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FACULTY OF STOMATOLOGY

STOMATOLOGY STUDY PROGRAM 0911.1

DEPARTMENT OF STOMATOLOGICAL PROPAEDEUTICS "PAVEL GODOROJA"

APPROVED at the meeting of the Committee for Quality Assurance and Evaluation of the Curriculum Faculty of Stomatology

Minutes No. <u>1</u> of <u>22.09</u>. <u>2020</u> Committee president, PhD, DMS,

Associate professor, repr Stepco Elena

APPROVED at the Council meeting of the Faculty of Stomatology Minutes No. 2 of 30.09.2020

Dean of Faculty of Stomatology, PhD, DMS, Associate professor, Solomon Oleg OSobastin a Associate of the store of the stor

APPROVED at the meeting of the chair of Stomatological Propaedeutics "Pavel Godoroja" Minutes nr. 3 of 18.09.2020 Head of chair, PhD, DHMS Associate professor Uncuta Diana

CURRICULUM

DISCIPLINE: PRECLINICAL CONSERVATIVE AND RESTORATIVE THERAPY

Integrated studies

Course type: Compulsory discipline

Chișinău, 2020



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I. PRELIMINARY

• The general presentation of the discipline: the place and role of the discipline in the formation of the specific competences of the vocational / specialty training program

"Preclinical Conservative and Restorative Therapy" is an indispensable compartment for the training of a dentist.

The passing of the students' training at the clinical stage of dentistry is done by familiarizing them with the specifics of the structure of the dental office, the dental unit, the organization of the dental care and the ergonomics notions. Practical work on simulators allows students to form and refine the practice of indispensable skills in the training of a dental practitioner, absolutely necessary to move to the clinical stage. The theoretical study of dental instruments and the practical use of simulators and the principles of classical and modern preparation of caries cavities form the necessary practices for the treatment of dental caries in patients. The study of obturation materials and the implementation of this knowledge, the observance of ergonomic principles, finalizes the preparation preclinical study of a student in the conservatory of odontotherapy thus preparing him to work with the patient.

The knowledge gained in the field of sterilization of dental instruments and the concepts of asepsis and antisepsis in the dental office is an important step in the formation of future dentists.

• Mission of the curriculum (scope) in vocational training:

The discipline of Preclinical Conservative and Restorative Odontotherapy aims at implementing the theoretical knowledge and the training of practical skills that are indispensable in the clinical activity of the dentist. During the training of students, both classical and modern methods of dental caries are used. Thus the student obtains a sufficient and absolutely necessary volume of theoretical and practical knowledge for the transition to clinical activity.

• Languages of teaching: Romanian, Russian and English.

• Beneficiaries: students of the second year, the faculty of Dentistry.

	S.03.0.029	
e	Conservative and restoration preclinical therapy	
pline	Uncuța Diana , PhD, DHMS, associate professor, Chair of the department	
II	Semester	III
:		150
17	Practical work	17
34	Individual work	82
E	Number of credits	5
	II : 17 34	e Conservative and restoration precl pline Uncuța Diana, PhD, DHMS, associat the department Semester II Semester : 17 Practical work 34 Individual work

II. ADMINISTRATION OF DISCIPLINE



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III. TRAINING OBJECTIVES IN THE DISCIPLINE

- At the level of knowledge and understanding:
- to define the notion of conservative preclinical odontotherapy and restoration, its objectives and tasks;
- \checkmark to know the classification of dental decay according to various criteria and treatment methods;
- \checkmark to know the dental instruments and the scope of their use;
- \checkmark to know the structure of the dental office;
- \checkmark to know the organization of dental care in the Republic of Moldova;
- \checkmark to know the structure and functions of the dental clinic;
- \checkmark to know the norms and requirements regarding the organization of the dental office;
- \checkmark to know the workplace of nurse and inferiority;
- \checkmark to know the structure of the dental unit, the devices and the necessary devices in the doctor's activity;
- \checkmark to know the duties of the nurse and inferiority service;
- \checkmark to know the ergonomics notions in dentistry;
- \checkmark to know the classical and modern preparation principles of carious cavities;
- \checkmark to know the possible errors and complications in the carious cavities preparation;
- \checkmark to know the isolation techniques of the operator field;
- \checkmark to know the filling ways of cavities with amalgam and polishing methods;
- ✓ to know the cavities filling ways with glass ionomer cements and compomers and the fillings polishing;
- \checkmark to know the filling ways of the carious cavities with composite materials (chemical, light cured);
- \checkmark to know all of adhesive techniques and their generations;
- \checkmark to know the restoring techniques for the front and lateral teeth group;
- \checkmark to know the asepsis and antisepsis principles and their methods of application;
- \checkmark to know the sterilization methods of dental instruments;
- \checkmark to understand the role and importance of prevention of nosocomial infections in dentistry.

