Dentistry (English)			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

Course Introduction and Application Information

Course Code:	DENT325
Course Name:	Oral & Maxillofacial Surgery Preclinic
Semester:	Fall
Course Credits:	ECTS: 2
Language of instruction:	English
Course Condition:	
Does the Course Require Work Experience?:	No
Type of course:	Compulsory Courses
Course Level:	Bachelor | TR-NQF-HE:6. Master`s Degree | QF-EHEA:First Cycle | EQF-LLL:6. Master`s Degree
Mode of Delivery:	Face to face
Course Coordinator:	Dr. Öğr. Üy. İPEK NECLA GÜLDİKEN
Course Lecturer(s):	Ipek Necla Güldiken, Kerem Dedeoğlu
Course Assistants:	

Course Objective and Content

Course Objectives:	The objective of the "Pre-clinical Oral Surgery Training" course is to equip students with fundamental hands-on skills and knowledge pertaining to oral surgical procedures. Through simulated practice on phantom heads, students are prepared for real-life surgical situations, ensuring they become proficient in basic techniques and can safely manage potential complications.

Course Content:	The "Pre-clinical Oral Surgery Training" course immerses students in the essential techniques of oral surgery through hands-on practice using phantom heads. The curriculum covers foundational surgical instrument handling, tooth extraction techniques, suturing methods, management of orofacial pathologies, and post-operative care. The course culminates with a practical examination, ensuring students are well-prepared for real-life oral surgical procedures.

Learning Outcomes

The students who have succeeded in this course;
1) Familiarizing students with the pre-clinical setup, equipment, and the importance of phantom head practice
2) Teaching students the correct methods of handling and manipulating surgical instruments in a controlled environment
3) Providing hands-on experience on tooth extraction techniques
4) Instructing students on various suturing techniques in a simulated environment
5) Simulating the process of diagnosing and treating impacted teeth
6) Training students on the simulated management of orofacial infections
7) Allowing students to practice biopsy techniques safely
8) Simulating the administration of local anesthesia, emphasizing safety and efficiency
9) Giving an overview of more advanced procedures they will encounter in future studies
10) Simulating scenarios of maxillofacial trauma and its management
11) Introducing students to the diagnosis and basic management of oral pathologies using simulation
12) Educating students on the essential care procedures following oral surgical operations
13) Preparing students to recognize, prevent, and manage potential complications in oral surgery through simulation
14) Reviewing the skills acquired during the course, address any questions, and provide feedback to students for improvement
15) Assessing students' hands-on skills and competencies acquired during the semester

Course Flow Plan

Week	Subject	Related Preparation
1)	Introduction to Phantom Heads and Pre-clinical Practice	textbooks
2)	Basic Surgical Instrument Handling on Phantom	
3)	Tooth Extractions on Phantom Models	
4)	Suturing Techniques on Phantom	
5)	Management of Impacted Teeth: Simulation	
5)	Management of Impacted Teeth: Simulation	
6)	Orofacial Infections: Diagnosis and Treatment Simulation	
7)	Biopsy Techniques on Phantom Heads	

8)	Local Anesthesia Techniques: Simulation	
9)	Maxillofacial Trauma: Diagnostic and Treatment Simulation	
10)	Cysts and Tumors of the Oral Cavity: Diagnosis and Intervention on Phantom	
11)	Post-operative Care and Management in Oral Surgery /	
12)	Complications in Oral Surgery: Simulation and Management	
13)	Assessment and Feedback Session	
14)	Assessment and Feedback Session	
15)	Practical Examination on Phantom Head	

Sources

Course Notes / Textbooks:	-Oral Surgery for Dental Students A Quick Reference Guide Jeffrey A. Elo, Alan S. Herford -Fonseca RJ Marciani RD Turvey TA. Oral and Maxillofacial Surgery. 2nd ed. St. Louis Mo: Saunders/Elsevier; 2009.
References:	-Oral Surgery for Dental Students A Quick Reference Guide Jeffrey A. Elo, Alan S. Herford -Fonseca RJ Marciani RD Turvey TA. Oral and Maxillofacial Surgery. 2nd ed. St. Louis Mo: Saunders/Elsevier; 2009.

Course - Program Learning Outcome Relationship

Course Learning Outcomes	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
Program Outcomes															
1) Has basic and up-to-date knowledge in the field of dentistry, follows scientific publications, and applies evidence-based data to his/her															

professional practice.

