



## CD 8.5.1 CURRICULUM DISCIPLINE

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**FACULTY OF STOMATOLOGY**  
**STUDY PROGRAM IN 0911.1 STOMATOLOGY**  
**DEPARTMENT OF PEDIATRIC ORAL AND MAXILLOFACIAL**  
**SURGERY, PEDODONTICS AND ORTHODONTICS**

APPROVED

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

Minutes No. 3 of 16.02.2018

President, PhD, MD, associate professor  
Stepco Elena *E. Stepco*

APPROVED

at the meeting of the Faculty Council of Stomatology

Minutes No. 6 of 20.02.2018

Dean of the Faculty  
PhD, DMD, university professor  
Ciobanu Sergiu *S. Ciobanu*

APPROVED

at the meeting of the Department of pediatric oral and maxillofacial surgery, pedodontics and orthodontics

Minutes No. 4 of 06.12.2017

Head of the Department,  
PhD, MD, associate professor  
Railean Silvia *S. Railean*



**CURRICULUM**  
**DISCIPLINE PEDIATRIC ORAL AND MAXILLOFACIAL**  
**SURGERY**

(S.09.O.109)

**Integrated Studies**

Type of course: **Obligatory discipline**

Chişinău, 2018



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### I. PRELIMINARY

- ***General presentation of the discipline:***

Pediatric oro-maxillo-facial surgery - clinical discipline, university studies allow the future dentist to assimilate the diagnosis, clinical picture, treatment, rehabilitation, prevention of surgical diseases in children and organize medical care for children.

Pediatric oro-maxillo-facial surgery is a difficult, multicomponent specialty, and the training of the dentist acting clinician in terms of the particularities of the growing organism requires the deposition of all forces, long time and energy.

The pediatric oro-maxillo-facial surgery is the teaching of the material, the treatment of children with surgical pathology of the oro-maxilo-facial region, the practical application of the knowledge to the contemporary requirements in order to contribute to accelerating the accomplishment of the task of improving the health of the children.

- **Curriculum Purpose in Profesional Training:** Students theoretical and practical training on aetiology, diagnosis, clinical picture, treatment and prevention of oro-maxilo-facial surgical disorders in children.
- **Languages of the teaching subject:** romanian, english;
- **Beneficiaries:** students of the fifth year of the Stomatology Faculty.



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### II. ADMINISTRATION OF THE DISCIPLINE

Discipline code		<b>S.09.O.109</b>	
Name of discipline		<b>Pediatric oral and maxillofacial surgery</b>	
Responsible for discipline		<b>Railean Silvia</b> , PhD, associate professor	
The year	<b>V</b>	Semester	<b>IX</b>
Total hours including:			<b>90</b>
Lecture	<b>22</b>	Practical lessons	<b>39</b>
Seminars	<b>16</b>	Individual work	<b>13</b>
Evaluation form	<b>E</b>	Number of credits	<b>3</b>



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### III. OBJECTIVES OBTAINED IN TEACHING THE DISCIPLINE

- **at the level of knowledge and understanding:**

- ✓ to know the basics of pediatric oro-maxilo-facial surgery;
- ✓ to know the methods of anesthesia;
- ✓ to know the particularities of the dental extraction operation;
- ✓ to know the diagnosis, treatment and prophylaxis of inflammatory diseases;
- ✓ to know the diagnosis, treatment of soft tissue lesions;
- ✓ to know the diagnosis, treatment of dental and maxillary trauma in children and adolescents;
- ✓ to know the instrumentation and devices required for a pediatric oro-maxilo-facial surgery room;
- ✓ to know the stages of rehabilitation of children at different ages;
- ✓ to know the methods of post-operative rehabilitation depending on the child's health group;
- ✓ to know the indications of surgical treatment of inflammatory processes and traumas in hospital and polyclinic conditions.

