UNIWERSYTET MEDYCZNY
IM. PIASTÓW ŚLĄSKICH WE WROCŁAWIU

Syllabus for academic year: 2020/2021		
Training cycle: clinical training		
Description of the course		
Module/Course	Periodontology	Group of detailed education results
		Group code: F / Group name: Practical clinical course
Faculty	Faculty of Dentistry	
Major	Dentistry	
Unit realizing the subject	Department and Division of Periodontology	
Specialties	Periodontology	
Level of studies	Uniform magister studies ☐* 1st degree studies ☐ 2nd degree studies ☐ 3rd degree studies ☐ postgraduate studies ☐	
Form of studies	full-time X part-time	
Year of studies	V	Semester IX	X Winter
Type of course	X obligatory	
Course	X major ☐ basic	
Language of instruction	X English	
* mark ☐ with an X		

Number of hours

Form of education

Unit teaching the course	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)	Specialist Classes – magister studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
Winter Semester														
Direct (contact) education														
Online learning (synchronous)		10						55					60	
Distance learning (asynchronous)														

TOTAL per year: 125

Educational objectives (max. 6 items)
C1. Ability to diagnose and non-surgical treatment of periodontal diseases (continuation)
C2. Showing contemporary concepts in resective and regenerative periodontal surgery
C3. Discussing the specifics of orthodontic and prosthetic treatment in patients with periodontitis
C4. Discussing the specific of implant installation in patients with periodontitis
C5. The ability to plan interdisciplinary treatment of periodontitis.

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

Number of course education result	Number of major education result	Student who completes the module/course knows/is able to	Methods of verification of intended education results (forming and summarising)	Form of didactic class **enter the abbreviation*
W 01	FW 5	Knows the clinical features and progression of periodontal and peri-implant pathology	Oral answers during interactive seminars; Clinical exercise test credit; Oral exam	SE, PCP, SS
W 02	FW 11	Knows the concepts of non-surgical and surgical treatment of periodontitis and periimplantitis		
W 03	FW 12	Knows the specific implant treatment options for patients with periodontitis		
W 04	FW 13	Defines the indications and contraindicators for periodontal plastic surgery procedures		
W 05	FW 15	Knows the principles of systemic antibiotic use in periodontal diseases and antimicrobial therapy with surgical treatment		
W 06	FW 16	Knows the possibilities and limitations of perio-prosthetics and perio-orthodontics		
U 01	FU 2	Leads clinical periodontal examination of patient	Passing procedures during practical classes with patients; Practical exam	PCP
U 02	FU 7	Establishes indications for the periodontal procedures		
U 03	FU 9	Applies selected non-surgical algorithms in general health and patients with systemic diseases		
U 04	FU 10	Leads the acute periodontal phase treatment		
U 05	FU 11	Uses appropriate procedures in complications after periodontal treatment		

U 06	FU 13	Keeps medical records and refers to additional examinations from periodontal indications		
U 07	U 18	Determines the order of treatment of patients with advanced periodontal problems		
U 08	U 20	Performs appropriate diagnostic and therapeutic procedures in patient with periodontitis		
K 01	DU 1	Takes into account the subjective needs of the patient in integrated periodontal treatment	Passing during clinical procedures and practical exam	PCP
K 02	DU 10	Participates in integrated treatment of periodontitis		
K 03	DU 15	Uses evidence based periodontology knowledge		
K 04	FU 3	Explains to the patient the nature of periodontal disease and plans advances periodontal treatment cases		

** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .

Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes:

Knowledge: 5

Skills: 4

Social competences: 4

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

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	65
2. Online learning hours (e-learning):	10
3. Student's own work (self-study):	60
Total student's workload	125
ECTS points for module/course	5
Comments	

Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)

Lectures

Seminars (5 x 2 hours):
1. Periodontal wound healing. Surgical periodontal therapy. Resective and minimally invasive periodontal therapy

2. Regenerative periodontal therapy. Indications and limitations for regenerative therapy. Biologically active regenerative materials

3. Periodontal plastic surgery

4. Pathologic tooth migration. Periodontics and orthodontics

5. Pathologic tooth mobility. Indications and techniques of tooth splinting and grinding. Periodontics and prosthetic dentistry

Practical classes with patients:

1. Pathogenesis of periodontal diseases, periodontal medicine, periodontal diagnosis, contemporary classification of periodontal diseases and peri-implant pathologies, clinical and additional periodontal examinations, periodontal clinical chart- written replay of the fourth course year.

2. Initial periodontal therapy, mechanical and chemical supragingival plaque control, non-surgical therapy of periodontitis, contemporary non-surgical treatment protocols of periodontitis (clinical indications and limitations)– written replay of the fourth course year .

3. Periodontal surgery of periodontitis- indications, techniques in periodontal pocket surgery, general guidelines for resective periodontal surgery, contemporary surgical approach to intrabony defects, minimally invasive surgical technique.

4. Concepts in periodontal tissue regeneration. Barrier materials for regenerative surgery, bone replacement grafts, biologically active regenerative materials (enamel matrix derivatives and growth factors), combination therapy. Factors affecting the clinical outcomes in intrabony defects.

