

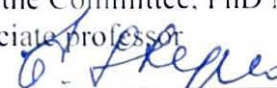


CD 8.5.1 CURRICULUM DISCIPLINĂ


RED:	06
DATA:	20.09.2017
Pag. 1/15	

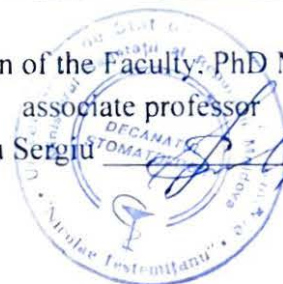
FACULTY OF STOMATOLOGY
STUDY PROGRAM 0911.1 STOMATOLOGY
DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY AND ORAL
IMPLANTOLOGY „ARSENIE GUȚAN”

APPROVED
at the meeting of the Committee for Quality
Assurance and Curriculum Evaluation.
Faculty of Stomatology
Minutes no. 3 from 16.02.2018

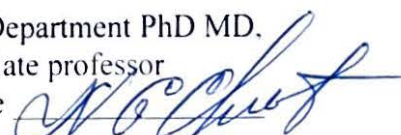
Chairwoman of the Committee, PhD MD,
associate professor
Stepco Elena 

APPROVED
at the meeting of the Faculty Council.
Faculty of Stomatology
Minutes no. 6 from 20.02.2018

Dean of the Faculty, PhD MD,
associate professor
Ciobanu Sergiu 



APPROVED
at the Meeting of the Department of
Oral and Maxillofacial Surgery and
Oral Implantology *Arsenie Guțan*
Minutes no. 2 of 23.10.2017

Head of the Department PhD MD,
associate professor
Chele Nicolae 

CURRICULUM

DISCIPLINE: THE PREPROSTHETIC AND PERIODONTAL SURGERY.
THE RECONSTRUCTIVE AND AESTHETIC SURGERY.

Integrated studies

Course type: **Mandatory discipline**



CD 8.5.1 DISCIPLINE CURRICULUM

ED:	06
DATE:	20.09.2017
P. 2/15	

I. PRELIMINARY

- **General presentation of the subject: the role of subject in building skills specific to the instructional and professional training programme /Speciality**

The course of Preprosthetic, Periodontal, Reconstructive and Aesthetic Surgery refers to diagnosis, planning, treatment, monitoring and prophylaxis, it brings together two compartments: the dento-alveolar represented by preprosthetic and periodontal surgery which refers to the pathology of the marginal periodontium but also to the preparation of the optimal prosthetic field for prosthesis; the oro-maxillo-facial represented by the reconstructive and aesthetic surgery which refers to the pathologies of this territory resulted in various atrophies, defects, deformations of the soft and hard tissues, which for recovery require elements of reconstructive and aesthetic surgery. The content is structured in such a way as to facilitate the acquisition of information by the students on the subjects of the course.

Periodontal disease is a complex, frequent disease with predominance in the mature population in any geographic area with destructive and proliferative manifestations. The treatment of periodontal diseases is a complex, multidisciplinary one and involves the specialists of the dental therapists, parodontologists, prosthetists, surgeons, implantologists, orthodontists and doctors of other specialties (endocrinologists, rheumatologists, cardiologists, infectiologists, family physicians etc.). Surgical treatment is considered indispensable at certain stages in the rehabilitation of patients with marginal periodontitis pathology. Periodontal surgery comes to complete the range of steps and maneuvers needed to rehabilitate these patients. In recent years, several methods have been developed to provide dental care to these patients. Most often, surgical maneuvers refer to the reduction of gingival volume growths, the removal of periodontal pockets, periimplantation, or the repair of mucosal or bone defects. Among the frequent use of treatment methods is the increase in the frequency of complications that lead to more frequent edentation among the population. Preprosthetic surgery involves a number of resective and regenerative methods on soft and hard tissues with the aim of preparing an optimal prosthetic field for prosthesis.

In the Oral and Maxillofacial region are often encountered atrophies, defects and deformations of soft and hard tissues due to traumas, inflammations, tumors, etc., but also due to innate causes. These situations may be accompanied by functional disturbances, but they can also generate the complex of inferiority. Preprosthetic surgery, orthogonal surgery, reconstructive and oral and maxillofacial plastic surgery of soft and hard tissues help these patients with a number of contemporary elements and principles that refer to the diagnosis, planning, treatment, monitoring, and prophylaxis of complications. This course has the main purpose of studying this surgical compartment more thoroughly by the students in order to offer well trained specialists in the future with contemporary methods of diagnosis, planning and treatment.

