

DESCRIPTION FORM OF THE COURSE

Course Code and Name	DHF 350 Periodontology
Semester of the Course	5-6
Catalog Description of the Course (Contents)	Understanding the etiology, microbiology and pathogenesis of periodontal diseases and evaluating the clinical and radiographic diagnostic procedures used in the diagnosis of diseases and Periodontal Phase 1 treatment are explained and demonstrated theoretically and practically.
Main Reference Book	- "Carranza's Clinical Periodontology", Editors: Newman, Takei, Carranza; Saunders Publishing House.
Supplementary Books	- "Clinical Periodontology And Implant Dentistry", Editors: Lindhe, Karring, Lang; Munksgaard, Copenhagen
Course Credit (AKTS)	4
Prerequisites of the Course (Course attendance requirements should be specified in this section)	To be successful in DHF290 Microbiology / Oral Microbiology, FZY 200 Physiology II, HST 200 Histology II In order to be able to take the final exam, he / she is obliged to complete all semester studies specified in the evaluation criteria. Attendance is mandatory
Course Type	Vocational / Technical
Language of Instruction of the Course	Turkish
Objectives and Goals of the Course	To teach in detail the anatomy of the gum and tooth supporting structures. Understanding the etiology, microbiology and pathogenesis of periodontal diseases, and examining their relationship with systemic diseases. Giving information about the clinical findings of periodontal diseases and all other diagnostic procedures. To have sufficient knowledge about Periodontal Phase 1 treatment practices, instruments used and drug applications.
Learning Outcomes of the Course	<ol style="list-style-type: none"> 1. To have detailed knowledge about the anatomy of teeth and periodontal tissues. 2. To have the ability to make detailed examination of teeth, periodontium and oral mucosa and to keep patient records. 3. To have sufficient knowledge about the epidemiology and classification of periodontal diseases. 4. To know the etiology and pathogenesis of periodontal diseases and to evaluate the prognosis. 5. To be able to evaluate the relationships between periodontal diseases and systemic diseases bilaterally and to make the necessary pre-diagnosis and guidance. 6. To have sufficient knowledge about local, environmental and systemic factors in the etiology of periodontal diseases and prevention from disease. 7. To be able to take a complete anamnesis about the medical and dental condition of the patient; To have the ability to transfer clinical and radiographic examination findings to the recording systems and to be able to interpret the results of the examination by considering the social status of the patient, to make a definitive diagnosis, to determine the needs in treatment planning and to be able to perform the treatment by considering the patient's needs

	<p>8. Having knowledge about different lesions in the oral cavity, evaluating differential diagnoses and being able to refer to the specialist with pre-diagnosis. To have the knowledge and ability to define the differences between healthy and pathological conditions, not only in terms of periodontal diseases, but also for the general dentistry clinic.</p> <p>9. To have up-to-date information about radiographic and all diagnostic procedures, clinical and laboratory procedures used in the diagnosis of periodontal diseases and to be competent to evaluate the results.</p> <p>10. To be proficient in consultation with physicians in other branches.</p> <p>11. To have sufficient knowledge about the physiological differences in different periods of life in the periodontium.</p> <p>12. To have knowledge about the instruments used in all clinical and surgical treatment procedures of periodontal diseases.</p> <p>13. Must have fully competent knowledge in educating patients about oral hygiene practices. It should convey the necessary information about the etiology of periodontal diseases to the patients and encourage the patients about the responsibilities of their oral and dental health.</p> <p>14. Must have the necessary knowledge and competence about drug use in periodontology.</p> <p>15. Periodontal Phase 1 should have the competence to plan and apply procedures such as supragingival and subgingival tartar cleaning and root surface straightening according to the needs of the patient.</p>
Format of the Giving Course	It is carried out as face-to-face theoretical and clinical observation.
Weekly Distribution of the Course	<p>1. week Gum Anatomy- Prof.Dr. Bulent KURTIS</p> <p>2. weeks Anatomy of Feminine Supporting Structures- Prof.Dr. Bulent KURTIS</p> <p>3. weeks Epidemiology of Gingival and Periodontal Diseases- Prof. Dr. Burcu ÖZDEMİR</p> <p>Classification of Periodontal Diseases-Not dependent on the plate gingival diseases or problems- Asist. Dr. Adil BAŞMAN</p> <p>4. week Microbiology of Periodontal Diseases- Biofilm-Virulence Factors- Prof. Dr. Mehmet YALIM</p> <p>5. week Tartar and the factors that prepare the formation of tartar- Prof. Dr. Ayşen BODUR Pathogenesis of Gingival Inflammation- Assist Dr. Adil BAŞMAN</p> <p>6. week Immunity and Inflammation- Prof.Dr. Gülay TÜTER Vitamin and mineral deficiencies-Prof. Dr. Ayşen BODUR</p> <p>7 .week The Relationship Between Periodontal Diseases and Systemic Diseases- Prof. Dr. Ayşen BODUR</p> <p>8 .week Host-Microbiology Relationship in Periodontal Disease- Prof.Dr. Gülay TÜTER</p> <p>9. week Defense Mechanisms of the Gingiva-Reduction / absence of saliva (Dry mouth Xerostomia) -Excess saliva (Hypersalivation, Sialorrhea) Prof. Dr. Mehmet YALIM Clinical Findings of Gingival Inflammation - Gingival hyperemia-Gingival swelling. Prof. Dr. Emel ÖKTE</p>

