



12

Syllabus for academic year: 2021/2022 Training cycle: 2018/2019-2022/2023													
Description of the course													
Course	Dental Surgery										Group of detailed education results		
											Group code F	Group name SPECIALISED CLINICAL SCIENCES (SURGICAL)	
Faculty	Dentistry												
Major	dentistry												
Level of studies	X uniform magister studies												
Form of studies	X full-time X part-time												
Year of studies	IV						Semester:		X winter X summer				
Type of course	X obligatory												
Language of study	X English												
Number of hours													
Form of education													
	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
Winter semester:													
Department of Oral Surgery (Unit realizing the course)													
Direct (contact) education					75								
Distance learning	15												
Summer semester:													
Department of Oral Surgery (Unit realizing the course)													
Direct (contact) education					75								
Distance learning	15												
TOTAL per year:													

Department of Oral Surgery (Unit realizing the course)														
Direct (contact) education				150										
Distance learning	30													

Educational objectives

- C1. Practical examination of the patient (medical and physical examination) and analysis of imaging and additional examinations.
- C2. Diagnosing diseases of the oral cavity and establishing a treatment plan. Qualifying patients for surgical treatment in the operating room.
- C3. Learning to perform local anesthesia and tooth extraction.
- C4. Use of pre- and post-operative pharmacotherapy, in particular the prevention and treatment of infections, analgesic therapy and prophylaxis of intra- and post-operative bleeding
- C5. Learning to establish and maintain deep and respectful contact with the patient, be guided by the good of the patient, respect medical confidentiality and patient rights

Education result for course in relation to verification methods of the intended education result and the type of class:

Number of detailed education result	Student who completes the course knows/is able to	Methods of verification of intended education results	Form of didactic class <i>*enter the abbreviation</i>
F. W2	In terms of knowledge, the graduate knows and understands rules of conduct for preventive and curative treatment in diseases of the masticatory organ at different stages of development	Test, oral answer	L, CC
F. W4	In terms of knowledge, the graduate knows and understands symptoms, course and management of specific oral, head and neck diseases, taking into account patient age groups	Test, oral answer	L, CC
F. W5	In terms of knowledge, the graduate knows and understands principles of handling pulp and mineralised tooth tissue diseases, as well as trauma to the teeth and facial bones	Test, oral answer	L, CC
F. W6	In terms of knowledge, the graduate knows and understands principles of handling periapical tissue diseases;	Test, oral answer	L, CC
F. W8	In terms of knowledge, the graduate knows and understands principles of handling cysts, precancerous conditions, and head and neck cancers;	Test, oral answer	L, CC
F. W10	In terms of knowledge, the graduate knows and understands indications and contraindications for treatment with the use of dental implants;	Test, oral answer	L, CC
F. W11	In terms of knowledge, the graduate knows and understands indications and contraindications for cosmetic dentistry procedures;	Test, oral answer	L, CC
F. W12	In terms of knowledge, the graduate knows and understands the causes of complications of the stomatognathic system diseases and the principles of handling such complications;	Test, oral answer	L, CC



F. W13	In terms of knowledge, the graduate knows and understands fundamentals of antibiotic therapy and antimicrobial resistance;	Test, oral answer	L, CC
F. W15	In terms of knowledge, the graduate knows and understands the therapeutic methods of reducing and enduring pain and reducing anxiety and stress;	Test, oral answer	L, CC
F. W16	In terms of knowledge, the graduate knows and understands the principles of anaesthesia in dentistry procedures and the basic pharmaceuticals;	Test, oral answer	L, CC
F. W19	In terms of knowledge, the graduate knows and understands the pathomechanism of the influence of oral cavity diseases on general health;	Test, oral answer	L, CC
F. W20	In terms of knowledge, the graduate knows and understands the pathomechanism of the effects of general diseases or applied therapies on the oral cavity;	Test, oral answer	L, CC
F. U1	In terms of skills, the graduate is able to take medical history from the patient or his/her family;	implementation of the commissioned task	CC
F. U2	In terms of skills, the graduate is able to perform a physical examination of the patient;	implementation of the commissioned task	CC
F. U3	In terms of skills, the graduate is able to explain to the patient the nature of their health issues, determine a method of treatment that is confirmed by the patient's informed consent and make a prognosis	implementation of the commissioned task	CC
F. U5	In terms of skills, the graduate is able to collect and secure material for diagnostic tests, including cytological tests;	implementation of the commissioned task	CC
F. U6	In terms of skills, the graduate is able to interpret the results of additional tests and consultations;	implementation of the commissioned task	CC
F. U7	In terms of skills, a graduate is able to determine indications and contraindications for performing specific dental procedures;	implementation of the commissioned task	CC
F. U8	In terms of skills, the graduate is able to provide treatment for acute and chronic, odontogenic and non-odontogenic inflammatory processes of the oral cavity soft tissues, periodontium, and jawbone;	implementation of the commissioned task	CC
F. U9	In terms of skills, a graduate is able to handle local and systemic complications that may occur during and after dental procedures;	implementation of the commissioned task	CC
F. U10	In terms of skills, the graduate is able to prescribe drugs taking into account their interactions and side effects;	implementation of the	CC