- **Curriculum purpose in the professional training**

This course is an important component of clinical education and one of the main objectives is the completion of practical skills, theoretical bases in acquiring contemporary methods of periodontal, reconstructive and aesthetic surgery in the rehabilitation of patients with pathologies in the oral and maxillofacial region.

- **Languages of the discipline:** Romanian, English.
- **Beneficiaries:** 5th year students, Dentistry Faculty, Dentistry specialty.



CD 8.5.1 DISCIPLINE CURRICULUM

ED:	06
DATE:	20.09.2017
P. 3/15	

II. THE ADMINISTRATION OF THE DISCIPLINE

Subject code		S.10.O.123	
Subject name		The Preprosthetic and Periodontal Surgery. The Reconstructive and Aesthetic Surgery.	
Subject leaders		Sîrbu Dumitru , DMD, assoc. prof. Suharschi Ilie , DMD, assoc. prof.	
Year	V	Semester	X
The total number of hours including:			120
The course	30	Practical works/ laboratory	53
Seminars	22	Individual work	15
The form of the evaluation	C	The number of credits	4



CD 8.5.1 DISCIPLINE CURRICULUM

ED:

06

DATE:

20.09.2017

P. 4/15

III. LEARNING OBJECTIVES

✓ *At knowledge and comprehension level:*

- To know the clinical examination of patients with marginal periodontitis, atrophies, defects and deformations of the soft and hard tissues of the oro-maxillo-facial region.
- To interpret the radiological paraclinical examination used in patients with marginal periodontitis, atrophies, defects and deformations of the soft and hard tissues of the oro-maxillo-facial region (retroalveolar X-ray, OPG, CT).
- To define the concept of pre-prosthetic and periodontal, reconstructive and aesthetic surgery, its objectives and tasks;
- To know the classifications of periodontal pathology, atrophies, defects and deformations of the soft and hard tissues of the oro-maxillo-facial region.
- To know methods of surgical preprosthetic and periodontal, reconstructive and aesthetic treatment.
- To know instrumentation, application and work equipment in patients with marginal periodontitis, atrophies, defects and deformations of the soft and hard tissues of the oro-maxillo-facial region.
- To know local and general indications and contraindications for surgical treatment in patients with marginal periodontitis, atrophy, defects, oro-maxillo-facial deformities.
- To plan the surgical treatment of patients with marginal periodontitis, atrophies, defects and deformities of the soft and hard tissues of the oro-maxillo-facial region.
- To know the patient's preparation for periodontal surgery operations atrophies, defects and deformations of the soft and hard tissues of the oro-maxillo-facial region.
- To know the preparation of instrumentation and operating field.
- To know the methods of resective and regenerative surgery in the treatment of patients with marginal periodontitis, atrophies, defects and deformations of the soft and hard tissues of the oro-maxillo-facial region.
- To know biomaterials used in reconstructive surgery in the treatment of patients with marginal periodontitis, atrophies, defects and deformations of the soft and hard tissues of the oro-maxillo-facial region.
- To know the postoperative care of patients after the periodontal, reconstructive and aesthetic surgery in the oro-maxillo-facial area.
- To know the prophylaxis of marginal periodontitis.
- To know the errors and complications in surgical treatment in patients with periodontal disease, atrophies, defects and deformations of the soft and hard tissues of the oro-maxillo-facial region.

✓ *At the application level:*

- To be able to collect health information of the patient and anamnesis (subjective examination);
- To be able to complete the patient's clinical record and informed consent;
- To interpret the results of the patient's clinical examination: inspection, palpation, percussion, vitality tests, periodontal pocketing, dental mobility assessment.
- To interpret the results of the clinical examination of the periodontal support: the gingival aspect, the existence of bleeding at the sondation, the importance of loss of gingival attachment.
- To interpret the results of the clinical examination of the patient: examination of the alveolar ridges, the roof of the mouth, the oral cavity floor, the tongue, occlusal intermaxillary reports, dynamic occlusion.
- To interpret the radiological examination (retroalveolar X-ray, OPG, CT).
- To be able to establish diagnosis in the case of marginal periodontitis, atrophies, defects, oro-maxillo-facial deformities.
- To be able to use instrumentation, application and work equipment used in periodontal, reconstructive and aesthetic surgery.



