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Syllabus for academic year: 2021/2022													
Training cycle: 2017/2018 - 2021/2022													
Description of the course													
Course	Implantology										Group of detailed education results		
											Group code	Group name	
											F	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	V										Semester:	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)
Summer semester:													
Department of Oral Surgery (Unit realizing the course)													
Direct (contact) education					25								
Distance learning													
Educational objectives													
C1. Treatment planning. Practical learning of independent planning of implant treatment based on the patient's clinical examination and additional tests.													
C2. To acquaint students with the structure and types of implants. Practical learning to recognize and use specialized tools. Proper preparation of the position. Learning work techniques.													
C3. Biological basis. Acquainting students with the biological foundations of osseointegration of dental implants and familiarizing students with biomaterials used in implant treatment.													
C4. Augmentation procedures in implantology. To familiarize students with the surgical procedures accompanying and preparing for implantological treatment, in particular the augmentation of hard and soft tissues.													

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. W10	In terms of knowledge, the graduate knows and understands indications and contraindications for treatment with the use of dental implants	Test, oral answer	CC
F. W11	In terms of knowledge, the graduate knows and understands indications and contraindications for cosmetic dentistry procedures	Test, oral answer	CC
F. W12	In terms of knowledge, the graduate knows and understands the causes of complications of stomatognathic system diseases and the principles of handling such complications	Test, oral answer	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:	25
2. Number of hours of distance learning:	
3. Number of hours of student's own work:	10
4. Number of hours of directed self-study	
Total student's workload	35
ECTS points for course	1,5

Content of classes:

Classes

1. Basics of craniofacial anatomy and dental radiology; Implant types and structure; Implantology instruments; Interpretation of additional tests. Treatment planning based on CBCT and clinical trial. (5 hours)
2. Classification of implants. Osseointegration of implants. Indications and contraindications for implantation. The technique of the procedure. Implant insertion procedure. (5 hours)
3. Biomaterials in dentistry. Procedures preparing and accompanying implant treatment. (5 hours)
4. Augmentation procedures in implantology. (5 hours)
5. Implant prosthetics. (5 hours)

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: Completion of the Dental Surgery course in semester IX.
Conditions to receive credit for the course The condition for completing the course is obtaining positive grades from tests and oral answers during the semester.

	Criteria for courses ending with a credit
Credit	The student knows the types of implants, indications for their use. He knows the indications for specific augmentation procedures. Can use specific types of implants and prosthetic abutments in specific clinical situations

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	Professor	Medical sciences	Professor	Clinical Classes
Kinga Grzech-Leśniak	Dr hab.	Medical sciences	Lecturer	Clinical Classes
Artur Błaszczyszyn	Dr n med.	Medical sciences	Lecturer	Clinical Classes
Jakub Hadzik	Dr n med.	Medical sciences	Assistant	Clinical Classes

Date of Syllabus development

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Syllabus developed by

Uniwersytet Medyczny we Wrocławiu
KATEDRA I ZAKŁAD
CHIRURGII STOMATOLOGICZNEJ
adiunkt dydaktyczny ED

lek. dent. Artur Piłutaj

Uniwersytet Medyczny we Wrocławiu
KATEDRA I ZAKŁAD CHIRURGII
STOMATOLOGICZNEJ
Kierownik

prof. dr hab. Marzena Dominiak

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

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Uniwersytet Medyczny we Wrocławiu
WYDZIAŁ
LEKARSKO-STOMATOLOGICZNY
DZIEKAN

prof. dr hab. Marcin Mikulewicz

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