- **at the level of application:**

- ✓ to establish psychological and verbal contact with children of different ages;
- ✓ to establish contact with parents in the treatment of children;
- ✓ to achieve palpation of soft tissues and facial bones, lymph nodes, salivary glands;
- ✓ to perform thermo-diagnostics and electro-diagnostics of teeth;
- ✓ to perform teeth extraction in children and adolescents;
- ✓ to open the subperiosteal abscesses;
- ✓ to perform dressings in children and adolescents;
- ✓ to immobilize the traumatized teeth;
- ✓ to perform infiltrative, truncular and applicative anesthesia in children;
- ✓ to interpret radiographs, orthopantomograms and tomograms;
- ✓ to apply the knowledge gained in assessing clinical tests;
- ✓ to solve clinical situation problems;
- ✓ to probe the salivary gland channels;
- ✓ to solve the situation problems.



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- **at the level of integration**

- ✓ to appreciate the importance of the paediatric Oral and maxillofacial surgery in Medicine area;
- ✓ to be able to approach basic medical problems and clinical problems;
- ✓ to deduct the relations between paediatric maxillo-facial surgery and other clinical subjects;
- ✓ to possess the skills of implementation and integration of the acquirements from clinical subjects;
- ✓ to be able to estimate objectively the knowledge in dentistry department;
- ✓ to be able to assimilate and apply new achievements in pediatric oral and maxillofacial surgery;
- ✓ to be able to implement the knowledge gained in the research activity;
- ✓ to be competent to use critically and with confidence the scientific information obtained using the new information and communication technologies;
- ✓ 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;
- ✓ to be able to learn how to learn, which will contribute to the management of the professional path;
- ✓ to be able to objectively evaluate and self-assess knowledge in the field of surgery;
- ✓ to be able to assimilate new achievements in pediatric oro-maxillo-facial surgery.



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### IV. PROVISIONAL TERMS AND CONDITIONS

Good knowledge of the discipline requires thorough knowledge of fundamental medicine, oro-maxilo-facial surgery, therapeutic dentistry, orthopedic dentistry, etc.

Student of year V requires the following:

- knowledge of the language of teaching and observance of ethical-moral and professional norms in patient relations;
- confirmed competences in lyceum sciences (biology, chemistry, physics);
- digital skills (using the internet, document processing, electronic tables and presentations, using graphics software);
- skills obtained at preclinical and clinical dental disciplines: pediatric oro-maxilo-facial surgery, dental propedeutics; odontology, orthopedic dentistry, prophylaxis of dental diseases;
- qualities - tolerance, compassion, autonomy;
- knowing the anatomic and physiological particularities of the OMF territory;
- knowing the principles of team health care with specialists of different profile;
- knowledge of post-operative health care.



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### V. MAIN THEME OF THE COURSE

Nr	Theme	Number of hours			
		Lecture	Semi-nars	Prac-tical	Indivi-dual
1	Anesthesia in the Dental Clinic for Children. Methods of local anesthesia. Acquiring local anesthesia techniques for children in outpatient practice. Indications and contraindications for general anesthesia in dental practice for children. Tooth treatment and ambulatory surgery performed under general anesthesia.	3	2	5	2
2	Dental extraction operation in children. Acquiring the technique of extracting temporary and permanent teeth in children of different ages.	2	2	5	2
3	Inflammatory diseases in children of different ages. Diagnosis. Inflammatory affections of soft tissues. Lymphadenitis. Clinical picture, diagnostic methods, treatment, prognosis.	3	2	4	2
4	Abscess, phlegmon, adenophlegmon in children. Clinical picture, diagnostic methods. Treatment.	2	1	4	1
5	Periostitis. Overall clinical characteristic. Acute odontogenic purulent periostitis from temporary and permanent teeth. Clinical picture, evolution, diagnostic methods, complications, prognosis. The chronic periostitis of the jaws. Methods of treatment of acute and chronic forms of the disease. Anesthesia and treatment planning. Organization and indication to children's hospitalization.	2	2	5	1
6	Odontogenic inflammatory processes. Acute and chronic osteomyelitis of the jaw. Etiology and pathogenesis. Clinical picture of acute and chronic odontogenic osteomyelitis of the jaws. Predisposing factors. Diagnostic methods. Methods of treatment of children with acute and chronic osteomyelitis of the jaws (in polyclinic and stationary conditions). Complications. Prognosis of disease progression.	3	2	4	1
7	Acute haematogenic osteomyelitis of the jaws in children. Etiopathogenesis. Diagnostic methods, clinical picture. Particularities of treatment. Complications and prognosis.	2	1	4	1
8	Trauma. Small soft tissue damage in children. Clinical forms of dental trauma and alveolar processes. Diagnostic methods. Medical assistance under ambulatory conditions. Indications for the hospitalization of children. Traumatism of soft facial tissues. Principles of healthcare. Sequence of soft tissue trauma and secondary complications related to these.	3	2	4	2
9	Jaw trauma. Methods of diagnosis and medical first aid. Specialized medical assistance. Prognosis. Methods of rehabilitation of children with traumatic injuries.	2	2	4	1
	Total	22	16	39	13



