

CHART OF DISCIPLINE/ SYLLABUS

1. Study Program Data

1.1 High Education Institution	“VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY OF TIMIȘOARA
1.2 Faculty	DENTAL MEDICINE
1.3 Department	II
1.4 Study Domain ¹⁾	HEALTH
1.5 Cycle Studies ²⁾	BACHELOR
1.6 Study programme/ Qualification	DENTAL MEDICINE (ENGLISH LANGUAGE)

2. Course Data

2.1.Course/Department	PEDODONTIC MANAGEMENT OF CHILDREN WITH ASSOCIATED DISEASES							
2.2 Course tutor	Lecturer Dr. Ștefania Dinu							
2.3 Practical activity tutors								
2.4. Year of study	V	2.5 Semester	I	2.6 Assessment	COLO CVIUM	2.7 Course rank	Content ³⁾	DS
							Mandatory /Compulsory ³⁾	DO

3. Duration/Estimated Time (number of hours/ semester of teaching activity)

3.1 Number of hours/ week	2	3.2 lecture/course	2	3.3 laboratory	
3.4 Total hours of curriculum	28	3.5 lecture/course	28	3.6 laboratory	
Time distribution for course activities					
Study support- manuals, lectures, references and notes					1
Additional documentation – library, dedicated platforms from domain					1
Documentation for seminars/ practical activity/ projects, themes, portfolios and essays					2
Tutoring					1
Assessment					2
Other activities					
3.7 Total number of hours for individual study	5				
3.8 Total number of hours per semester	25				
3.9 Number of credits⁵⁾	1				

4. Preconditions (if applicable and requested)

4.1 Courses- studied curriculum / rules for attending the course	
4.2 Practical activities/seminars/projects studied curriculum, basic skills/ rules for attending the course	

5. Condition (if applicable and requested)

5.1 Courses	<ul style="list-style-type: none"> Mobile phones will be closed during classes, telephone conversations are not tolerated during the course, and students may not leave the classroom for personal phone calls; It will not be tolerated that students are late for the course, as it proves to be disruptive to the educational process; Presence in the course is mandatory, with a maximum of 50% absences accepted.
5.2 Laboratory/practical activity/ project	<ul style="list-style-type: none">

6. Key competencies and basic skills

Professional Competencies	<ol style="list-style-type: none"> 1. Development of an appropriate medical vocabulary in the medical practice. 2. Knowledge of the etiology, prevalence, incidence, classification and clinical manifestations of general conditions that can influence the oro-dental sphere. 3. Understanding the influence of general disorders on growth and development. 4. Knowledge of hematological, respiratory, cardiac, genetic conditions and their influence on the therapeutic decision, as well as the effects of usual medication in such conditions. 5. Knowledge of therapeutic principles and protocols of interdisciplinary collaboration in the case of child patients with associated conditions.
Transversal Competencies	<ol style="list-style-type: none"> 1. Identifying the roles and responsibilities in a multidisciplinary team. 2. Application of communication techniques and effective work within the team to facilitate future interdisciplinary collaborations. 3. Identification of the objectives to be achieved, the available resources, the conditions for their completion, work stages, working times, deadlines and related risks. 4. The use of information resources and communication resources and assisted professional training (internet, specialized software applications, databases, online courses, etc.) both in Romanian and in an international language.

7. Disciplines/Course objectives (based on the key competences)

7.1 Disciplines/Course general objectives	<ol style="list-style-type: none"> 1. Identification of the main general conditions in the hematological, cardiac, genetic, respiratory, psychological spheres together with their effects on oral health of child patients.
7.2 Disciplines/Course specific objectives	<p>Acquiring theoretical and practical knowledge for:</p> <ol style="list-style-type: none"> 1. Establishing the need for dental treatment in the case of patients with associated conditions. 2. Drug interactions between the current treatment of the child patient and the substances used in pedodontics. 3. Early identification of dento-maxillary anomalies with the development of the interdisciplinary treatment plan. 4. The interdisciplinary collaboration of the attending physician, the family physician and the pediatric dentistry specialist. 5. Peculiarities of dental treatment of child patients with associated conditions.

8. Content

8.1 Course	Teaching method	Number of hours	Notification
1. The importance of the dental office environment. Equipment necessary for the treatment of patients with associated pathologies.	<ul style="list-style-type: none"> • Oral lecture supported with the help of structured, interactive Powerpoint (PPT) presentations according to the topic, accompanied by a rich and suggestive iconography. • The PPT presentations contain suggestive images, tables and diagrams of the mechanisms and manifestations of the pathological 	2	
2. Management of patients with psychological trauma		2	
3. The difficulties of pedodontic treatment in children with disabilities		2	
4. Pedodontic approach to children with neurological impairment - Cerebral palsy		2	
5. Genetic syndromes with dento-maxillary implications		2	
6. The clinical-therapeutic approach of patients presenting dental number anomalies		2	
7. Use of anesthetic substances in the case of patients with associated		2	

conditions	conditions as well		
8. Management of patients with cleft lip and palate	as questions from the material	2	
9. Management of patients with leukemic conditions	covered.	2	
10. Management of patients with hemophilia	• The informative material is continuously	2	
11. Management of patients with respiratory diseases	adapted with the latest information in the field of	2	
12. Management of patients with heart disease. Prophylaxis of bacterial endocarditis	pathophysiology of the studied	2	
13. Management of patients with HIV, AIDS	diseases, describing the	2	
14. Management of patients with viral conditions	implications of the different diseases for dental medicine.	2	
	• Each course presents the educational objectives at the beginning and ends with the summary of the presented concepts.		