CD 8.5.1 DISCIPLINE CURRICULUM

ED:

06

DATE:

20.09.2017

P. 5/15

- To be able to prepare the patient, physician and operating field for surgery intervention.
- To be able to describe the conduct of the doctor and nurse during surgery intervention.
- To be able to perform wound dressings and post surgery wound care.
- ✓ **At the integration level:**
 - To understand the purpose and principles of the reconstructive and aesthetic surgery of the oral and maxillofacial area;
 - To understand the association between reconstructive and aesthetic surgery of the oral and maxillofacial area with other medical specialties;
 - To be able to evaluate the place and role of periodontal and reconstructive surgery in the clinical training of the medical student;
 - To be competent to use the knowledge and methodology of periodontal and reconstructive surgery in the ability to explain the nature of physiological or pathological processes;
 - To be able to implement the knowledge gained in the research activity;
 - To be able to critically evaluate the appropriateness of scientific information obtained using the new information and communication technologies;
 - Să fie abil să utilizeze tehnologia multimedia pentru a primi, evalua, stoca, produce, prezenta și schimba informații, și pentru a comunica și a participa în rețele prin intermediul Internetului;
 - To be able to use multimedia technology to receive, evaluate, store, produce, present and exchange information, and communicate and participate in networks through the Internet;
 - Be able to learn to learn, which will contribute to the management of the professional route.

IV. PRELIMINARY REQUIREMENTS

Knowledge and observance of ethical-moral and professional norms in patient relations. Knowledge of the purpose and tasks of oral and maxillofacial surgery. Knowledge of the anatomotopographic peculiarities of the oral and maxillofacial area. Knowledge of the organization of surgery within the oral and maxillofacial surgery room/department. Knowledge of the legislation and documentation required within the oral and maxillofacial surgery room/department (clinical record, register of evidence and sterilization control records). Knowledge of methods and stages of clinical and paraclinical examination used in oral and maxillofacial surgery. Knowing the methods of prophylaxis. Knowledge of the principles, stages and stages of asepsis and antisepsis. Knowing the stages of surgeon's preparation for surgery intervention. Knowledge of the sources of information needed in the oral and maxillofacial surgery.

Student of year V must have the following skills: knowledge of the language of instruction; digital skills (use of the Internet, document processing, electronic tables and presentations, use of graphics software); ability to communicate and teamwork; capacities - tolerance, compassion, autonomy.



CD 8.5.1 DISCIPLINE CURRICULUM

ED:

06

DATE:

20.09.2017

P. 6/15

V. TOPICS AND APPROXIMATE HOUR DISTRIBUTION

No.	SUBJECT	Number of hours			
		Lectures	Seminars	Practice	Individual
1.	Surgical treatment of periodontal diseases. Preparing the patient. Indications. Contraindications. Instruments and materials.	3	1	3	1
2.	Surgical treatment of periodontal diseases. Gingival Curettage. Gingivectomy. Gingivoplastic gingivectomy.	3	1	3	1
3.	Surgical treatment of periodontal diseases. Periodontal recessions. Operations with flap.		2	5	1
4.	Surgical treatment of periodontal diseases. Alveolar bone surgery. Muco-gingival surgery.	3	1	3	1
5.	Surgical preprosthetic treatment in soft tissue deficiencies.	3	2	2	1
6.	Surgical preprosthetic treatment in bone deficiencies.		2	5	1
7.	Defects and deformities of oral and maxillofacial tissues (organs). Plastic and reconstructive oral and maxillofacial surgery.	3	1	3	1
8.	Planning of oral and maxillofacial reconstructive and plastic interventions.	3	1	3	1
9.	Pastic interventions with flaps.		2	5	1
10.	Transplantation in oral and maxillofacial surgery. Free transplantation of skin and mucosa.	3	1	3	1
11.	Transplantation in oral and maxillofacial surgery. Free transplantation of cartilage and bone.		2	5	1
12.	Aesthetic surgery. Plastic reconstructive and aesthetic interventions.	3	1	3	1
13.	Dento-maxillary anomalies and deformities in sagittal, vertical and transversal plane. General data. Etiology. Classification. Indications and Contradictions. Examining the patient. Diagnostic. Objectives of treatment. Planning treatment.	3	2	2	1
14.	Surgical treatment of dento-maxillary anomalies and deformities in sagittal, vertical and transversal plane. Surgical techniques of osteotomy of the upper and lower maxilla.	3	1	3	1
15.	Rehabilitation treatment, physiotherapy and curative physical education of patients with oral and maxillofacial surgical disorders. Medical expertise.		2	5	1
Total		30	22	53	15



CD 8.5.1 DISCIPLINE CURRICULUM

ED:

06

DATE:

20.09.2017

P. 7/15

VI. INSTRUCTIONAL OBJECTIVES AND CONTENTS UNITS

Objectives	Content units
Periodontal surgery	
<ul style="list-style-type: none"> Define the notions and terminology of periodontal pathology To know the structure, properties and functions of the periodontium To know the surgical methods of treatment of the pathology of marginal periodontitis To comment data of radiological investigation in patients with pathology of marginal periodontitis To develop own opinions regarding the planning and choice of surgical methods in the treatment of the pathology of the marginal periodontium To know the instruments and equipment specific to the periodontal surgery procedures To apply theoretical knowledge acquired to other disciplines To draw conclusions 	<p>Periodontal disease. Patient examination. Paraclinical examination methods: Retroalveolar radiography; OPG; CT. Planning. Instruments. Surgical methods of treatment in periodontal disease. Postoperative care of the wound, the oral cavity.</p>
Preprosthetic surgery	
<ul style="list-style-type: none"> Define the notions and terminology used in preprosthetic surgery To be aware of deficiencies in soft and hard tissues that have indications for preprosthetic surgical procedures To know the surgical methods of preprosthetic treatment To comment data of radiological investigation in patients with preprosthetic surgery indications To develop own opinions on the planning and choice of preprosthetic surgical methods To be familiar with the instruments and equipment specific to preprosthetic surgery procedures To apply theoretical knowledge acquired to other disciplines To draw conclusions 	<p>Deficiencies, pathologies of soft and hard tissues with indications for prosthetic surgical procedures. Patient examination. Paraclinical examination methods: Retroalveolar radiography; OPG; CT. Planning. Instruments. Surgical methods of proprotetic treatment. Postoperative care of the wound, the oral cavity.</p>



CD 8.5.1 DISCIPLINE CURRICULUM

ED:

06

DATE:

20.09.2017

P. 8/15

Objectives	Content units
Plastic reconstructive and aesthetic surgery	
<ul style="list-style-type: none"> • Define the notions and terminology used in reconstructive and aesthetic plastic surgery • To know deficiencies in soft and hard tissues that have indications for plastic reconstructive and aesthetic surgery • To know the plastic reconstructive and aesthetic surgical methods • To comment data of radiological investigation in patients with plastic reconstructive and aesthetic surgery • To develop own opinions regarding the planning and selection of plastic reconstructive and aesthetic surgical methods • To know the instruments and equipment specific to the procedures of plastic reconstructive and aesthetic surgery • To apply theoretical knowledge acquired to other disciplines • To draw conclusions 	<p>Deficiencies, pathologies of soft and hard tissues with indications for reconstructive and aesthetic surgical procedures.</p> <p>Patient examination.</p> <p>Paraclinical examination methods: Retroalveolar radiography; OPG; CT.</p> <p>Planning.</p> <p>Instruments.</p> <p>Methods of treatment in plastic reconstructive and aesthetic surgery.</p> <p>Postoperative care of the patient.</p>
Orthognathic surgery	
<ul style="list-style-type: none"> • Define the notions and terminology used in orthognathic surgery • To know dento-maxillary system deficiencies with indications for orthognathic surgical procedures • To know the orthognathic surgical methods • To comment data of radiological investigation in patients with orthognathic surgery • To develop own opinions on the planning and choice of orthognathic surgical methods • To know the instruments and equipment specific to the procedures of orthognathic surgery • To apply theoretical knowledge acquired to other disciplines • To draw conclusions 	<p>Deficiencies, pathologies of the dento-maxillary system with indications for orthognathic surgical procedures</p> <p>Patient examination.</p> <p>Paraclinical examination methods: Retroalveolar radiography; OPG; CT; Teleradiography.</p> <p>Planning.</p> <p>Instruments.</p> <p>Methods of treatment in orthognathic surgery.</p> <p>Postoperative care of the patient</p>



CD 8.5.1 DISCIPLINE CURRICULUM

ED:

06

DATE:

20.09.2017

P. 9/15

VII. PROFESSIONAL (SPECIFIC (SS) AND TRANSVERSAL (TS) SKILLS AND LEARNING OUTCOMES

Professional (specific) skills (SS)

SS1: Knowledge, understanding and use of terminology specific to periodontal, preprosthetic, plastic reconstructive and aesthetic, orthognathic surgery;

SS2: Knowledge and understanding pathologies with indications to periodontal, preprosthetic, plastic reconstructive and aesthetic, orthognathic surgical methods;