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### VI. REFERENCE OBJECTIVES AND CONTENTS UNITS

Objectives	Contents Units
<b>Theme (Chapter) 1. Anesthesia in children.</b>	
<ul style="list-style-type: none"> <li>to define the definition of anesthesia;</li> <li>to be familiar with the classification of local anesthesia;</li> <li>to know the anatomic-physiological particularities in anesthesia's aspect in children;</li> <li>to know the anesthetics used in local anesthesia;</li> <li>to know and to perform the technique of topic, infiltrative, and truncular anesthesia in children;</li> <li>to know the purpose and to realize the premedication method in children;</li> <li>to know the indications, contraindications and classification of general anesthesia (narcosis);</li> <li>to know the methods of reanimation in children;</li> <li>to apply the knowledge acquired to other disciplines;</li> <li>to formulate conclusions.</li> </ul>	<p>Anesthesia in children.</p> <p>Classification, particularities of local anesthesia, anatomic and physiological particularities in children, local anesthesia technique in children, particularities and methods of resuscitation.</p> <p>Anatomic and topographic features in block anesthesia in children.</p> <p>Particularities of local and general anesthesia complications in children.</p>
<b>Theme (Chapter) 2. Dental extraction in children.</b>	
<ul style="list-style-type: none"> <li>to define the definition of dental extraction operation;</li> <li>to know the indications and contraindications of extracting primary and permanent teeth in children and adolescents;</li> <li>to know the particularities and to be able to perform dental extraction in children and adolescents;</li> <li>to know the causes of dental complications complications in children, their prophylaxis;</li> <li>to apply the knowledge gained in other disciplines;</li> <li>to formulate conclusions.</li> </ul>	<p>Dental extraction of primary and permanent teeth in children and adolescents.</p> <p>Appreciation of the particularities of the dental extraction operation in children and adolescents.</p> <p>Post-surgical haemostasis.</p> <p>Rehabilitation of children with post-extraction complications.</p> <p>Particularities of the operating technique in relation to the forms of root resorption.</p> <p>Indications of surgical treatment under hospital and polyclinic conditions.</p>
<b>Theme (Chapter) 3. Inflammatory soft tissues diseases (furunculus, carbuncle), salivary glands diseases in children.</b>	
<ul style="list-style-type: none"> <li>to know the classification of inflammatory diseases of soft tissues (furunculus, carbuncle) in</li> </ul>	<p>Furuncle, carbuncle in children of different ages.</p>





