



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Apexogenesis and Apexification Methods in Young Permanent Teeth							
Course Code		PED621		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	50 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Clinical diagnosis of pulp diseases in childhood and pulp treatment with appropriate materials and techniques							
Course Content		Physiological apex development in young permanent teeth, treatment approaches that protected vital pulp and ensuring the continued development of the apex, the method used to ensure apexification in cases where the non-vital pulp and materials will be described							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

### 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
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Week	Weekly Detailed Course Contents	
1	Theoretical	Primary and young permanent teeth pulp
2	Theoretical	Endodontic treatments in primary teeth
3	Theoretical	Indirect pulp treatment in primary teeth
4	Theoretical	Direct pulp treatment in primary teeth
5	Theoretical	Pulpotomi in primary teeth
6	Theoretical	Pulpectomi in primary teeth
7	Theoretical	Endodontic treatment in young permanent teeth
8	Theoretical	Indirect pulp treatments
9	Theoretical	Direct pulp treatments
10	Theoretical	Apexogenesis in young permanent teeth
11	Theoretical	Apexification in young permanent teeth
12	Theoretical	Apexification in young permanent teeth
13	Theoretical	Regenerative endodontic treatments in necrotic young permanent teeth I
14	Theoretical	Regenerative endodontic treatments in necrotic young permanent teeth II

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	2	10	5	30
Midterm Examination	1	5	5	10
Final Examination	1	5	5	10
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	1. Describe the functions of the pulpodentinal complex in primary and young permanent teeth
2	Vital and non-vital endodontic treatments are applied in dairy teeth.
3	Apply vital and non-vital endodontic treatments in young permanent teeth.
4	To be able to diagnose clinical symptoms of primary and permanent teeth with pulpal disease



5	To have a knowledge about materials used for endodontic treatments of primary and permanent teeth
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**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	L5
P1	5	
P5		5
P7		5