10. week
Gingival Growth- Assoc. Dr. Zeynep TURGUT ÇANKAYA

11. week
Bad Breath- Prof. Dr. Berrin ÜNSAL
Gum Diseases Seen in Childhood-Sliding gingivitis- Prof.
Dr. Emel ÖKTE

12. week
Mucous Membrane Diseases- Assoc. Dr. Sıla Çağrı İŞLER

13. week
Periodontal Pocket- Prof.Dr. Gülay TÜTER
Alveolar Bone Loss-Intra-bone defects - Assoc. Dr. Sıla Çağrı
İŞLER

14. week
Radiography in the Diagnosis of Periodontal Diseases- Prof. Dr. Berrin
ÜNSAL
Chronic Periodontitis- Prof. Dr. Bulent KURTIS

15. week
Acute Gingival Infections -Apthous stomatitis-Perichoronitis-Apthous
lesions- Assoc. Dr. Zeynep TURGUT ÇANKAYA
NUG –NUP- Prof. Dr. Ayşen BODUR

16. week
Aggressive Periodontitis- Prof. Dr. Mehmet YALIM
Aging and Periodontium- Prof.Dr. Bulent KURTIS

17. week
Diseases with Neutrophil Anomalies and Their Effects on Periodontium-
AIDS- Assoc. Dr. Zeynep TURGUT ÇANKAYA

18 .week
Clinical Diagnosis of Periodontal Diseases-Dental mobility-Gingival pain-
Prof. Dr. Burcu ÖZDEMİR
Periodontal index taking and evaluation- Prof. Dr. BURCU
ÖZDEMİR

19. week
Evaluation of Prognosis in Periodontal Diseases- Prof. Dr. Deniz ÖZBAY
ÇETİNER

20. weeks
Introduction to Phase I Periodontal Treatment- Prof. Dr. Emel ÖKTE
Bacterial Plaque Control- Prof. Dr. Emel ÖKTE

21. Week
Tools used in periodontology- Prof.Dr. Bulent KURTIS
Dental Surface Cleaning-Root Surface Cleaning- Prof.Dr. Bulent KURTIS

22. week
Supra and subgingival irrigation applications- Prof. Dr. Burcu
ÖZDEMİR
Periodontal Abscess-Gingival Abscess- Prof. Dr. Burcu ÖZDEMİR

23. week
Emergency Periodontal Treatment- Prof. Dr. Berrin ÜNSAL
Periodontal Treatment in Women- Prof. Dr. Deniz ÖZBAY ÇETİNER

24. week
Drug use in periodontology- Prof. Dr. Emel ÖKTE

25. week
Periodontal Treatment in Medical Problems Patients- Prof. Dr. Ayşen
BODUR

26. week
Periodontal Disease and Treatment in the Elderly- Assoc. Dr. Zeynep
TURGUT ÇANKAYA
Aggressive Periodontitis Treatment- Assoc. Dr. Zeynep TURGUT
ÇANKAYA