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Objectives	Contents Units
<p>children;</p> <ul style="list-style-type: none"> <li>to know the etiopathio-patholgo of the furuncle and carbuncle in the children;</li> <li>to know and be able to perform the clinical examination, the diagnosis in children with furuncle and carbuncle;</li> <li>to know the treatment of the furuncle and the carbuncle;</li> <li>to apply the knowledge acquired to other disciplines;</li> <li>to know the classification, ethology of inflammatory diseases of the salivary glands in children;</li> <li>to know the diagnostic methods and the clinical picture of sialadenities in children;</li> <li>to know and realize the methods of examination;</li> <li>to know the methods of treatment of sialadenities in children;</li> <li>to apply the knowledge acquired to other disciplines;</li> <li>to formulate conclusions.</li> </ul>	<p>Causes.</p> <p>Evolution, clinical and treatment features.</p> <p>Inflammatory diseases of the glands in children, classification, etiology, diagnostic methods, treatment. Indications of surgical treatment under hospital and polyclinic conditions.</p>
<b>Theme (Chapter) 4.</b> Odontogenic infections (abscess, phlegmon), adenitis in children.	
<ul style="list-style-type: none"> <li>to know the classification, etiology of abscesses, odontogenic phlegmon in children;</li> <li>to know and to perform the methods of examination, diagnosis of abscesses and phlegmons in children;</li> <li>to know the clinic and the methods of treatment of abscesses and phlegmons in children;</li> <li>to know the classification, etiology of adenitis in children;</li> <li>to know the anatomic particularities of lymphatic system in children;</li> <li>to know the clinical picture, the evolution of adenities and adenophlegmon;</li> <li>to know the methods of treatment of adeniteis;</li> <li>to know the complications and methods of prevention of abscesses, phlegmons and adenities</li> </ul>	<p>Odontogenic infections (abscess, phlegmon), adenitis, adenophlegmon in children.</p> <p>The anatomo-topographic features of the deep and superficial spaces of the OMF region.</p> <p>Etiopathogenesis, diagnostic methods, evolutionary characteristics, clinic, complications.</p>



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Objectives	Contents Units
<p>in children;</p> <ul style="list-style-type: none"> <li>• apply the knowledge gained in other disciplines;</li> <li>• to formulate conclusions.</li> </ul>	
<b>Theme (Chapter) 5.</b> Odontogenic inflammatory diseases of the jaw (periostitis) in children.	
<ul style="list-style-type: none"> <li>• to know the classification, the etiology of periostitis in children;</li> <li>• to know and be able to perform the examination and diagnosis of childhood periostitis;</li> <li>• to know the peculiarities of clinical development of periostitis in children;</li> <li>• to know the methods of treatment and to perform the periostomy;</li> <li>• to apply the knowledge gained in other disciplines;</li> <li>• to formulate conclusions.</li> </ul>	<p>Periostitis in children, classification, diagnosis, clinical development and pediatric treatment.</p> <p>Differential diagnosis of acute periostitis.</p> <p>Rehabilitation of children with acute periostitis and post-treatment.</p> <p>Indications of surgical treatment under hospital and polyclinic conditions.</p>
<b>Theme (Chapter) 6.</b> Odontogenic osteomyelitis of jaws in children.	
<ul style="list-style-type: none"> <li>• to know the classification, the etiopathology of odontogenic osteomyelitis in children;</li> <li>• to know and be able to perform the examination and diagnosis of osteomyelitis in children;</li> <li>• to know the particularities of clinical evolution of odontogenic osteomyelitis in children;</li> <li>• to know the methods of treatment, the complications of odontogenic osteomyelitis;</li> <li>• apply the knowledge gained in other disciplines;</li> <li>• to formulate conclusions.</li> </ul>	<p>Odontogenic osteomyelitis in children, classification, diagnosis, clinical development, treatment of osteomyelitis in children, complications of osteomyelitis.</p> <p>Rehabilitation of children with odontogenic osteomyelitis depending on the age of the child.</p>
<b>Theme (Chapter) 7.</b> Hematogenic osteomyelitis of jaws in children.	
<ul style="list-style-type: none"> <li>• to know the classification, the etiology of haematogenic osteomyelitis in children;</li> <li>• to know and be able to perform the examination and diagnosis of haematogenic osteomyelitis in children;</li> <li>• to know the particularities of clinical development of haematogenic osteomyelitis in children;</li> <li>• to know the methods of treatment of haematogenous osteomyelitis;</li> </ul>	<p>Hematogenic osteomyelitis in children, classification, diagnosis, clinical development, treatment of osteomyelitis.</p> <p>Determination of the department in haematogenic osteomyelitis during the acute period.</p> <p>Principles of rehabilitation of children with haematogenic osteomyelitis in relation to complications.</p>



