



GRADUATION EXAM
DENTAL MEDICINE - ENGLISH SECTION

A. WRITTEN EXAMINATION. TOPICS AND BIBLIOGRAPHY

PEDIATRIC DENTISTRY

1. Restorative paediatric dentistry (1, pg. 79-102)
2. Pulp therapy for primary and immature permanent teeth (1, pg. 103-122)
3. Trauma management (1, pg. 163-199)
4. Dental anomalies and molar-incisor hypomineralization (1, pg. 287-325)

PREVENTIVE DENTISTRY. COMMUNITY DENTISTRY

5. Pit and fissure sealants (2, pg. 598-606)
6. Ultrasonic Instrumentation (2, pg. 486-502)

ORTHODONTICS

7. Etiology of dentomaxillary anomalies (3: 113-142)
8. Dentomaxillary anomalies class II Angle: etiology, clinical forms, diagnosis (4: 20-78, 428-529)
9. Dentomaxillary anomalies class III Angle: etiology, clinical forms, diagnosis, treatment, objectives (4: 506-509)
10. Removable appliances: components, indications, advantages/ disadvantages (3: 357-382)
11. Fix appliances: components, indications, mode of action (3: 407-411)

ODONTOTHERAPY. ENDODONTICS

12. Fundamentals of tooth preparation and pulp protection (5, pg. 141-163)
13. Indirect tooth colored restorations (5, pg. 280-294)
14. Pulpal pathology (6, pg. 136-156)
15. Periapical disease (6, pg. 160-203)
16. Access cavity and endodontic anatomy (6, pg. 244-326)
17. Cleaning and shaping of root canal system (7, pg. 396-431)

PERIODONTOLOGY

18. Anatomy, structure and functions of the periodontium (8, pg. 9-44)
19. Etiology and pathogenesis of periodontal diseases (8, pg. 76-100; 116-131; 144-169)
20. Classification and clinical characteristics of diseases and conditions affecting the periodontium (8, pg. 45-66; 186-196; 233-251; 309-334)
21. Phase I periodontal therapy (8, pg. 480-506; 506e1-506e14; 506e18-506e20)
22. Periodontal surgery (8, pg. 566-581; 593-603; 610-631)

FIXED PROSTHODONTICS

23. Principles of tooth preparation (9, pg. 169-205)





24. Tissue management and impression making (9, pg. 367-399)
25. Interim fixed restoration (9, pg. 401-436)
26. Pontic design (9, pg. 546-574)
27. Evaluation, characterization and glazing; Luting agents and cementation procedures (9, pg. 751-763; 774-790)

REMOVABLE PROSTHODONTICS

28. Maxillary and mandibular substitutes for the denture-bearing area (10, pg. 161-179)
29. The dentures polished surfaces, recording jaw relations and their transfer to an articulator (10, pg. 180-203)
30. Impressions for Removable Partial Dentures (11, pag 73-82)
31. Components of Removable Partial Dentures: major connectors, minor connectors, rests and rest seats, direct and indirect retainers (11, pag 85-122)

DENTO-ALVEOLAR SURGERY. MAXILLOFACIAL SURGERY

32. Extraction of teeth and roots (12, pg. 105-131)
33. Complications of tooth extraction (12, pg. 156-174)
34. Treatment of surgical infections in the orofacial region (12, pg. 201-224)
35. Treatment of cysts of the jaws (12, pg. 225-243)
36. Tumors of the mouth and the management of oral cancer (12, pg. 282-298)

OCCLUSOLOGY

37. The Determinants of Occlusion. The Temporomandibular Joint. The Masticatory Musculature. The Plane of Occlusion. Posterior Occlusion (13, pg. 33-57; 57-113)
38. Centric Relation. Adapting Centric Posture. Determining Centric Relation. Load Testing for Verification of Centric Relation. Recording Centric Relation. Classification of Occlusions (13, pg. 199-234)

IMPLANTO-PROSTHETIC THERAPY. ORAL REHABILITATION

39. Implants Supported Overdentures. Principles and Clinical Applications (14, pg. 1-77; 125-234)
40. Patients Oral Rehabilitation. General and Clinical Considerations (15, pg. 1-40; 87-209)

References:

1. Cameron A.C., Widmer R.P. **Handbook of Pediatric Dentistry**. Fourth Edition, Mosby Elsevier, 2013
2. Darby M.L., Walsh M. **Dental Hygiene Theory and Practice**. Fourth Edition, Elsevier 2015
3. Proffit W., Fields H. **Contemporary Orthodontics**. Fifth Edition, Mosby 2013
4. Graber L., Vanarsdall R., Vig K. **Orthodontics: Current Principles and techniques**. Fifth Edition, Mosby 2011
5. Harald O. Heymann, Edward J. Swift Jr., Andre V. Ritter. **Sturdevant's Art and Science of Operative Dentistry**. Elsevier Mosby, 2013
6. Arnaldo Castellucci. **Endodontics**. Il Tridente, Vol. I, 2010
7. Arnaldo Castellucci. **Endodontics**. Il Tridente, Vol. II, 2010

8. Newman M.G., Takei H., Klokkevol P.R., Carranza F.A. ***Carranza's Clinical Periodontology***. 12th Edition, Elsevier Health Sciences, 2015
9. Rosenstiel S.F., Land M.F., Fujimoto J. ***Contemporary fixed prosthodontics***. Fifth edition, 2016
10. Zarb G., Hobkirk J.A., Eckert S.E., Jacob R.F. ***Prosthodontic treatment for edentulous patients***. 13th Edition, Mosby Elsevier, 2013
11. Sakar O. ***Removable Partial Dentures: A Practitioners' Manual***. Springer, 2016
12. ***Principles of oral and maxillofacial surgery***. 6th Edition, Edited by U.J. Moore, Blackwell Publishing Ltd., 2011
13. Dawson P.E. ***Functional Occlusion, From TMJ to Smile Design***. Ed. Mosby, 2006
14. Preti G. ***Prosthetic Rehabilitation. Part II***. Quintessence Publishing Co. Ltd., 2008
15. Preti G. ***Prosthetic Rehabilitation, Part I***. Quintessence Publishing Co. Ltd., 2008

B. PRACTICAL EXAMINATION

It is carried out according to the specifics of the Dental Medicine study program. It consists of performing a clinical examination of the patient and/or standardized assessment of the students at specific stations.

C. PUBLIC PRESENTATION OF THE GRADUATION PAPER

It is conducted in accordance with the GRADUATION/DIPLOMA EXAMINATION REGULATION (UMFST-REG-18), published on the UMFST website:

https://www.umfst.ro/fileadmin/documente_oficiale/regulamente/UMFST-REG-18_EN.pdf

Dean

Prof. Cristina Ioana BICA, DMD, PhD