



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Endodontics in Pediatric Dentistry							
Course Code		PED631		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	156 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The aim of this course is to examine microbial and immunologic events in the root channels of deciduous and permanent teeth							
Course Content		Deep dentine caries of the pathological state of the pulp in the teeth correct detection of the method used, the direct and indirect pulp treatment in permanent tooth and primary tooth, indications of pulpotomy and pulpektomy clinical practice, prognosis of the materials and treatments used will be explained.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)		Assoc. Prof. Sultan KELEŞ							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Pinkham JR, Casamassimo PS, McTigue DJ, Fields HW, Nowak AJ. 2005, Pediatric Dentistry: Infancy Through Adolescence.
---	--

Week	Weekly Detailed Course Contents	
1	Theoretical	Dentin and Pulp histology - ultrastructure. Cells, aorta, veins and nerves, fine structure of dentin, collagen
2	Theoretical	Classification and detailed examination of pulp diseases-1
3	Theoretical	Classification and detailed examination of pulp diseases-2
4	Theoretical	Classification and detailed examination of pulp diseases-3
5	Theoretical	Detection of pulp pathology-1
6	Theoretical	Detection of pulp pathology-2
7	Theoretical	Vitalite tests and radiographic findings
8	Theoretical	Indications and contraindications for deciduous root canal treatment-1
9	Theoretical	Indications and contraindications for deciduous root canal treatment-2
10	Theoretical	Direct and indirect pulp treatments-1
11	Theoretical	Direct and indirect pulp treatments-2
12	Theoretical	Cvek pulpotomy and conventional pulp pulpotomy
13	Theoretical	Preventive therapy and Regenerative therapies
14	Theoretical	Features and filling techniques required in root canal patties
15	Intermediate Exam	Mid term exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	3	15	14	87
Lecture - Practice	2	10	2	24
Assignment	2	10	2	24
Individual Work	1	5	5	10
Midterm Examination	1	10	1	11
Total Workload (Hours)				156
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Relation of microorganisms to pulpal and periradicular diseases
2	Identification and identification of putative pathogens
3	Extraradicular endodontic infections
4	Immunology of Periapical diseases
5	Indications of pulpotomy and pulpectomy treatments

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	L3	L5
P1		3	
P3	3		3
P5		3	