Course Learning Outcomes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2) Knows well and effectively uses devices, tools, and materials specific to diagnosis and treatment in the field of dentistry.															
3) Evaluates the knowledge in the field of dentistry critically, integrates it with the knowledge of disciplines in the field of health, uses it by analyzing and synthesizing it.															
4) Produces projects related to the field of dentistry, can work with other health disciplines, takes part as a member of the research team and evaluates and reports the results obtained at a scientific level.															
5) Uses information that will contribute to the dentistry profession during practice, takes responsibility, and produces solutions in unforeseen situations.															
6) Shares, compares, and exchanges dental knowledge with professional colleagues in social and scientific environments in written, verbal, and visual forms.															
7) Within the framework of social, scientific, and															

Course Learning Outcomes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ethical values including patient privacy, communicates with patients and their relatives, knows all the characteristics of the patient, and recommends the most appropriate treatment with a patient-centered approach.															
8) Follows technological developments, participates in national and international studies, and shares and presents own observations, experiences, and research to further advance dental practices.															
9) By adopting the principle of lifelong learning throughout the dentistry profession, follows current evidence-based dental knowledge and uses it during his professional practice.															
10) During dental practice, in cases such as abuse and addiction, performs the treatment by exhibiting the behaviors required by social ethics and legal rules, and collects and records the relevant data.															
11) Uses basic and current knowledge in the field of dentistry during professional practice for the benefit of society															

within the framework of national values and country realities.

Course Learning Outcomes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
12) In natural disasters and emergency cases, takes the protective measures required by the dentistry profession; performs professional practices that benefit patients and society															
13) Generates ideas regarding health policy in dentistry, prioritizes individual and public health, and carries out preventive and therapeutic medical practices within the framework of scientific, ethical, and quality processes.															
14) Differentiates the signs and symptoms commonly encountered in the dentistry profession, makes a treatment plan and refers when necessary, and manages diseases and clinical situations regarding their urgency and patient priority.															
15) Can assume the leadership responsibility of the team he/she works for, manage it following scientific criteria, and support the professional development of the team.															

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Has basic and up-to-date knowledge in the field of dentistry, follows scientific publications, and applies evidence-based data to his/her professional practice.	
2)	Knows well and effectively uses devices, tools, and materials specific to diagnosis and treatment in the field of dentistry.	
3)	Evaluates the knowledge in the field of dentistry critically, integrates it with the knowledge of disciplines in the field of health, uses it by analyzing and synthesizing it.	
4)	Produces projects related to the field of dentistry, can work with other health disciplines, takes part as a member of the research team and evaluates and reports the results obtained at a scientific level.	
5)	Uses information that will contribute to the dentistry profession during practice, takes responsibility, and produces solutions in unforeseen situations.	
6)	Shares, compares, and exchanges dental knowledge with professional colleagues in social and scientific environments in written, verbal, and visual forms.	
7)	Within the framework of social, scientific, and ethical values including patient privacy, communicates with patients and their relatives, knows all the characteristics of the patient, and recommends the most appropriate treatment with a patient-centered approach.	
8)	Follows technological developments, participates in national and international studies, and shares and presents own observations, experiences, and research to further advance dental practices.	
9)	By adopting the principle of lifelong learning throughout the dentistry profession, follows current evidence-based dental knowledge and uses it during his professional practice.	
10)	During dental practice, in cases such as abuse and addiction, performs the treatment by exhibiting the behaviors required by social ethics and legal rules, and collects and records the relevant data.	
11)	Uses basic and current knowledge in the field of dentistry during professional practice for the benefit of society within the framework of national values and country realities.	
12)	In natural disasters and emergency cases, takes the protective measures required by the	

	dentistry profession; performs professional practices that benefit patients and society	
13)	Generates ideas regarding health policy in dentistry, prioritizes individual and public health, and carries out preventive and therapeutic medical practices within the framework of scientific, ethical, and quality processes.	
14)	Differentiates the signs and symptoms commonly encountered in the dentistry profession, makes a treatment plan and refers when necessary, and manages diseases and clinical situations regarding their urgency and patient priority.	
15)	Can assume the leadership responsibility of the team he/she works for, manage it following scientific criteria, and support the professional development of the team.	

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Midterms	1	% 40
Final	1	% 60
total		**% 100**
PERCENTAGE OF SEMESTER WORK		% 40
PERCENTAGE OF FINAL WORK		% 60
total		**% 100**

Workload and ECTS Credit Calculation

Activities	Number of Activities	Preparation for the Activity	Spent for the Activity Itself	Completing the Activity Requirements	Workload
Laboratory	39	0	1		39
Midterms	1	0	1		1
Final	1	0	1		1
Total Workload					**41**