

Course Title	Pediatric Dentistry V				
Course Code	DES590				
Course Type	Compulsory				
Level	Bachelor (1st Cycle)				
Year / Semester	5 th year/ 10 th semester				
Teacher's Name	TBA				
ECTS	2	Lectures / week	1 hr / 13 weeks + exam week	Clinic / week	2 hours / 13 weeks + 3 hours / 6 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 needs 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"> • Provide plan through virtual cases, management of traumatic injuries of the hard and periodontal tissues in the primary and permanent dentition and refer patients appropriately to other dental specialists as needed. • Discuss the sequelae of dental traumatic Injuries in the primary dentition and prevent its occurrence. • Diagnose and treatment plan, prevention and management of cases with enamel dental defects, molar incisor hypomineralization and amelogenesis imperfecta and refer appropriately. • Describe the epidemiology and the different categories of special needs patients including the medically compromised. • Evaluate the special oral health characteristics of patients with special needs, diagnose the needs and apply preventive programs for such patients. Emphasis to be given in the management of Downs syndrome, autism and cerebral palsy. • Evaluate the dental treatment considerations for the medically compromised child and adolescent (cancer, blood dyscrasias), diagnose the needs and apply preventive programs for such patients. • Evaluate the dental treatment considerations for the child and adolescent with a cleft lip and palate, diagnose the needs and apply preventive programs for such patients. 				
Prerequisites	None		Co-requisites	None	
Course Content	Lectures:				

	<ul style="list-style-type: none"> • Case based discussion about the management of dental traumatic injuries of the hard dental tissues in permanent teeth. • Case based discussion about the management of dental traumatic injuries of the periodontal tissues in permanent teeth. • Case based discussion about the management of dental traumatic injuries of primary teeth. • Case based discussion about the sequelae of primary teeth dental traumatic injuries to the permanent dentition. • Case based discussion about diagnosis and oral health management of children with molar incisor hypomineralization. • Case based discussion about diagnosis and oral health management of children with amelogenesis imperfecta. • Learn about the oral health management of special needs patients with physical, sensory and/or mental disabilities with emphasis on preventive protocols. • Know the dental treatment considerations for the child and adolescent with Downs syndrome and apply preventive programs for such patients. • Learn about dental treatment considerations for special needs patients, with autism spectrum disorder and cerebral palsy with emphasis on preventive protocols. • Learn about dental treatment considerations for special needs patients, with cerebral palsy with emphasis on preventive protocols. • Learn about the dental treatment considerations for the pediatric patient with cancer (before, during and after the anticancer therapy). • Learn about the oral health management of medically compromised patients with blood dyscrasias. • Learn about comprehensive oral rehabilitation under general anesthesia. Indications, dental management. • Know the dental treatment considerations for the child and adolescent with a cleft lip and palate. Diagnose the needs and apply preventive programs for such patients. • Treatment plan of complex pediatric dental cases with in class discussions • Review. <p>Clinic:</p> <p>Management of pediatric patients in the clinic.</p>
Teaching Methodology	Face-to-face Internet based case scenarios
Bibliography	Koch G, Poulsen S, Espelid I, Haubek D. Pediatric Dentistry: A Clinical Approach. Oxford: Wiley Blackwell, 2017. Dean JA. McDonald and Avery's Dentistry for the Child and Adolescent.

	<p>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="443 607 1197 797"> <tr> <td data-bbox="443 607 1023 645">Final Examination</td> <td data-bbox="1023 607 1197 645">60%</td> </tr> <tr> <td data-bbox="443 645 1023 719">Laboratory / Clinical Work / Oral presentations</td> <td data-bbox="1023 645 1197 719">30%</td> </tr> <tr> <td data-bbox="443 719 1023 757">Participation and attendance</td> <td data-bbox="1023 719 1197 757">10%</td> </tr> <tr> <td data-bbox="443 757 1023 797">Total</td> <td data-bbox="1023 757 1197 797">100%</td> </tr> </table>	Final Examination	60%	Laboratory / Clinical Work / Oral presentations	30%	Participation and attendance	10%	Total	100%
Final Examination	60%								
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Language	English								