| 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 | Leaarning anaesthetic substances and anaesthetic techniques before dental anaesthesia practice in dentistry. Learning systemic emergencies and necessary precautions and interventions | | | | | |
| Course Learning Outcomes | 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. 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. He/She knows all topical anaesthesia, infiltration anaesthesia, local anaesthesia, regional anaesthesia techniques and learns the complications of infiltration anaesthesia. Students will learn infiltration anaesthesia techniques and complications. 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. 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: Trigeminaş nerve Week 5: Trigeminaş 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, | | | | | | | | | | | |
| | | | | | | | | | | sc, | | |
| | respiration and blood pressure) Week 23: Systemic emergencies related to local anaesthesia | | | | | | | | | | | |
| | Week 24: Systemic | | | | | | | | | | | |
| | Week 25: Systemic | | | | | | | | | | | |
| | Week 26: To be a | | | | | | with | appro | priate | | | |
| | manoeuvre | | | | | | | | | | | |
| | Week 27: Conscion | | | | | | | | | | | |
| | Week 28: Conscious sedation Weekly theoretical course hours: 1 week/hour (28 weeks) | | | | | | | | | | | |
| | Weekly practical co | | | | |) | | | | | | |
| Teaching Activities | Reading activities: | ourse nour | is.i wcck/i | ioui (2 v | vecks) | | | | | | | |
| (The time spent for the | Internet search and | library w | ork: | | | | | | | | | |
| activities listed here will | Designing and impl | | | | | | | | | | | |
| determine the amount of | Making a report: | | | | | | | | | | | |
| credit required) | Preparing and maki | ing presen | ntations: | | | | | | | | | |
| | Midterm and revisi | | | | | | | | | | | |
| | Final exam and rev | ision for f | | | hour (1 w | | 1 / /0 | | | | | |
| | | | Number(| s) | | Weig | ght (9 | /o) | | | | |
| | Midterm exam | | 2 | | | | 70 | | | | | |
| | | | | | | | 70 | | | | | |
| Assessment Criteria | Assignment | | | | | | | | | | | |
| | Application | | | | | | | | | | | |
| | Project | | | | | | | | | | | |
| | Practice | | | | | | | | | | | |
| | Quiz Final exam 1 | | 1 | 30 | | | | | | | | |
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| | | function disorders and how they affect the | | | | | | |
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| | | 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 | | X | | | | |
| | | education programme of dentistry and Gazi | | | | | | |
| | | University Faculty of Dentistry Extended Education Programme. | | | | | | |
| | | He/She knows how to access the best current scientific evidence, evaluate its reliability | | X | | | | |
| | | and validity in line with personal learning needs. | | | | | | |
| | 5 | He/She knows the legislation on professional legal responsibilities, deontology and ethical | | X | | | | |
| | | principles. He/She knows and performs professional | | | | | | |
| | 6 | practices at the level determined in the national core education programme of | | X | | | | |
| | | dentistry and Gazi University Faculty of Dentistry Extended Education Programme. | | | | | | |
| | | He/She carries out diagnosis, treatment and | | | | | | |
| | 7 | follow-up processes by prioritising evidence- based practice, critical thinking and ethical | | X | | | | |
| | | principles. He/She is aware of his/her limitations, sets | | | | | | |
| | 8 | 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 F | irst/Last Name: Prof.Dr.Dilek Çankal, Prof.Dr.İı | nci Rana | | | | | |
| Lecturer(s) and Contact Information | Karaca,Doç.Dr.Yeliz Kılınç | | | | | | | |
| intol mation | E-mail address: dugar@gazi.edu.tr, <u>incirana@gazi.edu.tr</u> , ykilinc@gazi.edu.tr | | | | | | | |