SS3: Explanation and interpretation of the clinical picture and paraclinical investigations in periodontal, preprosthetic, plastic reconstructive and aesthetic, orthognathic surgery;

SS4: Knowledge of the principles of periodontal, preprosthetic, plastic reconstructive and aesthetic techniques, orthognathic surgery;

SS5: Solve situational issues and draw conclusions;

SS6: Planning and choosing optimal surgical methods of periodontal, preprosthetic, plastic reconstructive and aesthetic, orthognathic surgery;

SS7: Knowing the way of patient care and postoperative wounds in periodontal, preprosthetic, plastic reconstructive and aesthetic, orthognathic surgery;

Transversal skills (competences) (CT)

CT1: Application of professional assessment standards, professional ethics, and applicable legislation. Promoting logical reasoning, practical applicability, assessment and self-assessment in decision-making.

CT2: Performing activities and exercising the roles specific to teamwork within the OMF surgery room / department. Promoting the spirit of initiative, dialogue, cooperation, positive attitude and respect for others, empathy, altruism and continuous improvement of their own activities;

CT3: Systematically assessing personal skills, roles and expectations, applying self-assessments to learned processes, acquired skills and professionalism needs, effective use of language skills, knowledge in information technologies, research and communication skills to deliver quality services and adapting to the dynamics of policy requirements in health and for personal and professional development.

Learning outcomes

At the end of the course, the students will be able to:

- To know the terminology specific to periodontal, preprosthetic, plastic reconstructive and aesthetic, orthognathic surgery;
- To know and to interpret the clinical picture and paraclinical investigations in periodontal, preprosthetic, plastic reconstructive and aesthetic, orthognathic surgery;
- To know the surgical methods of periodontal, preprosthetic, plastic reconstructive and aesthetic, orthognathic surgery;
- To be able to implement the knowledge gained in the research activity;
- To be competent to use critically and confidently the scientific information obtained using the new information and communication technologies.



CD 8.5.1 DISCIPLINE CURRICULUM

ED:

06

DATE:

20.09.2017

P. 10/15

VIII. THE STUDENT'S INDIVIDUAL WORK

No.	The expected product	Implementation Strategies	Evaluation criterias	Deadline
1.	Work with information sources	Read the lecture or the material in the manual on the subject. Reflection on the topic in the questions. Knowing and selecting additional information sources on the topic. Read the text carefully and describe the essential content. Wording of generalizations and conclusions regarding the importance of the theme / subject.	The ability to extract the essentials. Interpretative skills. The ability to analyze and communicate the material accumulated on its own.	During the semester
2.	Solving the problems of the situation	Solving case problems, arguing the conclusions at the end of each practical work. Verification of the finalities and appreciation of their achievement. Selection of additional information, using electronic addresses and additional bibliography.	The quality of problem solving and clinical case, the ability to formulate and interpret clinical and paraclinical data. Ability to analyze selected information from national and international professional websites.	During the semester
3.	Evaluation of perception (basic knowledge) in clinical and paraclinical examination of patients. Evaluation of methods of resective and regenerative surgery in the treatment of patients with marginal periodontitis atrophies, defects and deformations of the soft and hard tissues of the oral and maxillofacial area. Each student will complete the patient's medical record, systematize the stages of the clinical examination and collect the anamnesis. Establish indications for paraclinical investigations, arguing their need.			
3.1.	Data recording and patient history	Working with the medical record and systematisation of stages of collection the anamnesis and clinical examination.	Assess the correctness and succession of the analysis.	During the semester
3.2.	Appreciation of radiographic examination guidelines.	The student should study the particularities of the radiographic examination and argue for the need to indicate each type of radiographic exam.	Assessing the accuracy of the information described by the student.	During the semester
3.5.	Preparing the project.	Students will prepare information on the selected theme from the Thematic Plan with schemes and graphics in Power Point.	Evaluating the quality of the selected material, the design of the project and the ability to reproduce the information.	During the semester



CD 8.5.1 DISCIPLINE CURRICULUM

ED:

06

DATE:

20.09.2017

P. 11/15

IX. TEACHING- LEARNING-ASSESSMENT METHODOLOGY

Teaching and learning methods

In teaching the discipline of Parodontal and Reconstructive Surgery, different methods and didactic approaches are used, oriented towards the efficient acquisition and achievement of the objectives of the didactic process. In the theoretical lessons, along with traditional methods (lesson-exposure, lesson-conversation, synthesis lesson), modern methods (lesson-debate, lecture-conference, problem-lesson) are also used. Practical forms of individual, frontal, group, virtual lab work are used in the practical works. In order to acquire deeper material, different semiotic systems (scientific language, graphical and computerized language) and teaching materials (tables, schemes, photographs) are used. Within the lessons and extracurricular activities are used Information Technologies of the Communication - PowerPoint presentations, on-line lessons.

