

Course Title	Pediatric Dentistry IV				
Course Code	DES535				
Course Type	Compulsory				
Level	Bachelor (1 st Cycle)				
Year / Semester	5 th year / 9 th semester				
Teacher's Name	TBA				
ECTS	3	Lectures / week	1 hr / 13 weeks + exam week	Clinic / week	3 hrs / 13 weeks
Course Purpose and Objectives	The objective of the course is for the student to be able to diagnose oral health problems in healthy children, adolescents and special patients, to plan and apply appropriate preventive dental care programs for such patients and to treat simple cases of cooperative school aged children and adolescents.				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Describe early childhood caries diagnosis, prevention and treatment plan the management. • Discuss school aged children, simple cases, oral health prevention and management. • Discuss adolescents oral health prevention and management. • Discuss orthodontic patients' oral health prevention. • Diagnose periodontal health and disease in pediatric patients. • Use of nitrous oxide (N₂O) for behavior modification for the fearful child and adolescent. • Apply behavior modification methods in the dental office as well as communicate efficiently with the parents regarding their child's needs. • Diagnose dental problems in cooperative school aged children and adolescents, treatment plan and apply appropriate preventive programs and treat simple cases. • Provide dental care by using four-handed dentistry. 				

	<ul style="list-style-type: none"> Evaluate which cases must be referred to a pediatric dentist or other health professionals. 		
Prerequisites	None	Co-requisites	None
Course Content	<p>Lectures:</p> <ul style="list-style-type: none"> Learn about early childhood caries clinical appearance, epidemiology, pathogenesis, and prevention. Learn about treatment planning and management of early childhood caries. Case based discussion about treatment planning of early childhood caries cases. Case based discussion about treatment planning of early childhood caries cases. Learn about the school aged children caries management. Diagnosis, treatment planning and prevention. Case based discussion about the school aged children caries management. Diagnosis, treatment plan and prevention. Case based discussion about school aged children caries management. Diagnosis, treatment plan and prevention. Case based discussion about the oral health management of the adolescent patient. Case based discussion about the oral health management of the adolescent patient. Case based discussion about the oral health management of the orthodontic patient, with emphasis on white spot lesion prevention and diagnosis management as well as gingival health. Case based discussion about periodontal health and disease in children and adolescents. Learn about the indications and administration techniques of inhalation anesthesia, Nitrous Oxide, in children. Review. <p>Clinic:</p> <p>Management of pediatric patients in the clinic.</p>		
Teaching Methodology	<p>Face-to-face</p> <p>Internet-based case scenarios</p>		
Bibliography	<p>Koch G, Poulsen S, Espelid I, Haubek D. Pediatric Dentistry: A Clinical Approach. Oxford: Wiley Blackwell, 2017.</p>		

	<p>Dean JA. McDonald and Avery's Dentistry for the Child and Adolescent. St. Louis: Elsevier, 2015.</p> <p>European Academy of Pediatric Dentistry Policies and Guidelines https://www.eapd.eu/index.php/policies-and-guidelines</p> <p>American Academy of Pediatric Dentistry Oral Health Policies and Recommendations (The Reference Manual in Pediatric Dentistry) https://www.aapd.org/research/oral-health-policies--recommendations/</p>								
Assessment	<table border="1" data-bbox="443 645 1197 846"> <tr> <td>Final Examination</td> <td>60%</td> </tr> <tr> <td>Laboratory / Clinical Work / Oral presentations</td> <td>30%</td> </tr> <tr> <td>Participation and attendance</td> <td>10%</td> </tr> <tr> <td>Total</td> <td>100%</td> </tr> </table>	Final Examination	60%	Laboratory / Clinical Work / Oral presentations	30%	Participation and attendance	10%	Total	100%
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Language	English								