



Syllabus for 2022/2023 academic year Learning cycle: 2019/2020 – 2023/2024			
Description of the course			
Course	(in Polish) Chirurgia stomatologiczna	Group of specific learning outcomes	
	(in English) Dental Surgery	Class group (group code) F	Group name Specialised Clinical Sciences (Interventional)
Faculty	English Division, Faculty of Dentistry		
Major	Faculty of Dentistry		
Level of studies	<input checked="" type="checkbox"/> uniform Master's degree studies <input type="checkbox"/> First-level <input type="checkbox"/> Second-level <input type="checkbox"/> Third-level <input type="checkbox"/> Postgraduate studies		
Mode of study	<input checked="" type="checkbox"/> full-time <input checked="" type="checkbox"/> part-time		
Year of studies	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6	Semester	<input checked="" type="checkbox"/> winter <input checked="" type="checkbox"/> summer
Type of course:	<input checked="" type="checkbox"/> mandatory <input type="checkbox"/> free choice / elective		
Language of instruction	<input type="checkbox"/> Polish <input checked="" type="checkbox"/> English		

Number of hours													
Course delivery method													
	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Non-clinical Classes (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)	Guided Self-directed Learning (GSL)	E-learning (EL)
Winter semester:													
Chair and Department of Oral Surgery													
Direct learning					75								
Remote learning	15												
Summer semester:													
Chair and Department of Oral Surgery													
Indirect learning					75								
Remote learning	15												

Total per year:													
Chair and Department of Oral Surgery													
Indirect learning				150									
Remote learning	30												

Educational objectives: (max. 6 items)			
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			
Learning outcomes for the course in relation to methods of verifying the intended learning outcomes and the course delivery method:			
Number of the specific learning outcome	Student who completes the module/course knows/is able to	Methods of verification of intended learning outcomes	Form of teaching <i>* enter the symbol</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 commissioned task	CC
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 Non-clinical Classes; CC - Clinical Classes; LC - Laboratory Classes; CS - Classes in Simulated Conditions; PP - Practical Classes with Patient; FLC - Foreign Language Course ; PE - Physical Education; VP - Vocational Practice; GSL - Guided Self-directed learning; EL - E-learning			

Student' s amount of work (balance of ECTS points):	
Student's workload (class participation, activity, preparation etc.)	Student's hourly workload
1. Hours of direct learning:	150
2. Hours of remote learning:	30
3. Hours of student's individual work:	30
4. Hours of self-directed learning:	
Summary of the student's workload:	210
Module/course ECTS value:	7

Course content: (please enter keywords describing the topic of each session, categorised by the form of teaching, making sure that it translates into the intended learning outcomes)
<p>Lectures</p> <ol style="list-style-type: none"> 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) <p>Practical classes</p> <ol style="list-style-type: none"> 1. Indications and contraindications for extraction; complications during and after tooth extraction. (5 hours) 2. Local and general anesthesia in the dentist's office; Premedication in dentistry (5 hours) 3. Antimicrobial chemotherapeutic agents in dental surgery; antibiotic prophylaxis in dental surgery (5 hours) 4. Pharmacotherapy of pain; disinfectants used in dental surgery (5 hours) 5. Pharmacological support of hemostasis in dental surgery (5 hours) 6. Preparation of a patient with general diseases for a dental procedure (10 hours) 7. Emergencies in a dentist's office (5 hours) 8. Emergency pharmacotherapy; allergic reactions in dentistry (5 hours) 9. Wounds in dentistry: types, principles of healing, methods of wound care; techniques for cutting soft tissues and flap preparation (5 hours)

