

Dentistry (English)			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

Course Introduction and Application Information

Course Code:	DENT505		
Course Name:	Pediatric Dentistry – clinic 2		
Semester:	Fall		
Course Credits:	ECTS 4		
Language of instruction:	English		
Course Condition:	DENT421 - Pediatric Dentistry - clinic 1		
Does the Course Require Work Experience?:	No		
Type of course:	Compulsory Courses		
Course Level:	Bachelor TR-NQF-HE:6. Master`s Degree</div> <div>QF- EHEA:First Cycle</div> <div>EQF-LLL:6. Master`s Degree		
Mode of Delivery:	Face to face		
Course Coordinator:	Dr. Öğr. Üy. NESLİHAN ÖZDEMİR		
Course Lecturer(s):	Assis. Prof. Neslihan Özdemir		
Course Assistants:			

Course Objective and Content

Course Objectives:	To perform preventive applications, minor to major restorative procedures in primary and permanent teeth, pulpotomy in primary teeth, fixed and removable space maintainers, to make more practice about oral hygiene motivation for the child and parents, behavior management methods, clinical and radiographic examination.
Course	Preventive applications, topical fluoride applications, minor to major restorative procedures in

Content:	children, pulpotomy in primary teeth, extraoral and intraoral examination, radiographic examination, behavior management methods, treatment planning, oral hygiene motivation, space maintainers
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Learning Outcomes

The students who have succeeded in this course;

- 1) Examines the pediatric patient's behavioral pattern and applies the most suitable behavioral management technique to the patient.
- 2) Performs intraoral and extraoral examination and radiographic examination.
- 3) Plans appropriate treatment for the pediatric patient.
- 4) Performs preventive practices under supervision.
- 5) Applies minimal restorative treatments under supervision.
- 6) Motivates the oral hygiene education of the child and the parents.
- 7) Applies a fixed and removable space maintainer.
- 8) Performs pulpotomy in primary teeth.

Course Flow Plan

Week	Subject	Related Preparation
1)	Diagnosis, treatment planning, and practice in pediatric dentistry	
2)	Diagnosis, treatment planning, and practice in pediatric dentistry	
3)	Diagnosis, treatment planning, and practice in pediatric dentistry	
4)	1. Diagnosis, treatment planning, and practice in pediatric dentistry 2. Final exam	

Sources

Course Notes / Textbooks:	Lecture Notes McDonald R.E., and Avery D.R., Dentistry for the Child and Adolescent, Mosby, 2011. Casamassimo P, Fields H, McTigue D, and Nowak A, Pediatric Dentistry, 5th Edition, Saunders, 2012. Koch G, Poulsen S, Espelid I, Haubek D, Pediatric Dentistry: A Clinical Approach, 3rd Edition, Wiley, 2016. Nowak A, Christensen J, Mabry T, Townsend J, Wells M, Pediatric Dentistry. Infancy through Adolescence, 6th Ed. Elsevier Saunders, St. Louis, 2018.
References:	

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5	6	7	8
Program Outcomes								
1) Has basic and up-to-date knowledge in the field of dentistry, follows scientific publications, and applies evidence-based data to his/her professional practice.								
2) Knows well and effectively uses devices, tools, and materials specific to diagnosis and treatment in the field of dentistry.								
3) Evaluates the knowledge in the field of dentistry critically, integrates it with the knowledge of disciplines in the field of health, uses it by analyzing and synthesizing it.								
4) Produces projects related to the field of dentistry, can work with other health disciplines, takes part as a member of the research team and evaluates and reports the results obtained at a scientific level.								
5) Uses information that will contribute to the dentistry profession during practice, takes responsibility, and produces solutions in unforeseen situations.								
6) Shares, compares, and exchanges dental knowledge with professional colleagues in social and scientific environments in written, verbal, and visual forms.								
7) Within the framework of social, scientific, and ethical values including patient privacy, communicates with patients and their relatives, knows all the characteristics of the patient, and recommends the most appropriate treatment with a patient-centered approach.								
8) Follows technological developments, participates in national and international studies, and shares and presents own observations, experiences, and research to further advance dental practices.								
9) By adopting the principle of lifelong learning throughout the dentistry profession, follows current evidence-based dental knowledge and uses it during his professional practice.								
10) During dental practice, in cases such as abuse and addiction, performs the treatment by exhibiting the behaviors required by social ethics and legal rules, and collects and records the relevant data.								

