



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Drug Therapy In Children							
Course Code		PED629		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	101 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The aim of this course is to provide information on the indications for drug use in pediatric dentistry, dosing doses and different effects.							
Course Content		Pediatric dentistry in the areas of antibiotics and painkillers, prescription writing, the effectiveness of antibiotics, classification, administration dose and frequency of use, resistance and tolerance, side effects, factors that affect the choice of antibiotic such issues will be discussed.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
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	Situations requiring medication in children -1
2	Theoretical	Situations requiring medication in children-2
3	Theoretical	Antibiotic indications in pediatric dentistry
4	Theoretical	Rules to be applied in the treatment of antibiotics in children-1
5	Theoretical	Rules to be applied in the treatment of antibiotics in children-2
6	Theoretical	Deciding on the antibiotic dose to be used in children
7	Theoretical	Treatment for prophylaxis in children
8	Theoretical	Prophylactic antibiotic doses recommended in children
9	Theoretical	Possible side effects of drug use in children-1
10	Theoretical	Possible side effects of drug use in children-2
11	Theoretical	Drug use during pregnancy
12	Theoretical	Fetus-damaging drugs
13	Theoretical	Drug groups not recommended for use in pregnancies
14	Theoretical	Drug groups not recommended for use in children
15	Intermediate Exam	Midterm exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	1	10	14	24
Lecture - Practice	2	10	2	24
Assignment	1	10	2	12
Individual Work	2	10	5	30
Midterm Examination	1	10	1	11
Total Workload (Hours)				101
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Understanding the pain control protocol in pediatric dentistry
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2	Learning of antibiotic usage areas.
3	Understanding of the use of analgesics in pedodontics
4	To learn the application methods of drugs used in pediatric dentistry
5	Learning the rational use of antimicrobial agents

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	3	3	3	3

