

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	OROFACIAL MYOFUNCTIONAL DISORDERS							
2.2 Course tutor	Lecturer Dr. Dinu Ștefania							
2.3 Practical activity tutors								
2.4. Year of study	V	2.5 Semester	I	2.6 Assessment	COLOCVIUM	2.7 Course rank	Content ³⁾	DS
							Mandatory /Compulsory ³⁾	DFac

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					hours
Study support- manuals, lectures, references and notes					1
Additional documentation – library, dedicated platforms from domain					1
Documentation for seminars/ practical activity/ projects, themes, portofolios and essays					
Tutoring					
Assessment					2
Other activities					
3.7 Total number of hours for individual study	2				
3.8 Total number of hours per semester	25				
3.9 Number of credits ⁵⁾	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	

6. Key competencies and basic skills

Professional Competencies	<ol style="list-style-type: none"> 1. Acknowledgement of an adequate medical vocabulary in medical practice. 2. Knowledge of the etiopathogenesis, frequency, classification and clinical manifestations in myofunctional orofacial disorders. 3. Understanding the influence of orofacial myofunctional disorders on the growth and development of the stomatognathic system. 4. Knowledge of orofacial myofunctional disorders in patients with neuromuscular and degenerative disorders, as well as in patients with attention deficit hyperkinetic syndrome. 5. Understanding the aesthetic, temporo-mandibular, respiratory, digestive and phonological dental consequences in orofacial myofunctional disorders. 6. Knowledge of the therapeutic principles and protocols of interdisciplinary collaboration in the case of orofacial myofunctional disorders. 7. Knowledge and learning of the therapy of orofacial myofunctional disorders: prevention and interception, therapy with trainers.
Transversal Competencies	<ol style="list-style-type: none"> 1. Identification of roles and responsibilities in a multidisciplinary team. 2. Applying effective networking and teamwork techniques to facilitate future interdisciplinary collaborations. 3. Identification of the objectives to be achieved, the resources available, the conditions for their completion, the stages of work, the working times, the deadlines and the risks involved. 4. Use of information and communication resources, as well as assisted professional training (internet, specialized software applications, databases, online courses, etc.).

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

7.1 Disciplines/Course general objectives	To learn the preventive-curative treatments of the disorders of the dento-maxillary apparatus in the case of orofacial myofunctional disorders, following the theoretical and practical knowledge of the maneuvers that can be performed.
7.2 Disciplines/Course specific objectives	<p>Acquiring theoretical and practical knowledge for:</p> <ol style="list-style-type: none"> 1. Establishing the diagnosis and treatment plan; 2. Orofacial myofunctional evaluation: clinically, paraclinically, non-invasive techniques; 3. Protocol for orofacial evaluation, myofunctional scoring (OMES); 4. Orofacial myofunctional disorders in adults: etiology, changes in mastication, deglutition, phonation, aesthetics and quality of life, therapeutic protocols; 5. Therapy of orofacial myofunctional disorders therapeutic principles, protocols for interdisciplinary collaboration, exercises, myofunctional orofacial therapy, myofunctional effect; 6. Therapy of orofacial myofunctional disorders: prevention and interception, trainer therapy.

8. Content

8.1 Course	Teaching method	Number of hours	Notification
1. Orofacial myofunctional disorders in children: etiopathogenesis, frequency, classification, clinical manifestations;	<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 	2	
2. Orofacial myofunctional disorders in children: influence on the growth and development of the stomatognathic system;		2	
3. Orofacial myofunctional disorders: disturbances in the functions of the stomatognathic system (mastication, deglutition, phonation, breathing), muscle function and neuro-muscular		2	

balance;			
4. Orofacial myofunctional disorders in patients with neuromuscular and degenerative disorders	contain suggestive images, tables and diagrams of the mechanisms and manifestations of the pathological conditions as well as questions from the material covered.	2	
5. Orofacial myofunctional disorders in patients with attention deficit hyperkinetic syndrome (ADHD);		2	
6. Orofacial myofunctional evaluation: clinically, paraclinically, non-invasive techniques;		2	
7. Protocol of orofacial and myofunctional evaluation, with scores (OMES);	• The informative material is continuously adapted with the latest information in the field of pathophysiology of the studied diseases, describing the implications of the different diseases for dental medicine.	2	
8. Dental, aesthetic, temporomandibular, respiratory, digestive and phonetic consequences of orofacial myofunctional disorders;		2	
9. Chronic pain in the orofacial sphere and orofacial myofunctional disorders;		2	
10. Pathological dental wear and orofacial myofunctional disorders;		2	
11. Obstructive sleep apnea (OSA) and myofunctional orofacial disorders;		2	
12. Orofacial myofunctional disorders in adults: etiology, changes in mastication, deglutition, phonation, aesthetics and quality of life, therapeutic protocols;	• Each course presents the educational objectives at the beginning and ends with the summary of the presented concepts.	2	
13. Orofacial myofunctional disorder therapy: therapeutic principles, interdisciplinary collaborative protocols, exercises, myofunctional orofacial therapy, myofunctional effect (Myofunctional Effect TM);		2	
14. Therapy of orofacial myofunctional disorders: prevention and interception, trainer therapy.		2	
Mandatory references: ⁶⁾ 1. Course notes, 2023 2. Sanket Kunte, Orofacial Myofunctional Therapy, Editura LAP LAMBERT Academic Publishing, ISBN 6203863246, 2021 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 of myofunctional orofacial disorders and with the pathology specific to dental medicine.

10. Assessment

Activity	10.1 Assessment criteries	10.2 Assessment methods	10.3 Percentage of the final grade
10.4 Course	<p><i>Knowledge for grade 5</i></p> <ul style="list-style-type: none"> - definitions, knowledge of the role of Orofacial myofunctional disorders in the dental practice <p><i>Knowledge for grade 10</i></p> <ul style="list-style-type: none"> - definitions, role knowledge, etiopathogenesis, frequency, therapeutic principles, working protocols, as well as prevention and interception of orofacial myofunctional disorders. 	<i>Final evaluation:</i> written paper with essay topics	100%

10.6 Minimum performance standard-basic knowledge

Skills acquired by the student: Adequate knowledge, understanding and explanation of the various orofacial myofunctional disorders (OMD). Development of interdisciplinary reasoning and correct and complete interpretation of clinical and paraclinical data. Identification of therapeutic possibilities and application of interdisciplinary collaboration protocols for improving the oral health of patients. Therapy of orofacial myofunctional disorders using current therapeutic means. Optimal and creative exploitation of one's potential.

Date 10.11.2023	Signature of the course holder Lecturer Dr. Dinu Ștefania	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⁾ Ciclul 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.