Recommended learning methods

- **Observation** - Identification of elements characteristic for structures or biological phenomena, description of these elements or phenomena.
- **Analysis** - Imaginary decomposition of the whole into component parts. Highlighting the essential elements. Studying each element as part of the whole.
- **Scheme / figure analysis** - Selection of the required information. Recognition based on knowledge and information selected structures indicated in the schema, drawing. Analysis of the functions / role of recognized structures.
- **Comparison** - Analysis of the first object/process from a group and determination of its essential features. Analysis of the second object / process and the determination of its essential features. Comparing objects / processes and highlighting common features. Comparing objects / processes and determining differences. Establishment criteria for decommissioning. Formulation of conclusions.
- **Classification** - Identification of the structures/processes to be classified. Determining the criteria on which classification has to be made. Distribution of structures/processes by groups according to established criteria.
- **Elaboration of the scheme** - Selection of elements, which must be included in the schema. Reproduction of the elements selected by different symbols/colors and indicating their relationships. Formulation of an appropriate title and legend of the symbols used.
- **Modeling** - Identifying and selecting the elements needed to model the phenomenon. Imaging (graphically, schematically) the phenomenon studied. Realizing the phenomenon using the elaborated model. Formulation of conclusions, deduced from arguments or findings.
- **Experiment** - Formulation of a hypothesis, based on known facts, on the process/phenomenon studied. Verifying the hypothesis by performing the processes/phenomena studied under laboratory conditions. Formulation of conclusions, deduced from arguments or findings.
- **Applied didactic strategies / technologies (discipline specific);**
"Brainstorming", "Multi-voting"; "The round table"; "Group discussion"; "Case Study"; "Creative Controversy"; "Focus-group technique", "Portfolio".

Virtual Practices

- **Methods of evaluation** (including an indication of how the final grade is calculated).

Current: Current checks during seminars and practical works, 3 totals in writing and / or as test-control. For the individual work done during the semester, the student is evaluated, the grade being included in totals. At the end of the semester, based on the deductions from the totals, the average annual score is calculated.

Final: The course ends with a colloquium. The note at the colloquium is based on the annual average score. Grades 5 and above are equivalent to "attested", which will be passed to the notes book. The average annual score will be expressed in numbers according to the scoring scale indicated in the table.



CD 8.5.1 DISCIPLINE CURRICULUM

ED:**06****DATE:****20.09.2017****P. 12/15**

Scoring scale

THE INTERMEDIATE GRADES GRILL (annual average, grades from the exam stages)	National Annotation System	ECTS Equivalent
1,00-3,00	2	F
3,01-4,99	4	FX
5,00	5	E
5,01-5,50	5,5	
5,51-6,0	6	
6,01-6,50	6,5	D
6,51-7,00	7	
7,01-7,50	7,5	C
7,51-8,00	8	
8,01-8,50	8,5	B
8,51-8,00	9	
9,01-9,50	9,5	A
9,51-10,0	10	

Note: Failure to attend the examination without good reason is recorded as "absent" and is equivalent to 0 (zero). The student is entitled to 2 repeated claims of the unsuccessful exam.



CD 8.5.1 DISCIPLINE CURRICULUM

ED:	06
DATE:	20.09.2017
P. 13/15	

X. RECOMMENDED BIBLIOGRAPHY:

Periodontal surgery

- A. Mandatory:

1. Ana Eni. Afecțiunile complexului mucoparodontal. CEP „Medicina”, Chișinău, 2007, 380p.
2. Ana Eni. Parodontologie. CEP Medicina, Chișinău, 2003, 85p.
3. Chetruș V. Tratatamentul parodontitei marginale cronice prin utilizarea matricei în bază de biovitroceramică și collagen. Teza de dr. în medicină. Chișinău, 2005, 127 p.
4. Ciobanu S. Tratatamentul complex în reabilitarea pacienților cu parodontite marginale cronice. Teza de dr. habilitat în medicină, Chișinău, 2012, 211 p.
5. Cohen, S. Ed., Atlas of cosmetics and Reconstructive Periodontal Surgery. Ed. Williams and Wilkins, 1994, 450 p.
6. Dumitriu H.T. Parodontologie. București, 1997, 351 p.
7. Giano Ricci. Periodontal Diagnosis and Therapy. Quintessence Publishing Company, 2014. 752 pp; 3,071 illus. ISBN 978-88-7492-191-1, 9788874921911
8. Giovanni Zucchelli, Guido Gori. Mucogingival Esthetic Surgery. Quintessence Publishing Company, 2013. 830 pp; 2,000 illus; ISBN 978-88-7492-171-3, 9788874921713
9. Naoshi Sato. Atlas de chirurgie parodontală. Ediție în limba română: Q-Med Publishing S.R.L., București, 2006, 447 p.
10. Otto Zuhr, Marc Hurzeler. Plastic-esthetic periodontal and implant surgery. J. Quintessence Publishing, United Kingdom, 2012, 858 p.