• At application level:

- ✓ to be able to apply properly the dental instrument used for patient examination, preparation and filling of carious cavities;
- ✓ to be able to determine correctly the carious cavity class and its treatment depending on various criteria;
- \checkmark to be able to prepare carious cavities according to the classical and modern method;
- \checkmark to be able to isolate the operator field;
- \checkmark to be able to fill the cavities with amalgam and polish the metal fillings;
- \checkmark to be able to fill the cavities with glass ionomeric cements and compomers;
- \checkmark to be able to fill the cavities with composite materials (chemical and light cured);
- \checkmark to be able to use various adhesive techniques;
- \checkmark to be able to use various matrices;
- \checkmark to be able to apply aseptic and antisepsic rules in practice;
- \checkmark to be able to highlight the major criteria for determining the type of dental caries;
- \checkmark to be able to describe the stages and methods of asepsis and antisepsis;
- ✓ to be able to describe the antiseptic substances used in conservative preclinical odontotherapy and restorative, indications of their use;
- \checkmark to be able to prepare the patient, the doctor and the operator field for the carious cavity filling;
- \checkmark to be able to describe the doctor's conduct and the assistant during dental surgery.

•At the integration level:

- \checkmark to appreciate the dental care level;
- \checkmark to appreciate the carious cavity type according to different criteria;



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- ✓ to choose the correct method of preparation of hard dental tissues depending on the filling material;
- \checkmark to allocate the necessary tools according to their purpose;
- \checkmark to select the appropriate filling material depending on the carious cavity.

IV. PREVIOUS CONDITIONS AND REQUIREMENTS

Knowledge and observance of ethical-moral and professional norms in patients relations. Knowing the purpose and tasks of Conservative Preclinical Odontotherapy and Restorative. Knowledge of the classical and modern principles of preparation of carious cavities. Knowing the stages of preparation of carious cavities and the tools needed for each stage. Knowledge of dental care organization in the Republic of Moldova. Knowledge of the principles and stages of asepsis and antisepsis. Knowing the steps of preparing the dentist for the necessary intervention. Knowledge of the necessary information sources in the activity of the dentist.

V. ORIENTAL TIMETABLE AND DISTRIBUTION OF HOURS

Nr.			Number of hou		
d/o			Semi-	Practi	
	Quere institute of dental aligning demonstrate and male aligning American and	es	nars	ce	dual
1.	Organization of dental clinic, department and polyclinic. Arrangement and assembling of the dental office. Equipment. Ergonomy in dentistry. Organization of dental care in the Republic of Moldova. Structure and functions of dental clinics. Norms and requirements for the organization of the dental office. The work of nurse and inferiority. Dental units, contemporary models. Devices and dispositives necessary for organizing the work of the dentist. Notions of ergonomic in dentistry.	1	2	1	3
	Dental equipment for patient examination, preparation and filling of carious cavities.				
2.	Classification of dental instruments. Tools required for patient examination. Components of the dental mirror. Dental probes, their application. Dental tweezers, types. Hand tools for dental caries preparation. Rotary tools for dental caries preparation. The feature of cavity filling tools.		2	1	4
3.	Methods of instruments sterilization. Service obligations of medical staff in the dental office. Triage of medical waste. Totalization. List the sterilization methods in dentistry. How to perform mechanical machining of instruments before sterilization. Chemical processing of instruments in the stages preceding sterilization. Sterilization by steam treatment under pressure. Hot air method of sterilization. Cold method of sterilization of instruments. Sterilization of dentistry tools. Name devices for instruments sterilization and frees. List the inferior labor obligations. Rules for sorting medical waste.	1	2	1	3
	Dental caries. Classifications. Classical and modern principles of carious				
4.	cavity preparation. Dental caries. Classification of dental caries after Black, by depth and by clinical development. The classic and modern principles of carious cavity preparation. Conditions for painless preparation dental hard tissue.	1	2	1	3
5.	Preparation of Class I cavities after Black. Varieties. Stages of preparation of dental caries cavities. Name the elements of the prepared cavity. The indications for each stage. The technique for opening and enlarging the dental caries cavity. Tools needed to open and enlarge cavities.	1	2	1	6