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Objectives	Contents Units
<ul style="list-style-type: none"> <li>• apply the knowledge gained in other disciplines;</li> <li>• to formulate conclusions.</li> </ul>	
<b>Theme (Chapter) 8.</b> Soft tissue lesions of the oral and maxillofacial region, dental trauma in children.	
<ul style="list-style-type: none"> <li>• to know the classification of the soft tissues lesions, dental trauma and alveolar processes, and their causes;</li> <li>• to know the particularities of clinical evolution of soft tissue injuries, dental traumas in children;</li> <li>• to perform the first surgical treatment of wounds in the maxillofacial region;</li> <li>• to achieve the fixation and immobilisation of the traumatized teeth;</li> <li>• apply the knowledge gained in other disciplines;</li> <li>• to formulate conclusions.</li> </ul>	<p>Soft tissue injuries, dental trauma, classification, diagnosis, clinical development, treatment.</p> <p>Determination of vital test of traumatized teeth.</p> <p>Stomatoscopia.</p> <p>Principles of primary surgical treatment in the child's age.</p> <p>Radiological examination in dental trauma.</p> <p>Appreciation of associated trauma.</p> <p>Hemostasis methods.</p> <p>Provisional teeth immobilization methods.</p> <p>Methods of keeping the avulsed tooth.</p>
<b>Theme (Chapter) 9.</b> Maxillofacial trauma (fractures) in children.	
<ul style="list-style-type: none"> <li>• to know the classification, etiology of maxillary trauma in children;</li> <li>• to know the anatomical particularities of the jaws, their role in determining the traumas;</li> <li>• to know the methods of diagnosis and treatment of maxillary trauma in children;</li> <li>• to achieve fixation and immobilization of traumatized jaws;</li> <li>• to know the complications, prophylaxis of the jaw (fractures) of jaws;</li> <li>• apply the knowledge gained in other disciplines;</li> <li>• to formulate conclusions.</li> </ul>	<p>Jaw maxillary trauma (fractures), classification, methods of diagnosing jaw fractures, methods of treatment, immobilization of jaw fractures, treatment.</p> <p>Paraclinical examinations MRI, CT, OPG, X-rays in various projections of facial massif in trauma.</p> <p>Appreciation of associated trauma.</p> <p>Provisional immobilization of jaws.</p>



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### VII. PROFESSIONAL COMPETENCES (PC) AND TRANSVERSAL COMPETENCES (TC) AND STUDY FINDINGS

#### ✓ PROFESSIONAL COMPETENCES (PC)

- PC1. A thorough knowledge of the particularities of structure, development of jaws, temporary and permanent teeth in children at different stages of development. A thorough knowledge of anesthesia, dental extraction technique in children.
- PC2. Elaboration of the plan for diagnosis, treatment and prevention of inflammatory diseases of soft tissues, maxillofacial region, adenites, sialoadenite, inflammatory diseases of jaws, dental and maxillary trauma, soft tissue injuries in children.
- PC3. Use of medical techniques, instrumental and laboratory investigations, digital technologies for the diagnosis and treatment of inflammatory diseases of soft tissues, maxillofacial region, adenites, sialoadenite, inflammatory diseases of maxillary, dental and maxillary trauma, soft tissue injuries in children.
- PC4. Performing various practical exercises and procedures in the diagnosis, treatment and prevention of inflammatory diseases of soft tissues, maxillofacial region, adenites, sialoadenite, inflammatory diseases of jaws, dental and maxillary trauma, soft tissue injuries in children.
- PC5. Planning, coordinating and conducting health promotion activities and prophylactic measures to improve health and prevent inflammatory diseases of soft tissues of the maxillofacial region, adenites, sialadenite, inflammatory diseases of the maxilla, dental and maxillary trauma, soft tissue injuries in children, and the implementation of rehabilitation plans.
- PC6. Knowledge of professional standards for assessment and quality assurance of surgical services for children with inflammatory diseases of soft tissues, maxillofacial region, adenite, sialoadenite, inflammatory diseases of the jaw, dental and maxillary trauma, soft tissue lesions. Knowledge of basic principles and functional structure of medical and dental care.