- B. Supplementary:

11. Dumitriu A. S., Păunică S., Giurgiu M. C., Mironciuc-Cureu M. Măriri de volum gingival. Clinică și principii de tratament. Editura Didactică și pedagogică, R.A., București, 2013, 223p.
12. Petru Lajosi, Gabriela Ciavoi, Ecaterina Lajosi. Ghid teoretic și practic de parodontologie. Editura Universității din Oradea. 2010, 166 p.
13. Vataman M. R. Cercetări privind eficiența terapiei pungilor parodontale. Teza de dr. în medicină. Iași, 2011, 35 p.
14. Джиано Риччи. Диагностика и лечение заболеваний пародонта. «Азбука стоматолога», Москва, 2015, 739с.
15. Серж Дибарт, Мамду Карима. Практическое руководство по пластической пародонтологической хирургии. Изд. Азбука, Москва, 2007, 110 с.
16. Зукkelли Д. Пластическая хирургия мягких тканей полости рта. «Азбука стоматолога», Москва, 2014, 816с.
17. Коэн Эю. Атлас косметической и реконструктивной пародонтологической хирургии. Издательский дом «Азбука», Москва, 2004, 416с.
18. Поворознюк В. В., Мазур И. П. Костная система и заболевания пародонта. Третье издание, Киев, 2005, 445с.
19. Sculean S. Terapia parodontală regenerativă. Ed. Quintessence, București, 2013, 294 p.
20. Февралева А. Ю., Давидян А. Л. Атлас пластической хирургии мягких тканей вокруг имплантов. Из. «Поли Медиа Пресс», Москва, 2008, 255с.



CD 8.5.1 DISCIPLINE CURRICULUM

ED:

06

DATE:

20.09.2017

P. 14/15

Preprosthetic surgery

- A. Mandatory:

1. Alexandru Bucur, Carlos Navarro Vila, John Lowry, Julio Acero. Compendiu de chirurgie oro-maxilo-facială. Volumul I. Ed. Q Med Publishing, București, 2009, 398p.
2. Corneliu Burlibașa. Chirurgie orală și maxilofacială. Editura medicală București, 2001, 1312p.
3. Gănuță N., Bucur A., Ștefănescu L., Marinescu R., Gănuță A., Bodnar H.. Chirurgie oro-maxilo-facială. Vol. II. Pentru uzul studenților. Tipărit la S. C. Național Imprim S.A., București, 1998, 490p.
4. Gănuță N., Bucur A.. Chirurgie Maxilo- Facială, Curs. Ed. Național, București, 2008, 271p.
5. Timoșca G., Burlibașa C.. Chirurgie buco-maxilo-facială. Ed. Universitas, Chisinau, 1992, 552p.
6. Рабухина Н. А., Аржанцев А. П.. Стоматология и челюстно- лицевая хирургия. Атлас Рентгенограмм. Медицинское Информационное Агентство, Москва, 2002, 304с.

- B. Supplementary:

7. Nechifor. M. Terapia antibacteriană, antifungică și antivirală în stomatoloie. Ed. Glissando, Iași, 2002, 151p.
8. Безрукова В. М., Робустовой Т. Г. Руководство по хирургической стоматологии и челюстно-лицевой хирургии. Том 2. „Медицина,, Москва, 2000, 487с.
9. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии. Медицинская литература, Москва, 2003, 404с.
10. Кулакова А. А., Робустовой Т. Г.. Хирургическая стоматология и челюстно- лицевая хирургия национальное руководство. Издательская группа ГЭОТАР- Медиа, Москва, 2010, 921с.