	<p>27. weeks Gingival Recession-Gingival sensitivity- Prof. Dr. Berrin ÜNSAL Aesthetic Problems of the Gingiva- Assoc. Dr. Sıla Çağrı İŞLER</p> <p>28. week Occlusal Evaluation and the Effect of Occlusal Trauma on Periodontium- Prof. Dr. Berrin ÜNSAL Tooth clenching and / or teeth grinding- Assoc. Dr. Zeynep TURGUT ÇANKAYA</p> <p>Clinical observation (2 weeks)</p>																																																								
<p>Teaching Activities (The time spent for the activities mentioned here will determine the credit. It needs to be filled carefully.)</p>	<p>Theoretical hours per week: 2 hours Weekly practical lessons: 2 weeks Reading Activities 2 hours Internet browsing, library study 2 hours Material design, application Report preparing Preparing homework 2 hours Homework presentation 2 hours Midterm and midterm exam preparation 2 hours Final exam and preparation for the final exam 2 hours</p>																																																								
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		Course Credit (AKTS)							4
		No	Program Outcomes	1	2	3	4	5	
Contribution Level Between Course Outcomes and Program Outcomes		1	Knows the normal structures and functions of the human body and specifically the structures and teeth in the mouth area on the basis of cells, tissues, organs and systems and their interactions with each other.					X	
		2	Defines the causes and formation mechanisms of oral, dental and jaw diseases, the findings they cause, structural and functional disorders and how they affect the organism.					X	
		3	Knows, understands, correlates, and evaluates the symptoms and findings in the national core education program of dentistry and Gazi University Faculty of Dentistry Extended Education Program, diseases and conditions and professional practices at a determined level.					X	

	4	Knows to reach the best current scientific evidence in line with personal learning needs, and to evaluate its reliability and validity.					X
	5	Knows the legislation on professional legal responsibilities, deontology and ethical principles..	X				
	6	Knows and performs the professional practices in the national core education program of dentistry and Gazi University Faculty of Dentistry Extended Education Program.					X
	7	Conducts diagnosis, treatment and follow-up processes by prioritizing evidence-based practice, critical thinking and ethical principles.					X
	8	Aware of its limitations, puts personal learning goals to support professional development, guide the patient to the appropriate					X

		center when necessary.						
	9	Knows the prevalence of diseases in the mouth, teeth and jaws in the society, contributes to prevention and reduction.						X
	10	While practicing his/her profession independently, he/she acts in accordance with the laws, regulations, legislation and ethical principles regarding his/her duties and responsibilities.					X	
	11	Has teamwork and leadership skills, and becomes a role model for colleagues and society.						X
	12	Plans personal professional development and realizes it with the principle of lifelong learning.				X		
	13	Establishes the effective written and oral communication with patients, their relatives, other healthcare professionals, society, relevant sectors and media.						X

		14	Follows the innovations in the profession by using foreign language and information communication technologies	X						
<p>Instructor to Give the Course and Contact Information</p>	<ol style="list-style-type: none"> 1. Prof. Dr. Mehmet YALIM myalim@gazi.edu.tr 2. Prof. Dr. Emel ÖKTE emelokte@gazi.edu.tr 3. Prof. Dr. Altan DOĞAN doganaltan@gmail.com 4. Prof. Dr. Berrin ÜNSAL bunsal@gazi.edu.tr 5. Prof. Dr. Nurdan KURTULUŞ nurdan@gazi.edu.tr 6. Prof. Dr. Gülay TÜTER gulay@gazi.edu.tr 7. Prof. Dr. Bülent KURTIŞ mbulent@gazi.edu.tr 8. Prof. Dr. Ayşen BODUR abodur@gazi.edu.tr 9. Prof. Dr. Deniz ÖZBAY ÇETİNER fdeniz@gazi.edu.tr 10. Prof. Dr. Burcu ÖZDEMİR cburcu@gazi.edu.tr 11. Assoc. Prof. Dr. Sıla Çağrı İŞLER silaislerazi.edu.tr 12. Assoc. Prof. Dr. Zeynep TURGUT ÇANKAYA zeynepturgut@gazi.edu.tr 13. Assist Prof. Adil BAŞMAN adilbasman@gazi.edu.tr 14. Assist Prof. Sühan GÜRBÜZ suhangurbuz@gazi.edu.tr 									