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Nr.			Number of hours		
d/o	THEME	Lectur			
	Excision of decrepit dentine (necrectomy). Variants of carious cavities of class	es	nars	ce	dual
	I. Preparation of the caries cavity bottom. The formation of class I cavities,				
	scope and the technique of making.				
	Preparation of carious cavities Class II after Black. Varieties.				
	Which carious cavities are attributed to the class II. List the variants of class				
	II cavities. What is the order of preparation of the second class cavities. Access routes to the cavities of class II. Definition of the accessory cavity.				
6.	Characteristic. Characterize the vertical and horizontal cavities in the	1	2	1	6
	preparation of class II cavities. Name the elements of the second-class cavity.				
	· ·				
	Caracterize the exigencies for the formation of the pregingival wall of the				
	second class cavities.				
	Preparation of carious cavities Class III, IV after Black. Varieties.				
	Which cavities are assigned to Class III. Variants of Class III cavities. Access				
	ways in the preparation of the third class cavities. The exigencies for Class III				
_	cavities. Doctor's attitude towards adamantine vestibular walls in the	1	2	1	-
7.	preparation of class III cavities. Caracteristics of the exigencies for the	1	2	1	6
	formation of the pregingival wall of the class III cavities. Which cavities are				
	attributed to the Class IV. Variants of Class IV carious cavities. The routes of				
	access cavities in the preparation of the class IV. The exigencies for Class IV				
	cavities.				
	Preparation of carious cavities Class V-a, VI after Black. Varieties.				
	Totalization.				
	Which cavities are assigned to Class V. Variants of Class V cavities. List the				
8.	elements of carious cavities Class V. Which are the variants of additional	1	2	1	6
	cavities in the Class V. Which cavities are attributed to the Class V. Variants				
	of Class VI carious cavities. The routes of access cavities in the preparation				
	of the class VI. The exigencies for for Class VI cavities.				
	Preparation of atypical and deep carious cavities.				
	Atypical cavities. The preparation and the formation mode of these cavities.				
9.	The term deep carious cavity. The particuliarities of the preparation of deep	1	2	1	6
	cavities of grades I-VI. Name the necessary tools for the preparation of deep	1	-	1	Ŭ
	carious cavities. The particuliarities of the formation of the bottom of the				
	deep cavity.				
	Techniques of isolation the operator field.				
	Saliva ejectors, varieties. Cotton rolls, uses. Definition of rubber dam. Rubber				
10.	dam components, uses, variants of clips. Advantages and disadvantages of the		2	1	6
	rubber dam. Preparing diges. Methods of application of rubber dam on the				
	operator field.				
	Curative and temporary fillings.				
	Temporary fillings materials. Requirements for temporary materials.				
11	Characteristic of artificial dentin and dentin-paste. Methods of preparation and	1	2	1	6
11.	application of temporary fillings materials. Name the curative paste groups.	1	L	1	6
	The purpose of applying these pastes. How to apply curative pastes.				
	Mechanism of action of curative pastes.				