Course Learning Outcomes	1	2	3	4	5	6	7	8
1) Uses basic and current knowledge in the field of dentistry during professional practice for the benefit of society within the framework of national values and country realities.								
12) In natural disasters and emergency cases, takes the protective measures required by the dentistry profession; performs professional practices that benefit patients and society								
13) Generates ideas regarding health policy in dentistry, prioritizes individual and public health, and carries out preventive and therapeutic medical practices within the framework of scientific, ethical, and quality processes.								
14) Differentiates the signs and symptoms commonly encountered in the dentistry profession, makes a treatment plan and refers when necessary, and manages diseases and clinical situations regarding their urgency and patient priority.								
15) Can assume the leadership responsibility of the team he/she works for, manage it following scientific criteria, and support the professional development of the team.								

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Has basic and up-to-date knowledge in the field of dentistry, follows scientific publications, and applies evidence-based data to his/her professional practice.	
2)	Knows well and effectively uses devices, tools, and materials specific to diagnosis and treatment in the field of dentistry.	
3)	Evaluates the knowledge in the field of dentistry critically, integrates it with the knowledge of disciplines in the field of health, uses it by analyzing and synthesizing it.	
4)	Produces projects related to the field of dentistry, can work with other health disciplines, takes part as a member of the research team and evaluates and reports the results obtained at a scientific level.	
5)	Uses information that will contribute to the dentistry profession during practice, takes	

	responsibility, and produces solutions in unforeseen situations.	
6)	Shares, compares, and exchanges dental knowledge with professional colleagues in social and scientific environments in written, verbal, and visual forms.	
7)	Within the framework of social, scientific, and ethical values including patient privacy, communicates with patients and their relatives, knows all the characteristics of the patient, and recommends the most appropriate treatment with a patient-centered approach.	
8)	Follows technological developments, participates in national and international studies, and shares and presents own observations, experiences, and research to further advance dental practices.	
9)	By adopting the principle of lifelong learning throughout the dentistry profession, follows current evidence-based dental knowledge and uses it during his professional practice.	
10)	During dental practice, in cases such as abuse and addiction, performs the treatment by exhibiting the behaviors required by social ethics and legal rules, and collects and records the relevant data.	
11)	Uses basic and current knowledge in the field of dentistry during professional practice for the benefit of society within the framework of national values and country realities.	
12)	In natural disasters and emergency cases, takes the protective measures required by the dentistry profession; performs professional practices that benefit patients and society	
13)	Generates ideas regarding health policy in dentistry, prioritizes individual and public health, and carries out preventive and therapeutic medical practices within the framework of scientific, ethical, and quality processes.	
14)	Differentiates the signs and symptoms commonly encountered in the dentistry profession, makes a treatment plan and refers when necessary, and manages diseases and clinical situations regarding their urgency and patient priority.	
15)	Can assume the leadership responsibility of the team he/she works for, manage it following scientific criteria, and support the professional development of the team.	

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Midterms	1	% 40
Final	1	% 60
total		% 100
PERCENTAGE OF SEMESTER WORK		% 40

PERCENTAGE OF FINAL WORK		% 60
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Preparation for the Activity	Spent for the Activity Itself	Completing the Activity Requirements	Workload
Course Hours	56	0	3		168
Midterms	2	0	4		8
Final	1	0	2		2
Total Workload					178