		commissioned task	
F. U11	In terms of skills, the graduate is able to handle the patient's current medical record, write referrals for tests or specialist dental or general medical treatment;	implementation of the commissioned task	CC
F. U16	In terms of skills, the graduate is able to apply appropriate medicines during and after a dental procedure to relieve pain and anxiety;	implementation of the commissioned task	CC

* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning

Student's amount of work (balance of ECTS points):

Student's workload (class participation, activity, preparation, etc.)	Student Workload
1. Number of hours of direct contact:	150
2. Number of hours of distance learning:	30
3. Number of hours of student's own work:	50
4. Number of hours of directed self-study	
Total student's workload	230
ECTS points for course	7

Content of classes:

Lectures

1. Introduction to dental surgery. Methods, indications and contraindications as well as complications during and after tooth extraction (2 hours)
2. Root residue. Bad teeth (2 hours)
3. Treatment of implants and tooth transplants (2 hours)
4. Replantation. Transplantation. Implantation (2 hours)
5. Principles of rational antibiotic therapy in dentistry. Bleeding (2 hours)
6. Acute odontogenic inflammatory processes of soft tissues and bones (2 hours)
7. Chronic inflammatory processes of soft tissues and bones (2 hours)
8. Treatment of cysts of soft tissues and bones. Surgical procedures in chronic inflammatory processes. (2 hours)
9. Disease of the lymph nodes (2 hours)
10. Diseases of the salivary glands (2 hours)
11. Diseases of maxillary sinuses (2 hours)
12. Mucogingival surgery (2 hours)
13. Treatments for prosthetic indications (2 hours)
14. Principles of implant prosthetics (2 hours)
15. Benign neoplasms of the oral cavity (2 hours)

Seminars

Classes

1. Anesthesia, tooth extraction technique (5 hours)
2. Traditional and atraumatic technique of tooth extraction (5 hours)
3. Indications and contraindications for extraction (5 hours)

4. Complications during and after extraction (5 hours)
5. Bleeding (5 hours)
6. Principles and types of cuts in dental surgery (5 hours)
7. Surgical tooth extraction (5 hours)
8. Difficulties eruption of permanent and deciduous teeth, radiological diagnostics, clinical management. (5 hours)
9. Affordable teeth, re-inclusions (5 hours)
10. Acute complications of dental pulp gangrene (5 hours)
11. Chronic periapical inflammations (5 hours)
12. Chronic odontogenic inflammatory processes in bones and soft tissues (5 hours)
13. Surgical procedures in chronic inflammatory processes (5 hours)
14. Management of a patient burdened with general diseases (5 hours)
15. Acute and chronic specific inflammations (5 hours)
16. Resection procedures in chronic inflammatory processes (5 hours)
17. Anatomy and diseases of the craniofacial lymph nodes (5 hours)
18. Diseases of the salivary glands (5 hours)
19. Anatomy and diseases of the temporomandibular joint (5 hours)
20. Anatomy of the maxillary sinus (5 hours)
21. Clinical classes with patients (50 hours)

Other

Basic literature

1. Chiapasco M. Manual Of Oral Surgery. Third Edition. Edra, 2018
2. Peterson's Principles of Oral and Maxillofacial Surgery 2011
3. Fragiskos D.F. Oral surgery. Springer, 2007.

