| COURSE DESCRIPTION FORM | |
|---|---|
| **Course Code and Name** | DHF4242 Evidence-Based Dentistry |
| **Course Semester** | 8 |
| **Catalogue Data of the Course** (*Course Content*) | Evidence Based Dentistry Practices |
| **Course Textbooks** | Alpaslan C. Ağız,Diş ve Çene Cerrahisi: Kanıta dayalı tanı ve tedavi yöntemleri, Quintessence, 2018.<br>Alpaslan C. Dişhekimliğinde Kullanılan İlaçlar, Atlas Yayınevi ,2006. |
| **Supplementary Textbooks** | Ellis E, Hupp Jr. Contemporary Oral and Maxillofacial Surgery, 2018. |
| **Credit** (*ECTS*) | 1 |
| **Prerequisites for the Course** (*Attendance Requirements*) | Compulsory attendance<br>Submitting the assigned homework on time |
| **Course Type** | Mandatory |
| **Language of Instruction** | Turkish |
| **Course Objectives** | To learn the knowledge and skills of accessing the best scientific evidence, critically evaluating the evidence and transferring it to clinical practice<br><br>More self-directed learning for evidence-based approach<br><br>To maintain knowledge and skills in the process of lifelong learning<br><br>To observe continuously and to develop own clinical practice |
| **Course Learning Outcomes** | 1. He/she knows the hierarchy of evidence.<br>2. He/She knows how to access articles with high evidence quality related to diagnosis and treatment options in the literature.<br>3.He/She knows how to filter in Pub Med and access articles with high evidence quality.<br>4. He/She knows how to integrate research findings with high evidence quality into the clinical case. |
| **Instruction Method** (*Face-to-face, Distance education etc.*) | Face to face, flipped classroom method |
| **Weekly Schedule of the Course** | Week 1. Evidence Based Practice (EBP) and its basic principles<br>Week 2. Ethical principles including shared decision-making in KDU<br>Week 3. Misleading and bias in scientific research<br>Week 4. Research designs<br>Week 5. Different research designs to answer the clinical question, their strengths and limitations<br>Week 6. Basic features of randomised controlled trials such as allocation to groups, concealment, blinding, bioethics and probability<br>Week 7. Creating a searchable question in PICO format according to the patient scenario and identify the best research designs to answer clinical questions<br>Week 8. Name of different digital information search systems, level of evidence; searching digital databases according to the created PICO question<br>Searching PubMed and Cochrane Library, MESH terms and Boolean functions<br>Week 10. Homework presentation and discussion<br>Week 11. Homework presentation and discussion<br>Week 12. Homework presentation and discussion<br>Week 13. Homework presentation and discussion<br>Week 14. Homework presentation and discussion |
| **Teaching Activities** (*The time spent for the activities listed here will*) | Weekly theoretical course hours<br>Weekly practical course hours<br>Reading activities<br>Internet search and library work |

| *determine the amount of credit required)* | Designing and implementing materials<br>Making a report:1 week/hour<br>Preparing and making presentations:<br>Midterm and revision for midterm:1 week/hour<br>Final exam and revision for final exam:1 week/hour (1 week) | | |
|---|---|---|---|

| | | Number(s) | Weight (%) |
|---|---|---|---|
| **Assessment Criteria** | Midterm exam | 1 | 50 |
| | Assignment | 2 | 50 |
| | Application | | |
| | Project | | |
| | Practice | | |
| | Quiz | | |
| | Ratio of Semester Studies to Yearly Achievement (%) | | 60 |
| | Ratio of Final to Success | | 30 |
| | Attendance Status | | 10 |
| | TOTAL | | 100 |

| | Activity | Number of Weeks | Duration (Weekly Hour) | End of Semester Total Workload |
|---|---|---|---|---|
| **Workload of the Course** | Weekly theoretical course hours | 14 | 1 | 14 |
| | Weekly practical course hours | | | |
| | Reading activities | | | |
| | Internet search and library work | 6 | 1 | 6 |
| | Designing and implementing materials | | | |
| | Making a report | 6 | 1 | 6 |
| | Preparing and making presentations | 1 | 1 | 1 |
| | Midterm and revision for midterm | | | |
| | Final exam and revision for final exam | 1 | 1 | 1 |
| | Total workload | | | 28 |
| | Total workload/ 25 | | | |
| | Course Credit (ECTS) | | | 1 |

| | No | Program Outcomes | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|---|
| **Contribution Level between Course Outcomes and Program Outcomes** | 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. | | | | |
| | 2 | He/She defines the causes and formation mechanisms of oral, dental and maxillofacial diseases, the symptoms, structure and 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. | | | | |
| | 4 | He/She knows how to access the best current scientific evidence, evaluate its reliability | x | x | x | x |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | and validity in line with personal learning needs. | | | | | |
| | 5 | He/She knows the legislation on professional legal responsibilities, deontology and ethical principles. | | | | | |
| | 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. | | | | | |
| | 7 | He/She carries out diagnosis, treatment and follow-up processes by prioritising evidence-based practice, critical thinking and ethical principles. | x | x | x | 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 | x | x | x | |
| | 9 | He/She knows the incidence of diseases of the mouth, teeth and jaws in the community and contributes to prevention and reduction. | | | | | |
| | 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. | | | | | |
| | 11 | He/She has teamwork and leadership skills, is a role model to colleagues and society it happens. | | | | | |
| | 12 | He/She plans his/her personal professional development and realises it with the principle of lifelong learning. | | | | | |
| | 13 | He/She establishes effective written and oral communication with patients, relatives, other health personnel, society, related sectors and media. | | | | | |
| | 14 | He/She will be able to use foreign language and information communication technologies follows innovations in the profession. | x | x | x | x | |

| Lecturer(s) and Contact Information | Lecturer's First/Last Name: Prof.Dr.Cansu Alpaslan<br><br>E-mail address: cansu@gazi.edu.tr |
|---|---|