5. Surgical treatment of furcation-involved teeth- regeneration of furcation defects, resective surgical treatment.

6. Periodontal plastic surgery- gingival augmentation, root coverage surgical procedures, interdental papilla reconstruction, surgical treatment of incorrect labial frenum.

7. Pathologic tooth migration. Specific orthodontic tooth movements in periodontitis. Specific orthodontic tooth movements in patients with periodontitis. Periodontal regeneration and orthodontic treatment. Orthodontic treatment and periodontal plastic surgery.

8. Correct centric and eccentric occlusion. Trauma from occlusion- clinical dental and periodontal symptoms. Initial and secondary tooth mobility. Indications for selective tooth grinding, principles of occlusal adjustment by selective grinding of the biting surfaces. Indications and techniques of temporary tooth splinting.

9. Pre-prosthetic periodontal surgery- crown-lengthening procedures, surgical procedures for ridge augmentation (correction of soft tissue and bone defects) and preservation of soft tissue collapse following tooth extraction.

10. Provisional prosthetic restorations, achieving propter gingival contours by temporary bridges in the esthetic zone. Prosthetic treatment of patients with periodontitis- specific of fixed and removable prostheses.

11. Implants in patients with periodontitis- implants in the zone of esthetic priority and in the posteriori dental arch. Surgical treatment procedures in periimplantitis

12. Multidisciplinary treatment of periodontitis- decision making in patients with advanced periodontal problems, treatment sequences, advances and hopeless cases.

Basic literature:

1. H-P Mueller: Periodontology: the Essentials. Thieme, 2015.
2. H.F. Wolf, EM and KH. Rateitschak: Periodontology. Thieme 2005.
3. K.S Kornman, M. Tonetti: Proceedings of the World Workshop on the Classification of Periodontal and Peri-implant Diseases and Conditions. J Periodontology, 2018, Special issue S1-S318.

Additional literature and other materials:

NP Lang, J. Lindhe: Clinical Periodontology and Implant Dentistry. Wiley Blackwell, 2015.

Didactic resources requirements:

Dental units and instruments for non-surgical and surgical periodontal treatment. Seminar room with projector.

Preliminary conditions : basic knowledge in the field of preclinical periodontology (year III) and the periodontitis course in the fourth year.

Conditions to receive credit for the course:

Presence at all seminars, adequate attendance in accordance with the rules of clinical studies, getting good ratings in the interpretation and validation of clinical knowledge in the classroom, self-performed the appropriate periodontal procedures as determined by the national consensus, practice exam - periodontal examination and the ability to plan complex treatment of periodontitis and test pass the exercises for the whole year (61% pass rate from a test consisting of 60 questions with five distractors), oral exam.

Grade:	Criteria (examination evaluation criteria)
Very Good (5.0)	Fluent solves issues related to periodontal diseases and their treatment, and diagnosis and treatment of diseases of the oral mucosa, is knowledge based on extensive scientific evidence relating to the most contemporary issues periodontal.
Good Plus (4.5)	Well resolves issues of periodontal diseases and their treatment, and diagnosis and treatment of diseases of the oral mucosa, is knowledge based on scientific evidence relating to the most contemporary issues periodontal.
Good (4.0)	Well resolves issues of periodontal diseases and their treatment, and diagnosis and treatment of diseases of the oral mucosa.
Satisfactory Plus (3.5)	Correctly solves the issues of periodontal diseases and their treatment and diagnosis of diseases of the oral mucosa.
Satisfactory (3.0)	It solves the basic concept of periodontal disease and its treatment, and the primary diagnosis of the oral mucosa.

Unit realizing the subject	Department and Division of Periodontology
Unit address	Krakowska 26, Street, Wrocław, area code 50-425
Telephone	+48 71 784 03 81
E-Mail	ws-5@umed.wroc.pl

Person responsible for module	Tomasz Konopka, MD, PhD
Coordinator	Aleksandra Sender-Janeczek MDM, Department of Periodontology
Telephone	+48 71 784 03 81
E-Mail	ws-5@umed.wroc.pl aleksandra.sender-janeczek@umed.wroc.pl

List of persons conducting specific classes

Full name	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Tomasz Konopka	Professor, MD, PhD	medicine	Dentist/Professor	(seminars, oral exam),
Aleksandra Sender-Janeczek	MDM	medicine	Dentist/ didactic assistant proffesor	seminars, practical classes, practical exam
Jacek Zborowski	MDM	medicine	Dentist/ didactic assistant proffesor	practical classes, practical exam
Joanna Toczewska	MDM	medicine	Dentist/ didactic assistant proffesor	practical classes
Katarzyna Dębska-Łasut	BDS	medicine	Dentist/ assistant	practical classes
Barbara Paśnik-Chwalik	BDS	medicine	Dentist/ assistant	practical classes

Date of Syllabus development

2020-09-24

Syllabus developed by

Tomasz Konopka, MD, PhD

Signature of Head of teaching unit

………………………………………………………

Signature of Faculty Dean

…………….…………………………