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arr es nars ce dual Closure of carious cavities with amalgam. Sanding and polishing fillings. The notion of amalgam. Classification of dental amalgam. Presentation mode. Mixing technique (by amalgamation). Indications for use. Contraindications for application. Advantages and disadvantages of amalgam fillings. Instruments and devices necessary for working with dental amalgams. The insertion of the dental amalgam into the cavity. The filling technique of Class I cavities. The filling technique of Class II cavities. Setting time of amalgams. Finishing amalgam fillings. 1 2 1 5 Objecting the cavity cavities with glass ionomeric cements and compomers. Sanding and polishing fillings. Totalization. Definition of glass ionomer cement. Characteristics. Presentation mode. Mixing technology. Indications for use. Contraindications for application Advantages and disadvantages of glass ionomer cement application technique. Compomers. Indications, contraindications for the application technique. Compomers. Advantages and disadvantages of composite materials. Filling of carious cavities with composite materials (chemical and ligh curred). Sanding and polishing of fillings. Definition of composite material. Classification of composite materials. The mixing technique of chemical composites. Indications and contraindications for application. Advantages and disadvantages of composite fillings. Color selection. The application technique of chemical composites. Application technique of light-curing composites. Personal protection methods. Sanding and polishing of the fillings. 1 2 1 5 Adhesive technique. Generations. Definition of smear layer. Definition of adhesive system, components. Algorithm of use for different generati	Nr.	THEME	Number of hour			
Closure of carious cavities with amalgam. Sanding and polishing fillings. The notion of amalgam. Classification of dental amalgam. Presentation mode. Mixing technique (by amalgamation). Indications for use. Contraindications for application. Advantages and disadvantages of amalgam fillings. Instruments and devices necessary for working with dental amalgams. The insertion of the dental amalgam into the cavity. The filling technique of Class I cavities. The filling technique of Class II cavities. Setting time of amalgam. Finishing amalgam fillings.1215Objecting the cavity cavities with glass ionomeric cements and compomers. Sanding and polishing fillings. Totalization. Definition of glass ionomer cement. Characteristics. Presentation mode. Mixing technology. Indications for use. Contraindications for application technique. Compomers. Indications, contraindications for the application technique. Compomers. Advantages and disadvantages of composite materials. The compomers. Advantages and disadvantages of composite fillings. Sanding and polishing fillings.1212Filling of carious cavities with composite materials (chemical and ligth cured). Sanding and polishing of fillings. Definition of composite material. Classification of composite materials. The mixing technique of chemical composites. Application technique of light-curing composites. Personal protection methods. Sanding and polishing of the fillings.1212113.Filling of the fillings. domine technique of the front and lateral tech group. Particularities of extensive restorations. Advantages and disadvantages.Definition of adhesive. Advantages and disadvantages.1215Stepster techniques de the front and lateral tech group.			Lectur es	Semi- nars	Practi ce	Indivi dual
compomers. Sanding and polishing fillings. Totalization. Definition of glass ionomer cement. Characteristics. Presentation mode. Mixing technology. Indications for use. Contraindications for application. Advantages and disadvantages of glass ionomer cement application technique. Compomers. Indications, contraindications for the application technique. Compomers. Indications, contraindications for the application technique. Compomers. Advantages and disadvantages of compomer fillings. Sanding and polishing fillings.1215Filling of carious cavities with composite materials (chemical and ligth cured). Sanding and polishing of fillings. Definition of composite material. Classification of composite materials. The mixing technique of chemical composites. Indications and contraindications for application. Advantages and disadvantages of composite materials. Color selection. The application technique of chemical composites. Application 	12.	The notion of amalgam. Classification of dental amalgam. Presentation mode. Mixing technique (by amalgamation). Indications for use. Contraindications for application. Advantages and disadvantages of amalgam fillings. Instruments and devices necessary for working with dental amalgams. The insertion of the dental amalgam into the cavity. The filling technique of Class I cavities. The filling technique of Class II cavities. Setting time of amalgams.	1	2	1	5
