



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Sedation and General Anesthesia in Pediatric Dentistry							
Course Code		PED636		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		teaching sedation and general anesthesia in pedodontics							
Course Content		Includes topics such as sedation and general anesthesia in pediatric dentistry indications, contraindications, drugs, application technique and complications will be discussed.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Demonstration					
Name of Lecturer(s)		Assoc. Prof. Özlem KOCATÜRK							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Pediatric Dentistry: Infancy through Adolescence 6th Edition by Arthur Nowak DMD (Editor), John R. Christensen (Editor), Tad R. Mabry (Editor), Janice Alisa Townsend (Editor), Martha H. Wells (Editor)
2	McDonald and Avery's Dentistry for the Child and Adolescent 10th Edition

Week	Weekly Detailed Course Contents	
1	Theoretical	Indications and contraindications of general anesthesia and sedation in pediatric dentistry I
2	Theoretical	Indications and contraindications of general anesthesia and sedation in pediatric dentistry II
3	Theoretical	Possible risks and complications of general anesthesia and sedation I
4	Theoretical	Possible risks and complications of general anesthesia and sedation II
5	Theoretical	The method of application of sedation and general anesthesia and dental materials I
6	Theoretical	The method of application of sedation and general anesthesia and dental materials II
7	Theoretical	Psychological effect of general anesthesia and sedation procedures on disabled and anxious children I
8	Theoretical	Psychological effect of general anesthesia and sedation procedures on disabled and anxious children II
9	Theoretical	Compulsory measures for general anesthesia and sedation I
10	Theoretical	Compulsory measures for general anesthesia and sedation II
11	Theoretical	Anesthetic agents used in general anesthesia and sedation I
12	Theoretical	Anesthetic agents used in general anesthesia and sedation II
13	Theoretical	Dental treatments performed using general anesthesia and sedation I
14	Theoretical	Dental treatments performed using general anesthesia and sedation II

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	2	8	14	44
Individual Work	5	5	5	50
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Learning indications and contraindications of general anesthesia and sedation
2	Learning the potential risks and complications of general anesthesia and sedation



3	Learning compulsory measures for general anesthesia and sedation
4	Learning anesthetic agents used in general anesthesia and sedation
5	Learning the method of application of sedation and general anesthesia and dental materials

Programme Outcomes (Pediatric Dentistry Doctorate)

1	Must be able to diagnosis and treatment plan in child patient
2	Must know the preventive dentistry treatments.
3	Must be able to restorative treatments in pediatric patient
4	Must be able to know how to apply space maintenances and their fabrication and their effects.
5	Must be able to clinical approach for dental trauma
6	Must be able to manage the dental treatment of handicapped and uncooperative child patient iunder dental sedation and general anesthesia
7	Must be aware of the new treatment techniques and improvements in pedodontics.

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

	L1	L2	L3	L4	L5
P1	4				
P3	4				
P6		4	4	4	4
P7					4