#### ✓ TRANSVERSAL COMPETENCES (TC)

- TC1. 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, evaluation and self-assessment in decision-making;
- TC2. Performing activities and exercising the roles specific to team work in medical institutions and especially in dental care. Promoting the spirit of initiative, dialogue, cooperation, positive attitude and respect for others, empathy, altruism and continuous improvement of their own activities;
- TC3. Systematic assessment of personal competencies, roles and expectations, application of self-assessments of learned processes, acquired skills and professionalisation needs, knowledge in information technologies, effective use of language skills, research and communication skills for quality dental services and



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adapting to the dynamics of policy requirements in health and for personal and professional development.

### ✓ STUDY FINDINGS

The student at the end of the course will be able to:

- to have the principles of peculiarities in local anesthesia in children in relation to age.
- to be able to determine the indications and contraindications of dental extraction in dentition and permanent training in relation to apexification and radicular resorption;
- to be able to perform the clinical examination, diagnosis of the odontogenic and non - odontogenic inflammatory diseases of the oro-maxillo-facial region
- to know the principles of urgent (local and general) health care at the stages of evacuation of the patient with soft tissue, maxillary and dental trauma;
- to be able to choose treatment methods in different surgical situations in children with inflammatory and traumatic processes.
- to carry out a plan to rehabilitate children in situations of inflammation and trauma in relation to the child's age and general condition
- to have multidisciplinary team management in children with trauma and inflammation processes
- to know the peculiarities of primary surgical treatment in the trauma of the oro-maxillo-facial region;
- to be able to choose treatment methods in relation to the child's psychological peculiarities according to the age of the child.



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### VIII. THE STUDENT'S INDIVIDUAL WORK

One of the least effective methods of pedagogical learning is passive obedience to courses, but practical performance is much more effective. For these reasons, the pediatric oral and maxillofacial surgery discipline gives priority to the individual practice of each student with the guidance of the teachers.

Nr.	The expected product	Implementation Strategies	Evaluation criterias	Deadline
1.	Working with information sources	Systematic work in the library and the media, reading the lecture. Exploring the current electronic sources on the topic under discussion. Reflection on the topic in the questions. Know and select additional information sources on the topic.	1. Quality of formed judgments, logical thinking, flexibility. 2. The quality of the systematization of the informational material obtained through its own activity.	During the semester
2.	Essay	Analysis of relevant sources on the topic of the paper. Analysis, systematization and synthesis of information on the proposed theme. Compilation of the report in accordance with the requirements in force and presentation to the chair.	1. The quality of systematization and analysis of the informational material obtained through its own activity. 2. Concordance of information with the proposed theme.	During the semester
3.	Case study analysis	Choice and description of the case study. Analysis of the causes of the issues raised in the case study. The work with the medical record and the systematisation of the stages of the anamnesis collection and the clinical examination. Prognosis of the case investigated. Students will prepare case information with schematic and graphics rendering in Power Point.	1. Analysis, synthesis, generalization of data obtained through own investigation. 2. Formation of an algorithm of knowledge based on the obtained conclusions. 3. Assess the correctness and succession of the analysis.	During the semester



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### IX. METHODOLOGICAL SUGGESTIONS FOR TEACHING-LEARNING-EVALUATION

- ***Teaching and learning methods used***

Discipline Pediatric oro-maxillo-facial surgery is taught in a classical manner: with lectures and practical papers. At the lectures the theoretical course is read by the course holders. In practical work students study the peculiarities of surgical medical care for children, diagnosis, clinical picture, treatment and prevention of oro-maxillofacial surgery in children.