cured). Sanding and polishing of fillings. Definition of composite material. Classification of composite materials. The mixing technique of chemical composites. Indications and contraindications for application. Advantages and disadvantages of composite fillings. Color selection. The application technique of chemical composites. Application technique of light-curing composites. Personal protection methods. Sanding and polishing of the fillings.1215Adhesive techniques. Generations. Definition of smear layer. Definition of hybrid layer. Classification of adhesive systems. Etching, application ways. Definition of adhesive system, components. Algorithm of use for different generations of adhesive. Advantages and disadvantages.1215The restoring technique of the front and lateral teeth group. Particularities of extensive restorations. Color selection rules. Principles of restoration of the morphological structures of the frontal and lateral teeth.1215Minimally invasive treatment methods for dental caries. Totalization. Minimally invasive methods for the preparation of carious cavities. Definition of the fluid light-curing composite in dental restorations. Advantages and disadvantages of the light-curing composite fluid type. Application technique. 		compomers. Sanding and polishing fillings. Totalization. Definition of glass ionomer cement. Characteristics. Presentation mode. Mixing technology. Indications for use. Contraindications for application. Advantages and disadvantages of glass ionomer cement fillings. Requirements for basic obturation. Glass ionomer cement application technique. Compomers. Indications, contraindications for the application of the compomers. Advantages and disadvantages of compomer fillings. Sanding and polishing fillings.	1	2	1	5
Definition of smear layer. Definition of hybrid layer. Classification of adhesive systems. Etching, application ways. Definition of adhesive system, components. Algorithm of use for different generations of adhesive. Advantages and disadvantages.1215The restoring technique of the front and lateral teeth group. Particularities of extensive restorations. Color selection rules. Principles of restoration of the morphological structures by layers. Techniques and methods of restoration of the morphological structures of the frontal and lateral teeth.1215Minimally invasive treatment methods for dental caries. Totalization. Minimally invasive methods for the preparation of carious cavities. Definition of the fluid light-curing composite material. Indications and contraindications in the use of these composites in dental restorations. Advantages and disadvantages of the light-curing composite fluid type. Application technique.121216.I211212	13.	cured). Sanding and polishing of fillings. Definition of composite material. Classification of composite materials. The mixing technique of chemical composites. Indications and contraindications for application. Advantages and disadvantages of composite fillings. Color selection. The application technique of chemical composites. Application technique of light-curing composites. Personal protection methods. Sanding	1	2	1	5
15.Particularities of extensive restorations. Color selection rules. Principles of restoration of dental structures by layers. Techniques and methods of restoration of the morphological structures of the frontal and lateral teeth.1215Minimally invasive treatment methods for dental caries. Totalization. Minimally invasive methods for the preparation of carious cavities. Definition 	14.	Definition of smear layer. Definition of hybrid layer. Classification of adhesive systems. Etching, application ways. Definition of adhesive system, components. Algorithm of use for different generations of adhesive.		2	1	5
Minimally invasive methods for the preparation of carious cavities. Definition of the fluid light-curing composite material. Indications and contraindications in the use of these composites in dental restorations. Advantages and disadvantages of the light-curing composite fluid type. Application technique.1212Sanding and polishing of the filling.121212	15.	Particularities of extensive restorations. Color selection rules. Principles of restoration of dental structures by layers. Techniques and methods of	1	2	1	5
Total 17 34 17 82	16.	Minimally invasive methods for the preparation of carious cavities. Definition of the fluid light-curing composite material. Indications and contraindications in the use of these composites in dental restorations. Advantages and disadvantages of the light-curing composite fluid type. Application technique.		2	1	2
		Total	17	34	17	82

