



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)

ORTHODONTICS

5. Section I: Cap. 5. The Orthodontic Problem. The Etiology of orthodontic problems: Environmental influences (2, pg. 124-134)
6. Section II: Cap.6. Orthodontic Diagnosis: The problem-oriented approach: Clinical evaluation. (2, pg. 146-166)
7. Section III: Cap.10. Contemporary Orthodontic appliances: Removable appliances. (2, pg. 310-315)
8. Section III: Cap.10. Contemporary Orthodontic appliances: Fixed appliances: Bands for Attachments. Bonded Attachments. (2, pg. 325-330)
9. Section IV: Treatment in Preadolescent Children: What is different? Cap. 11. Moderate Nonskeletal Problems in Preadolescent Children: Preventive and Interceptive Treatment Treatment in Family Practice. (2, pg. 356-388)
10. Section VI: Comprehensive Orthodontic Treatment in the Early Permanent Dentition. Cap.18. Retention: Why is Retention necessary? (2, pg. 579-584)

ODONTOTHERAPY. ENDODONTICS

11. Fundamentals of tooth preparation and pulp protection (3, pg. 141-163)
12. Indirect tooth-colored restorations (3, pg. 280-294)
13. Pulpal pathology (4, pg. 136-156)
14. Periapical disease (4, pg. 160-203)
15. Access cavity and endodontic anatomy (4, pg. 244-326)
16. Cleaning and shaping of root canal system (5, pg. 396-431)

PERIODONTOLOGY

17. Anatomy, structure and functions of the periodontium (6, pg. 9-44)
18. Etiology and pathogenesis of periodontal diseases (6, pg. 116-131; 144-152)
19. Classification and clinical characteristics of diseases and conditions affecting the periodontium (6, pg. 45-66; 186-196; 233-251)
20. Phase I periodontal therapy (6, pg. 480-483;494-502)





FIXED PROSTHODONTICS

21. Principles of tooth preparation (7, pg. 169-205)
22. Restoration of the Endodontically Treated Tooth (7, pg.278-317)
23. Tissue management and impression making (7, pg. 367-399)
24. Interim fixed restoration (7, pg. 401-436)
25. Pontic design (7, pg. 546-574)
26. Description of Color, Color-Replication Process, and Esthetics (7, pg. 624-640)

REMOVABLE PROSTHODONTICS

27. Maxillary and mandibular substitutes for the denture-bearing area (8, pg. 161-179)
28. The dentures polished surfaces, recording jaw relations and their transfer to an articulator (8, pg. 180-203)
29. Impressions for Removable Partial Dentures (9, pg. 73-82)
30. Components of Removable Partial Dentures: major connectors, minor connectors, rests and rest seats, direct and indirect retainers (9, pg. 85-122)

DENTO-ALVEOLAR SURGERY. MAXILLOFACIAL SURGERY

31. Surgical principles and technique (10, pg. 87-104)
32. Extraction of teeth and roots (10, pg. 105-131)
33. Extraction of unerupted or partly erupted teeth (10, pg. 132-155)
34. Complications of tooth extraction (10, pg. 156-174)
35. Surgical preparation for endosteal implant-borne prosthesis (10, pg. 185-199)
36. Treatment of surgical infections in the orofacial region (10, pg. 201-224)
37. Treatment of cysts of the jaws (10, pg. 225-243)
38. Tumors of the mouth and the management of oral cancer (10, pg. 282-298)

IMPLANTO-PROSTHETIC THERAPY. ORAL REHABILITATION

39. Implants Supported Overdentures. Principles and Clinical Applications (11, pg. 1-12, 68-78, 157-191, 207-209)
40. Patients Oral Rehabilitation. General and Clinical Considerations (12, pg. 11-20, 60-67, 125-136, 181-184)

References:

1. Cameron A.C., Widmer R.P. Handbook of Pediatric Dentistry. Fourth Edition, Mosby Elsevier, 2013
2. Proffit, W. R., Fields, H., Larson, B., & Sarver, D. M. Contemporary Orthodontics. Sixth Edition, Elsevier, 2019.
3. Harald O. Heymann, Edward J. Swift Jr., Andre V. Ritter. Sturdevant`s Art and Science of Operative Dentistry. Elsevier Mosby, 2013
4. Arnaldo Castellucci. Endodontics. Il Tridente, Vol. I, 2010
5. Arnaldo Castellucci. Endodontics. Il Tridente, Vol. II, 2010





6. Newman M.G., Takei H., Klokkevold P.R., Carranza F.A. Carranza's Clinical Periodontology. 12th Edition, Elsevier Health Sciences, 2015
7. Rosenstiel S.F., Land M.F., Fujimoto J. Contemporary fixed prosthodontics. Fifth edition, 2016
8. Zarb G., Hobkirk J.A., Eckert S.E., Jacob R.F. Prosthodontic treatment for edentulous patients. 13th Edition, Mosby Elsevier, 2013
9. Sakar O. Removable Partial Dentures: A Practitioners' Manual. Springer, 2016
10. Principles of oral and maxillofacial surgery. 6th Edition, Edited by U.J. Moore, Blackwell Publishing Ltd., 2011
11. Preti G. Prosthetic Rehabilitation. Part II. Quintessence Publishing Co. Ltd., 2008
12. 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 *REGULATION FOR THE ORGANISATION AND CONDUCT OF GRADUATION, DIPLOMA, AND DISSERTATION EXAMINATIONS WITHIN G. E. PALADE UMFST OF TÂRGU MUREȘ* (UMFST-REG-18, Edition 11) and information regarding the graduation exam, published on the UMFST website:

https://umfst.ro/fileadmin/documente_oficiale/regulamente/UMFST-REG-18_EN_Ed.11.pdf

<https://umfst.ro/facultatea-de-medicina-dentara/en/informatii-studenti/informatii-specifice-facultatii/examen-licenta/>

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