In order to acquire deeper material, different semiotic systems (scientific language, graphical and computerized language) and teaching materials (tables, diagrams, photophotographs, transparencies) are used. Inside lessons and extracurricular activities are used Communication Technologies - PowerPoint presentations.

- ***Applied didactic strategies / technologies (discipline specific)***

Exposing, interactive lecture, group interview, debate, creative controversy, brainstorming, group work, individual study, working with textbook and text, case study, problem solving, role play, simulation, interactive listening.

- ***Methods of assessment (including an indication of how the final mark is calculated)***

At the Pediatric Oral and Maxillofacial Surgery, Pedodontics and Orthodontics Department are teaching students of the 5th year, from faculty of Stomatology at the discipline Pediatric Oral and Maxillofacial Surgery.

**Current:** frontal control or / and individually through:

- (a) the application of docimological tests,
- (b) solving problems / exercises,
- (c) analysis of case studies
- (d) playing role plays on the topics discussed.
- (e) control work

**Final:** exam.

At the Pediatric oral and maxillofacial surgery discipline is provided the promotion exam in the V –th year (semester IX). To the exam are not admitted the students with the annual average note under 5, as well as students who have not recovered absences from seminars and practical lessons.

The V-year promotion exam for Pediatric oro-maxillo-facial surgery is combined, consisting of the test-grid ("TestEditor") and oral test.

The test-grid consists of more than one variant and each of them include 100 tests with questions, from which 40 tests are simple choice and 60 are multiple choice tests. Students have 100 minutes to write the tests. Essay samples are assessed with note from 0 to 10.

For the oral part at Pediatric oral and maxillofacial surgery 90 questions are selected and consist 30 tickets in romanian and english. Each ticket contains 3 questions. The oral part is evaluated with note from 0 to 10.



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Exam subjects (tests and questions) are approved at the department meeting and are brought to the attention of the students at least 1 month until the session.

Student's answers are assessed with final marks including: annual average (coefficient 0.2), practical assessment (coefficient 0.3), test-grid sample (coefficient 0.2), and oral assessment (coefficient 0.3).

The average annual note is based on 3 totals, and the practical test is the average of the note of the practical lessons from the practical lessons.

Consultation for students are held before exams.

### Methods of note rounding

The weighted sum of the notes from the current assessments and the final examination	Final note	Equivalent ECTS
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
8,51-9,00	9	
9,01-9,50	9,5	A
9,51-10,0	10	

The average annual note and the notes of all the final examination (computer assisted, test, oral) - all will be expressed in numbers according to the scoring scale (according to the table), and the final obtained note will be expressed in two decimal digits will be transferred to the notes book.

**Mark:** Absence on examination without good reason is recorded as "absent" and is equivalent to 0 (zero). The student has the right to re-take the exam twice.





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### X. RECOMMENDED LITERATURE:

#### A. Compulsory:

1. Railean S., Lupan I., Poștari C., Bușmachi I. Curs practic de chirurgie orală și maxilo-facială pediatrică. Chișinău, 2003.
2. Колесов А.А. Стоматология детского возраста. Москва, Медицина, 1991.
3. Виноградовой Т.Ф., "Стоматология детского возраста" руководство для врачей под ред. проф. Москва, 1987.

#### B. Additional:

1. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. București. 1992.
2. Burlibașa C. (redactor) Chirurgie orală și maxilofacială. București. 1992.
3. Godoroja P., Burlacu V. Curs de stomatologie infantilă. Chișinău, 1991.
4. Гуцан А.Э. "Врожденные расщелины верхней губы и неба" - Кишинев, 1980.
5. Годорожа П.Д., Годорожа Н.М. "Опухоли головы и шеи у детей" - Кишинев, 1981.