

1. Ders Tanımlama

DERS TANIMLAMA FORMU	
Course Code and Name	DHF570 Orthodontics
Semester of the Course	9-10
Catalog Description of the Course (Contents)	Diagnosing orthodontic anomalies with the help of diagnostic tools and clinical examination findings of the patients in the orthodontics clinic, having information about the treatment time and plan, performing simple orthodontic applications, following the development of the mouth, teeth and jaws, and providing the patient with the information to direct the patient to the orthodontist at the appropriate time.
Main Reference Book	Grabner, T.M. Orthodontics, Principles and Practice, 5 th ed. WB Saunders Co., Philadelphia, London, Toronto, 2012.
Supplementary Books	Proffitt WR, Fields HW, Sarver D. Contemporary Orthodontics. 5 th ed. Mosby, Elsevier 2013. -Ülgen, M. Ortodontik tedavi prensipleri, Ankara Üniv Basımevi, 1990.
Course Credit (AKTS)	4
Prerequisites of the Course (Course attendance requirements should be specified in this section)	It is compulsory to be successful in the DHF 470 Orthodontics course. In order to take the final exams of the course, it is compulsory to attend all exam stages for clinical applications and assessment. Final exam consists of two stages (Oral / Practical + Theoretical) It is mandatory to enter both stages in order to create a success grade. Attendance is mandatory.
Course Type	Professional / technical lesson
Language of Instruction of the Course	Turkish
Objectives and Goals of the Course	To be able to diagnose orthodontic anomalies in the clinic by using orthodontic diagnostic tools and clinical examination findings, to be informed about the treatment plan, to be able to perform simple orthodontic applications, to follow the oral, tooth and jaw development of individuals in development age and to have the knowledge to direct the patient to the orthodontist at the appropriate time, to observe clinical studies. .
Learning Outcomes of the Course	<ol style="list-style-type: none"> 1. Defines the diagnosis of orthodontic malocclusion 2. Have the ability to determine the need for orthodontic treatment 3. Have knowledge about orthodontic treatment techniques 4. Analyze the model in a sample model 5. The placeholder makes mobile appliance, reinforcement appliance and habit breaker appliance that concerns single tooth movement or used in cross-bite correction. 6. As a dentist, she realizes the limitations of orthodontic treatment applications and directs the patient to an orthodontist at the appropriate treatment time. 7. Makes emergency intervention for orthodontic device related injuries.
Format of the Giving Course	Face-to-face education, clinical bedside education, laboratory practice, assignments, exams
Weekly Distribution of the Course	<ol style="list-style-type: none"> 1. week : Evaluation of growth development period from hand-wrist radiography, bone age determination and clinical examinations. 2. week : Orthodontic model evaluation, space limitation analysis and bedside examinations in the clinic. 3. week Indications and contraindications of orthodontic treatment appliances. Diagnosis and treatment planning of the case with the findings of orthodontic model, cephalograms and hand-wrist films

	<p>4. week : Making an orthodontic treatment device in a case (patient / model) Emergency intervention of injuries caused by orthodontic devices</p> <p>5. week :Quiz, practical and theoretical internship final exams are held.</p> <p>YAPILMASI ZORUNLU KLİNİK PRATİK UYGULAMALAR</p> <ol style="list-style-type: none"> 1. Analysis application on a lateral cephalometric film drawing 2. Orthodontic model diagnosis and treatment planning in a case 3. Taking measurements and waxed closures for preparing a model in a case 4. Filling an anamnesis and examination form in a case 5. Making a mobile appliance in one case 																																																												
<p>Teaching Activities (The time spent for the activities mentioned here will determine the credit. It needs to be filled carefully.)</p>	<p>Theoretical course hours per week Weekly practical lessons: 20 hour Reading Activities Internet browsing, library study Material design, application: 4 week 2 hour Report preparing Preparing presentation 3 week 1 hour Presentation 1 week 1 hour Midterm and midterm exam preparation : 1 hour Final exam and preparation for the final exam : 1 hour</p>																																																												
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Contribution Level Between Course Outcomes and Program Outcomes	No	Program Çıktıları	1	2	3	4	5
	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 center when necessary.					X
	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					
Instructors to Give the Course and Contact Information		<p>Prof.Dr.Neslihan Üçüncü, ucuncu@gazi.edu.tr Prof.Dr.Sevil Akkaya, sevilak@gazi.edu.tr, Prof.Dr. Sema Yüksel, semay@gazi.edu.tr, Prof.Dr. Emel Yücel, emelyucel0@gmail.com Prof.Dr.Tuba Tortop, tubatortop@gazi.edu.tr, Prof.Dr.Nilüfer Darendeliler, darende@gazi.edu.tr, Prof.Dr. Lale Taner, laletaner@yahoo.com, Prof.Dr.Çağrı ULUSOY, culusoy77@yahoo.com, Prof.Dr. Cumhuri TUNCER, tuncer@gazi.edu.tr, Prof.Dr. Burcu BALOŞ TUNCER, burcu@gazi.edu.tr, Prof.Dr.Selin KALE VARLIK, kaleselin@yahoo.com, Prof.Dr. Belma IŞIK, belma@gazi.edu.tr, Prof.Dr.Çağrı TÜRKÖZ, cturkoz@hotmail.com, Prof.Dr. Deniz UZUNER, fduzuner@yahoo.com.tr Doç. Dr. Nehir Canigür Bavbek, ncanigur@yahoo.com Doç.Dr. Erdal BOZKAYA, erdalbozkaya@gmail.com Dr. Öğr. Üyesi Gamze METİN GÜRSOY, gamgursoy@gmail.com</p>						