10. Afflicted teeth; autotransplantation and planned tooth reimplantation (5 hours)
11. Endodontic surgery; Surgical procedures supporting orthodontic treatment (5 hours)
12. Acute inflammation of soft tissues: pathomorphology of inflammation; intraoral abscesses
13. Acute inflammation of soft tissues: extraoral abscesses; phlegmon; complications of purulent inflammatory processes in the face (5 hours)
14. Acute and chronic non-specific osteitis of the jaws; bone necrosis (5 hours)
15. Specific inflammations: actinomycosis, tuberculosis, syphilis (5 hours)
16. Fungal infections of the mucous membranes and maxillary sinus; granulomatous diseases; focal diseases (5 hours)
17. Anatomy and diseases of the head and neck lymph nodes; Langerhans cell histiocytosis (5 hours)
18. Anatomy and diseases of the maxillary sinus (5 hours)
19. Anatomy and diseases of the salivary glands (5 hours)
20. Diagnostics and diseases of the temporomandibular joints (5 hours)
21. Diseases of the cranial nerves (5 hours)
22. Oral frenulum surgery; pre-prosthetic surgery procedures (5 hours)
23. Injuries of the teeth and the alveolar process (5 hours)
24. Clinical classes with patients (30 hours)

Mandatory literature: *(mention according to significance, no more than 3 items)*

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.

Supplementary literature and other aids: *(no more than 3 items)*

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

Prerequisites/preliminary requirements: *(minimum conditions to be met by the student before taking the course)*
 Passing the course of Pre-clinical Dental Surgery and Dental Radiology in the 3rd year

Rules for awarding component grades in the course during the semester:

Criteria for assessing colloquiums and tests:

- Very good (5.0) - 92 - 100% of possible points
- Over good (4.5) - 84 - 91 points possible
- Good (4.0) - 76 - 83 points possible
- Pretty good (3.5) - 68 - 75 points possible
- Satisfactory (3.0) - 60 - 67 possible points

Oral response criteria:

- Very good (5.0) - composing and articulating an independent statement on a given topic in a way that demonstrates full understanding of the question and knowledge of the topic; thorough discussion of the issue; no content and terminological errors
- Over good (4.5) - composing and articulating an independent statement on a given topic in a way that demonstrates full understanding of the question and knowledge of the topic; full coverage of the issue; no content and terminological errors
- Good (4.0) - composing and articulating an independent statement on a given topic in a way that demonstrates full understanding of the question and knowledge of the topic; full coverage of the issue; minor factual and / or terminological errors
- Fairly good (3.5) - attempting to compose and articulate an independent statement on a given topic in a way that proves that the question has been understood at least partially and that the topic is known; comprehensive, though superficial, discussion of the issue; minor factual and / or terminological errors
- Sufficient (3.0) - attempting to compose and articulate an independent statement on a given topic in a way that proves at

least partial understanding of the question and knowledge of the topic; partial discussion of the issue; minor factual and / or terminological errors Insufficient (2.0) - failure to meet the appropriate criteria for the assessment: satisfactory (3.0) Passing practical procedures: Performing the procedures prescribed by the teacher, under his supervision, in the correct manner	
Requirements to pass 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:	Course credit evaluation criteria
Very good (5.0) [bardzo dobra]	Arithmetic mean 4.7 - 5.0 of the test results, oral answers and presentation of the practical abilities.
Good plus (4.5) [dobry plus]	Arithmetic mean 4.5 – 4.7 of the test results, oral answers and presentation of the practical abilities.
Good (4.0) [dobra]	Arithmetic mean 4.0 - 4.4 of the test results, oral answers and presentation of the practical abilities.
Satisfactory plus (3.5) [dostateczny]	Arithmetic mean 3.5 - 3.9 of the test results, oral answers and presentation of the practical abilities.
Satisfactory (3.0) [dostateczny]	Arithmetic mean 3.0 - 3.4 of the test results, oral answers and presentation of the practical abilities.

Name(Name of the teaching unit)	Chair and Department of Oral Surgery – Wrocław Medical University
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Course coordinator:	
Phone number:	
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CONSULTATIONS: detailed information on the dates and places of academic staff consultations is available on the websites of individual organizational units of the University conducting classes in a given subject and in showcases next to the secretariats.

Syllabus preparation date
20.08.2022