



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Chemical Methods For Caries Removal and Atraumatic Restorative Techniques							
Course Code		PED626		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	156 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The aim of this course is to teach the biologic approach to the targeted tooth decay and the removal of rot by chemical methods from minimally invasive dentistry applications and the atraumatic restorative treatment (ART).							
Course Content		The softened with chemicals of dental caries and mechanical methods with excavation and the selective removal method bruise , materials used , activities and usages , definition of atraumatic restorative techniques , areas and includes such topics as success.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)		Assoc. Prof. Kadriye Gökem ULU GÜZEL							

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	Tooth decay mechanism
2	Theoretical	Biological approach to tooth decay
3	Theoretical	Evaluation of approach to caries types
4	Theoretical	Minimally invasive approach to removal of tooth decay
5	Theoretical	What is atraumatic restorative treatment (ART)?
6	Theoretical	Application areas of atraumatic restorative treatment
7	Theoretical	ART in field and clinical practice
8	Theoretical	Chemical remotion of tooth decay
9	Theoretical	Chemical agents used to remove tooth decay
10	Theoretical	Chemomechanical caries removal method
11	Theoretical	Tools for decaying
12	Theoretical	Evaluation of the activities of various caries removal techniques
13	Theoretical	Application of different caries removal techniques in field and clinical trials
14	Theoretical	Seminar
15	Intermediate Exam	Midterm exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	2	11	14	50
Assignment	2	11	2	26
Individual Work	4	7	10	68
Midterm Examination	1	11	1	12
Total Workload (Hours)				156
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Learning the tooth decay progression mechanism
2	Biological approach to tooth decay



3	To know how to remove tooth decay by chemical methods
4	Knowing the technique of removing tooth decay with hand tools (ART)
5	Evaluation of the effectiveness of chemical caries removal technique

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	3				
P2		3	3		
P7			3	3	3

