

COURSE DESCRIPTION FORM	
Course Code and Name	DHF3130 Dental Anesthesia
Course Semester	5-6
Catalogue Data of the Course (Course Content)	Clinical knowledge and skills in dental anaesthesia applications Observation of patient preparation, diagnosis and treatment and application of dental anaesthesia techniques in a period of 2 weeks with the number of interns determined for the groups.
Course Textbooks	Local Anaesthesia in Dentistry, Baart, Jacques A., Brand, Henk S, 2017. Malamed SF. Handbook of Local Anesthesia, 2016.
Supplementary Textbooks	Demiralp S.A. , Demiralp S. Dişhekimliğinde Anestezi, 2013.
Credit (ECTS)	1
Prerequisites for the Course (Attendance Requirements)	To have passed ANA 200- Anatomy II, FZY-200 Physiology II courses
Course Type	Vocational / Technical Compulsory Course
Language of Instruction	Turkish
Course Objectives	Learning anaesthetic substances and anaesthetic techniques before dental anaesthesia practice in dentistry. Learning systemic emergencies and necessary precautions and interventions
Course Learning Outcomes	1- Students will be able to correctly select the appropriate local anaesthetic solution for the patient with local anaesthesia and know the amount they should use. 2- When choosing the appropriate local anaesthetic solution for the patient, they know the amount of vasoconstrictor substance in the solution and the amount of application they should use. 3- He/She knows all topical anaesthesia, infiltration anaesthesia, local anaesthesia, regional anaesthesia techniques and learns the complications of infiltration anaesthesia. 4- Students will learn infiltration anaesthesia techniques and complications. 5- Students will be able to learn the techniques and complications of infiltration anaesthesia Students can decide whether sedation is required for paediatric or mentally retarded patients who come to them. 6- Students can take the necessary precautions to prevent the development of a systemic emergency in their patients during their clinical work, and if they develop, they have the knowledge to combat them.
Instruction Method (Face-to-face, Distance education etc.)	In person
Weekly Schedule of the Course	Week 1: Introduction to anaesthesia and nerve physiology Week 2: Trigeminal nerve Week 3: Trigeminal nerve Week 4: Trigeminal nerve Week 5: Trigeminal nerve Week 6: Local anaesthetic agents Week 7: Local anaesthetic agents Week 8: Indications and contraindications for local anaesthesia Week 9: Indications and contraindications for local anaesthesia Week 10: Intraoral local anaesthesia applications Week 11: Intraoral local anaesthesia applications Week 12: Intraoral local anaesthesia applications Week 13: Ability to make subcutaneous/submucosal injection Week 14: Ability to make subcutaneous/submucosal injection Week 15: Complications of local anaesthesia in dentistry Week 16: Complications of local anaesthesia in dentistry Week 17: Complications of local anaesthesia in dentistry Week 18: Allergic and toxic reactions

	Week 19: Allergic and toxic reactions Week 20: Allergic and toxic reactions Week 21: Anaphylaxis Week 22: To be able to measure and evaluate vital signs (body temperature, pulse, respiration and blood pressure) Week 23: Systemic emergencies related to local anaesthesia Week 24: Systemic emergencies related to local anaesthesia Week 25: Systemic emergencies related to local anaesthesia Week 26: To be able to remove the foreign body in the airway with appropriate manoeuvre Week 27: Conscious sedation Week 28: Conscious sedation								
Teaching Activities <i>(The time spent for the activities listed here will determine the amount of credit required)</i>	Weekly theoretical course hours: 1 week/hour (28 weeks) Weekly practical course hours: 1 week/hour (2 weeks) Reading activities: Internet search and library work: Designing and implementing materials: Making a report: Preparing and making presentations: Midterm and revision for midterm: 1 week/hour (2 weeks) Final exam and revision for final exam: 1 week/hour (1 week)								
Assessment Criteria		Number(s)	Weight (%)						
	Midterm exam	2	70						
	Assignment								
	Application								
	Project								
	Practice								
	Quiz								
	Final exam	1	30						
Total	3	100							
Workload of the Course	Activity	Number of Weeks	Duration (Weekly Hour)	End of Semester Total Workload					
	Weekly theoretical course hours	28	1	28					
	Weekly practical course hours	2	1	2					
	Reading activities								
	Internet search and library work								
	Designing and implementing materials								
	Making a report								
	Preparing and making presentations								
	Midterm and revision for midterm	2	1	2					
	Final exam and revision for final exam	1	1	1					
	Total workload			33					
	Total workload/ 25			1,32					
Course Credit (ECTS)			1						
Contribution Level between Course Outcomes and Program Outcomes	No	Program Outcomes			1	2	3	4	5
	1	He/She knows the normal structure and functions of the human body and specifically the structures and teeth in the oral region on the basis of cells, tissues, organs and systems, and their interactions with each other.							X
	2	He/She defines the causes and formation mechanisms of oral, dental and maxillofacial diseases, the symptoms, structure and							X

		function disorders and how they affect the organism.					
	3	He/She knows, comprehends, associates and evaluates the symptoms and signs, diseases and conditions and professional practices at the level determined in the national core education programme of dentistry and Gazi University Faculty of Dentistry Extended Education Programme.				X	
	4	He/She knows how to access the best current scientific evidence, evaluate its reliability and validity in line with personal learning needs.				X	
	5	He/She knows the legislation on professional legal responsibilities, deontology and ethical principles.				X	
	6	He/She knows and performs professional practices at the level determined in the national core education programme of dentistry and Gazi University Faculty of Dentistry Extended Education Programme.				X	
	7	He/She carries out diagnosis, treatment and follow-up processes by prioritising evidence-based practice, critical thinking and ethical principles.				X	
	8	He/She is aware of his/her limitations, sets personal learning goals to support his/her professional development, refers the patient to the appropriate centre when necessary.				X	
	9	He/She knows the incidence of diseases of the mouth, teeth and jaws in the community and contributes to prevention and reduction.				X	
	10	He/She behaves in accordance with the laws, regulations, legislation and ethical principles related to his/her duties and responsibilities while practising his/her profession independently.				X	
	11	He/She has teamwork and leadership skills, is a role model to colleagues and society it happens.				X	
	12	He/She plans his/her personal professional development and realises it with the principle of lifelong learning.				X	
	13	He/She establishes effective written and oral communication with patients, relatives, other health personnel, society, related sectors and media.				X	
	14	He/She will be able to use foreign language and information communication technologies follows innovations in the profession.				X	
Lecturer(s) and Contact Information	Lecturer's First/Last Name: Prof.Dr.Dilek Çankal, Prof.Dr.İnci Rana Karaca,Doç.Dr.Yeliz Kılınc E-mail address: dugar@gazi.edu.tr , incirana@gazi.edu.tr , ykilinc@gazi.edu.tr						