also having the necessary materials ready for unforeseen emergencies.
5	Under the control of an anesthesiologist; during the operation, it can define the procedures that should be done in the process of maintaining the appropriate anesthesia method for the patient, ending the procedure appropriately, and passing the early post-operative period safely and painlessly.

### Programme Outcomes (Anesthesia )

1	To be able to recall basic knowledge about human anatomy
2	To be able to recall the knowledge about Atatürk's principles and the history of Turkish Revolution
3	To be able to recall the knowledge about ethical and moral values
4	To be able to recall the knowledge of Turkish grammar and be able to use it
5	To be able to communicate effectively with patient, their family, and own team
6	To be able to control, use, and maintain the anesthesia machines
7	To be able to recall the information about anesthesia application in the system diseases
8	To be able to recall the issues that needed to be considered in follow-up of patients in intensive care.
9	To be able to make the patients' care in intensive care
10	To be able to apply the cardiopulmonary resuscitation.
11	To be able to apply the drug, liquid and blood to the patient.
12	To be able to apply nasogastric tube to the patient and to aspirate.
13	To be able to assist the implementation of general anesthesia to patient.
14	To be able to recall the drugs used in general and regional anesthesia and learn to use them safely.
15	PO15. Can help during the maintenance, ending and post anaesthesia process.
16	Can help the practices of anesthesia and sedation outside the operation room.
17	Can communicate at the basic level of a foreign language and use this language in his job.
18	Be able to communicate at a basic level in a foreign language and be able to use this language in professional fields
19	To have the appropriate knowledge of basic sciences at the level of interest, to use specific medical terms and terminology of field

### Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P5	5				
P6		5			
P14			5		
P15			5	5	5
P16				5	5
P17					5