VI. REFERENCE OBJECTIVES AND CONTENTS UNITS



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Objectives	Contents units					
	s. Ergonomics in dentistry. Dental Instruments.					
Methods of sterilization of instruments. Classical and modern principles of carious cavity						
preparation.						
 ✓ to know the role of dental practitioner in social life; ✓ to define the notion of conservative and restorative preclinical odontotherapy, its objective and its tasks; ✓ to clarify the basic principles of dental care organization; ✓ to know the requirements of the organization of a dental office; Preparation of carious cavities of class I, II, II 	The role of dental practitioner. Object and tasks. Forms of dental care. Basic principles of dental care organization. Requirements for the arranging and organization of the cabinet. Personal hygiene rules. The appearance of the dentist in the medical institution.					
	i, iv, v, vi alter black, ucep and atypical					
cavities.Varieties.						
 to know the particularities of the carious cavities after Black; to know the particularities of the carious cavities depending on their depth; to know the peculiarities of preparation of the class I, II, III, IV, V, VI atypical cavities; to know the particularities of preparation of minimally invasive carious cavities 	Classification of carious cavities after Black. Topographic classification of dental decay. Particularities of preparation of carious cavities after Black. Particularities of preparing minimally invasive cavities.					
Isolation technique of operator field. Filling	carious cavities with: dental amalgam, glass					
ionomeric cements, compomers and composite						
 ✓ to know how to use the saliva ejector; ✓ to know how to use cotton roles; ✓ to be able to describe the rubber-dam set ✓ to be able to insert dig on the operator field; ✓ to know the rules of filling cavities with amalgam; ✓ to know the rules of filling the carious cavities with glassionomer cements and compomers; ✓ to know the rules of filling the carious cavities with composite materials (chemical and light-cured). 	Saliva ejector, definition and use. Cotton rolls, definition and use. Rubber dam, definition and components. Techniques for inserting rubber dam on the operator field Rules for filling cavities with amalgam. Rules for filling cavities with glassionomer cement and compomers Rules for filling cavities with composite materials (chemical and light-cured).					
Adhesive techniques. Restoration techniques for the frontal and lateral teeth. Treatment methodes of dental decay.						
 ✓ to know the notion of smear layer; ✓ to know the notion of hybrid layer; ✓ classification of adhesive systems, application methods; ✓ the algorithm of use for different generations of adhesives. Advantages and disadvantages. 	Particularities of extensive restorations. Color selection rules. Principles of restoration of dental structures by layers. Techniques and methods of restoration of the morphological structures of the frontal and lateral teeth. Minimally invasive preparation of carious cavities.					



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Objectives

Contents units

VII. PROFESSIONAL COMPETENCES (SPECIFIC (CS) AND TRANSVERSAL (CT)) AND STUDY OUTCOME

Professional competences (specific) (CS)

CP1: Norms and requirements for the organization of the dental office. Dental unit, components and models. Structure of the dental clinic. The work place of assistant and orderly. Service obligations.

CP2: Knowledge of dental instruments. Manual instrumentation for examination of the patient and the methods of using, manual preparation instruments of hard tissue and modeling fillings material. Knowledge of mixing methods and tools.

CP3: Knowledge of isolation methods and instruments of the operator field. Correct use of cotton roles, saliva ejector. Knowledge of rubber dam and how to use it.

CP4: Knowledge of the principles of modern and clasical preparation of carious cavities. Classification of carious cavities by Black. Variations of dental decay depending on depth.

CP5: Knowledge of the method of filling cavities with amalgam, glass ionomeric cements, compomers, composite materials (chemical and light-cured), sanding and polishing them.

CP6: Knowledge of sterilization methods of dental instruments. Rules of asepsis and antisepsy in the dental office.

Transversal competence (CT)

CT1: Applying professional standards of assessment, acting according to professional ethics, as well as the provisions of the legislation in force. Promoting logical reasoning, practical applicability, assessment and self-assessment in decision-making.

CT2: Performing activities and exercising the roles specific to team work within the dental office. 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, in order to deliver quality services and adapting to the dynamics of policy requirements in health and for personal and professional development.

Study finalizations

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

- know the basic principles, functional structure and organization of health care in the dental office, dental care in the Republic of Moldova;
- know the role and functions of the dentist in the healthcare organization system;
- promote healthy lifestyle and health education through speeches, papers, presentations, articles in specialized journals, etc.



CD 8.5.1 CURRICULUM DISCIPLINĂ PENTRU STUDII UNIVERSITARE

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Nr.	The expected product	Implementation strategies	Evaluation criterias	Deadline
Ι.		Read the lecture or the material in the manual on the subject. Reflecting on the topic in the questions. Knowledge and selecting additional information sources on the topic. Reading the text carefully and describe the essential content. Formulating generalizations and conclusions regarding the importance of the topic / subject.	The ability to extract the essentials. Interpretative skills. The ability to analyze and report the accumulated material on its own.	During the semester
2.		Solving case problems, arguing the conclusions at the end of each practical lesson. Verification of the finalities and appreciation of their achievement. Selection of additional information, using electronic addresses and additional bibliography.	The quality of solving the situation and case problems on the simulator, the ability to formulate the treatment plan and its realization. Ability to analyze selected information from national and	During the semester
			international professional websites.	
3.	dental instrumen	owledge of dental instruments. Eval	websites. uation of basic knowledge in ste	
3.	dental instrumen	owledge of dental instruments. Eval ts.	websites. uation of basic knowledge in ste	fice.
	dental instrumen Evaluation of kno Analysis of prepared carious	owledge of dental instruments. Eval ts. owledge regarding aseptic and antisep Observing the stages and technique of preparing the carious cavities after	websites. uation of basic knowledge in stepsic requirements in the dental off The evaluation of the correctness of carious cavity preparation based on the classic principles of preparation after	fice.