Plastic reconstructive and aesthetic surgery

- A. Mandatory:

1. Corneliu Burlibașa. Chirurgie orală și maxilofacială. Editura medicală București, 2001, 1312p.
2. Mainescu Radu. Plastia reconstructivă a defectelor faciale cu lambouri din vecinătate. Ed. Didactică și Pedagogică, R. A. București, 2002, 195p.
3. Shan R. Baker. Local flaps in facial reconstruction. Third Edition. Elsevier Saunders, Philadelphia, 2014, 2007, 1995, 788p.
4. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии. Медицинская литература, Москва, 2003, 404с.
5. Пейпла А. Д. Пластическая и реконструктивная хирургия лица. БИНОМ. Лаборатория знаний, Москва, 2007, 951с.
6. Радлански Р., Вескер К. Лицо. Атлас клинической анатомии. Издательство «Квинтэссенция», Москва, 2014, 348с.
7. Франтишек Буриан. Атлас пластической хирургии 2. Гос. Издательство медицинской литературы, Прага Медицина, Москва, 1967, 508с.

- B. Supplementary:

8. Jensen Ole T. The Osteoperiosteal Flap. A simplified approach to alveolar bone reconstruction. Quintessence Publishing Co Inc, Illinois, 2010, 304p.
9. Lars Andersson, Karl-Erik Kahnberg, Anthony Pogrel M. Oral and Maxillofacial Surgery. Ed. Wiley- Blackwell, 2010, 1274p.



CD 8.5.1 DISCIPLINE CURRICULUM

ED:**06****DATE:****20.09.2017****P. 15/15**

10. Mihăilă R. I., Redl H., Antonescu D., Schwarz N., Sîrbu P. D. Substituenții de os în tratamentul defectelor osoase. Casa de Editură Venus, Iași, 2006, 154p.
11. Teofil Lung. Reconstrucția chirurgicală a masivului facial. Ed. Clusium, Cluj-Napoca, 2001, 195p.
12. William V. Giannobile, Niklaus P. Lang, Maurizio S. Tonetti. Osteology Guidelines for Oral & Maxillofacial Regeneration. Ed. Quintessence Publishing Co, Ltd, London, UK, 2014, 318p.
13. Альфаро Ф. Э. Костная пластика в стоматологической имплантологии. Описание методик и их клиническое применение. Издательский дом «Азбука», Москва, 2006, 235с.
14. Квашук В. В. Атлас клинической анатомии головы и шеи. Из. Феникс, Ростов н/Д, 2002, 72с.
15. Кулакова А. А., Робустовой Т. Г.. Хирургическая стоматология и челюстно- лицевая хирургия национальное руководство. Издательская группа ГЭОТАР- Медиа, Москва, 2010, 921с.
16. Неробеева А. И., Плотникова Н. А. Восстановительная хирургия мягких тканей челюстно-лицевой области. „Медицина,, Москва, 1997, 288с.

Orthognathic surgery

- A. Mandatory:

1. Alexandru Bucur, Carlos Navarro Vila, John Lowry, Julio Acero. Compendiu de chirurgie oro-maxilo-facială. Volumul II. Ed. Q Med Publishing, București, 2009, 928p.
2. Corneliu Burlibașa. Chirurgie orală și maxilofacială. Editura medicală București, 2001, 1312p.
3. Timoșca G., Burlibașa C.. Chirurgie buco-maxilo-facială. Ed. Universitas, Chisinau, 1992, 552p.
4. Рабухина Н. А., Аржанцев А. П.. Стоматология и челюстно- лицевая хирургия. Атлас Рентгенограмм. Медицинское Информационное Агентство, Москва, 2002, 304с.

- B. Supplementary:

5. Myron R. Tucker, Bill C. Terry, Raymond P. White, Jr., Joseph E. Van Sickels. Rigid Fixation for Maxillofacial Surgery. J. B. Lippicott Company, 1991, 384p.
6. Proffit W. R., Fields Jr H. W., Sarver D. M. Contemporary Orthodontics. Fouth Edition. Mosby Elsevier, Canada, 2007, 751p. Lars Andersson, Karl-Erik Kahnberg, Anthony Pogrel M. Oral and Maxillofacial Surgery. Ed. Wiley- Blackwell, 2010, 1274p.
7. Квашук В. В. Атлас клинической анатомии головы и шеи. Из. Феникс, Ростов н/Д, 2002, 72с.
8. Кулакова А. А., Робустовой Т. Г.. Хирургическая стоматология и челюстно- лицевая хирургия национальное руководство. Издательская группа ГЭОТАР- Медиа, Москва, 2010, 921с.
9. Радлански Р., Вескер К. Лицо. Атлас клинической анатомии. Издательство «Квинтэссенция», Москва, 2014, 348с.