Mandatory references:

1. Course notes, 2023
2. Bica Cristina – Pedodonție – diagnostic și tratament, Ed. University Press, 2013
3. Angus Cameron, Richard Widmer – Handbook of Pediatric Dentistry, Elsevier, 2021
4. Elisabeta Bratu, Florica Glăvan (coord.) – PRACTICA PEDODONTICĂ, Ed. Orizonturi Universitare, Timișoara, 2005
5. Florica Glăvan, Camelia Szuhaneck, Ștefania Dinu – Patologia orală a copilului, Ed. Nagard, 2009
6. Adriana Bălan, Irina Zetu – Managementul preventiv și interceptiv al afecțiunilor stomatologice la copil și adult tânăr, Ed. "Gr.T.Popa" U.M.F. Iași, 2016

Optional bibliography:

1. Arthur J Nowak, John R. Christensen, Tad R. Mabry, Janice Alisa Townsend, Martha H. Wells - Pediatric Dentistry: Infancy through Adolescence, 6th, ISBN: 9780323608268, 2019
2. Angus C. Cameron, Richard P. Widmer, Handbook of Pediatric Dentistry, 5e, ISBN 9780702079856, 2022
3. Jeffrey A Dean, James E. Jones, LaQuia A. Walker Vinson, Brian J. Sanders, Juan Fernando Yepes - McDonald and Avery's dentistry for the child and adolescent, Elsevier, St. Louis, Missouri, ISBN: 9780323698207, 2022

9. Correlations between the content of the course and the requirements of the professional field and relevant employers

The student is familiar with the characteristics, signs and treatment of general conditions and the particularities of pedodontic treatment in their case.

10. Assessment

Activity	10.1 Assessment criteries	10.2 Assessment methods	10.3 Percentage of the final grade

10.4 Course	<i>Knowledge for grade 5</i> Definitions, knowledge of the associated pathology and the influence on the oro-dental status <i>Knowledge for grade 10</i> Definitions, knowledge of etiology, etiopathogenesis, frequency, therapeutic principles, working protocols in the case of associated conditions.	<i>Final evaluation:</i> <i>written paper with essay topics</i>	100%
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10.6 Minimum performance standard-basic knowledge
Knowledge of the specialized terminology, etiology and oral manifestations that can be found in hematological, respiratory, psychological, genetic, cardiac conditions, as well as the clinical approach to child patients with associated conditions.

Date 10.11.2023	Signature of the course holder Lecturer Dr. Ștefania Dinu	Signature of the laboratory/seminar holder
Signature of the Head of Discipline Assoc. Prof. Dr. Popa Mălina		
Date of approval in the Department 14.11.2023	Signature of the Head of Department Prof. Dr. Brad Silviu	

- 1) Domeniul de studii - *se alege una din variantele:* Licență/ Masterat/ Doctorat (**se completează conform cu Nomenclatorul domeniilor și al specializărilor/ programelor de studii universitare în vigoare**) ;
- 2) Ciclu de studii - *se alege una din variantele:* Licență/ Master/ Doctorat;
- 3) Regimul disciplinei (conținut) - *se alege una din variantele:* **DF** (disciplină fundamentală)/ **DD** (disciplină din domeniu)/ **DS** (disciplină de specialitate)/ **DC** (disciplină complementară) - *pentru nivelul de licență;* **DAP** (disciplină de aprofundare)/ **DSI** (disciplină de sinteză)/ **DCA** (disciplină de cunoaștere avansată) - *pentru nivelul de masterat;*
- 4) Regimul disciplinei (obligativitate) - *se alege una din variantele:* **DI** (disciplină obligatorie)/ **DO** (disciplină opțională)/ **DFac** (disciplină facultativă);
- 5) Un credit este echivalent cu 25 de ore de studiu (activități didactice și studiu individual).

*nr de ore de studiu individual (punctul 3.7.) = nr total ore (nr credite X 25) minus nr. ore din planul de învățământ (punctul 3.4) minus ore alocate pentru examinări. Aceste ore se împart între

Studiul după manual, suport de curs, bibliografie și notițe	
Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate și pe teren	
Pregătire seminarii/ laboratoare/ proiecte, teme, referate, portofolii și eseuri	
Tutoriat	

- 6) Pentru specializările și/sau disciplinele a căror tematică se regăsește în bibliografia de rezidențiat, aceasta devine obligatorie. Dintre titlurile bibliografice, 50% trebuie să fie din ultimii 5 ani.