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IX. METHODOLOGICAL SUGGESTIONS FOR TEACHING-LEARNING-ASSESSMENT

✓ Teaching and learning methods used

In the teaching process of the discipline "**Conservative preclinical odontotherapy and restoration**" different teaching methods are used, oriented towards the efficient acquisition and achievement of the objectives of the didactic process. The course provides lectures, seminars, practical works and individual work. Courses are held in the third semester by the course owner (titular). The following forms of training are used in the practical work: frontal, individual activity, brainstorming sessions, group discussions, applied work on phantoms, case study. As a teaching aid, the specialized manuals are available in the university library, the methodological recommendations of the department's staff, tables, schemes, information sources in electronic format, national and international professional websites, etc. are available. Students receive individual assignments that are presented for group discussions, which subsequently assess the quality of individual work and practical skills. In order to acquire the didactic material and teambuilding, during the semester the students perform a mini-research in the field, the results of which are presented at the seminars and practical lessons organized in the last month of the semester.

Recommended *learning* methods are: *learning* theoretical *material* after lecture and manual; *observation* - identifying the characteristic features of doctor-patient communication; *analysis* - in the use of clinical and paraclinical examination methods of patients, as well as methods and stages of prevention, asepsis and antisepsis; *comparison* - analysis by comparison of the methods of collecting the anamnesis, of the paraclinical examination methods according to their advantages and disadvantages; *elaboration of the algorithm* - selection of the mandatory elements and elaboration of the patient consultation algorithm; *modeling* - identifying and selecting the elements necessary for modeling the situations when consulting patients, formulating the conclusions, argumentation and making the final decision.

Applied teaching strategies / technologies (specific to the discipline)

Face-to-face, individual, brainstorming, group discussion, clinical case analysis, teambuilding, clinical exam simulation, mini-research, comparative analysis.

✓ *Methods of assessment* (including the method of final mark calculation)

Current: Current checks during seminars and practical lessons, 4 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 grades from the totals, the average annual score is calculated.

Final: The course ends with an exam. The final grade is calculated based on the average annual mark. Marks 5 and above are equivalent as "confirmed", which is going to be entered in the notes book.. The average annual mark is expressed in numbers according to the scale.

Intermediate marks scale(annual average,	National Assessment	ECTS
marks from the examination stages)	System	Equivalent
1,00-3,00	2	\mathbf{F}
3,01-4,99	4	FX
5,00	5	E
5,01-5,50	5,5	L

Method of mark rounding at different assessment stages



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Intermediate marks scale(annual average,	National Assessment	ECTS
marks from the examination stages)	System	Equivalent
5,51-6,00	6	-
6,01-6,50	6,5	D
6,51-7,00	7	D
7,01-7,50	7,5	С
7,51-8,00	8	C
8,01-8,50	8,5	В
8,51-8,00	9	D
9,01-9,50	9,5	Α
9,51-10,0	10	A

Note: Absence on examination without good reason is recorded as "absent" and is equivalent to 0 (zero). The student has the right to have two re-examinations.

X. RECOMMENDED LITERATURE:

- A. Compulsory:
- 1. Lecture materials.
- Nicolau Gh., Terehov A., Năstase C., Nicolaiciuc V. Odontologie practică modernă. Iași, 2010, 448 p.
- 3. Mount G.J., Hume W.R. Conservarea și restaurarea structurilor dentare. București, 1999, 272 p.
- 4. Iliescu A.A., Gafar M. Cariologie și Odontologie restauratorie. București, 2006, 494 p.
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