Additional literature and other materials

1. Stanley F.Malamed.: Handbook of local anesthesia.2004, Elsevier Mosby
2. Pedlar J., Frame J.: Oral and Maxillofacial Surgery an objective-based textbook.2007,Churchill Livingstone Elsevier
3. Wray D. [et al.]: Textbook of general and oral surgery. Churchill Livingstone

Preliminary conditions:

Passing the course of Preclinical Dental Surgery and Dental Radiology in the 3rd year

Conditions to receive credit for the course:

The condition for passing the course is to obtain positive grades in colloquiums, tests and oral answers during the semester and a positive assessment of the student's practical skills issued by the tutor (completion of the required clinical procedures).

Grade:	Criteria for courses ending with a grade
Very Good (5.0)	Arithmetic mean 4.7 - 5.0 of the test marks
Good Above (4.5)	Arithmetic mean 4.5 – 4.7 of the test marks
Good (4.0)	Arithmetic mean 4.0 - 4.4 of the test marks
Satisfactory Plus (3.5)	Arithmetic mean 3.5 - 3.9 of the test marks
Satisfactory (3.0)	Arithmetic mean 3.0 - 3.4 of the test marks

Unit realizing the course:	Chair and Department of Oral Surgery – Wrocław Medical University
Unit address:	26 Krakowska Street , 50-425 Wrocław
Telephone:	71 7840251, Fax: 71 7840253
E-Mail:	chir.stom@umed.wroc.pl

Person responsible for the course:	Prof. dr hab. Marzena Dominiak
Telephone:	71 7840251
E-Mail:	Marzena.dominiak@umed.wroc.pl

List of persons conducting specific classes:

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Marzena Dominiak	Prof. dr hab.	Medical sciences	Professor	Clinical classes, seminars
Tomasz Gedrange	Prof. dr hab.	Medical sciences	Professor	Clinical classes, seminars
Kamil Jurczyszyn	dr hab.	Medical sciences	Lecturer	Clinical classes
Paweł Kubasiewicz-Ross	dr hab.	Medical sciences	Lecturer	Clinical classes
Artur Błaszczyszyn	dr n. med.	Medical sciences	Lecturer	Clinical classes
Olga Szachnowska	dr n. med.	Medical sciences	Adiunkt	Clinical classes
Jakub Hadzik	dr n. med.	Medical sciences	Assistant	Clinical classes
Dorota Mierzwa	dr n. med.		Assistant	Clinical classes
Maciej Krawiec	lek. dent.		Assistant	Clinical classes
Anna Smulczyńska-Demel	lek. dent.		Assistant	Clinical classes
Artur Pitufaj	lek. dent.	Medical sciences	Assistant	Clinical classes
Paweł Popecki	lek. dent.		Assistant	Clinical classes
Jan Kiryk	lek. dent.		Assistant	Clinical classes
Filip Michalak	lek. dent.		Assistant	Clinical classes
Barbara Sterczała	lek. dent.	Medical sciences	Assistant	Clinical classes
Mateusz Trafalski	lek. dent.	Medical sciences	Assistant	Clinical classes
Klaudia Kazubowska	lek. dent.		Assistant	Clinical classes
Konstanty Sławecki	lek. dent.		Assistant	Clinical classes
Daniel Selahi	lek. dent.		Assistant	Clinical classes
Sebastian Dominiak	lek. dent.		Assistant	Clinical classes



Date of Syllabus development

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Syllabus developed by

Uniwersytet Medyczny we Wrocławiu
KATEDRA I ZAKŁAD
CHIRURGII STOMATOLOGICZNEJ
adjunkt dydaktyczny ED.....

lek. dent. Artur Pitulaj

Uniwersytet Medyczny we Wrocławiu
KATEDRA I ZAKŁAD CHIRURGII
STOMATOLOGICZNEJ
Kierownik

prof. dr hab. Marzena Dominiak

Signature of Head(s) of teaching unit(s)

.....

Dean's signature
Uniwersytet Medyczny we Wrocławiu
WYDZIAŁ
LEKARSKO-STOMATOLOGICZNY
DZIEKAN

prof. dr hab. Marcin Mikulewicz

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