

The Theme of the Contest
For the position of Professor position 3 for an indefinite period
Department of Dental Medicine

1. Dento-maxillary apparatus (ADM) - definition, short history, terminology, components, functions. The importance of the ADM study in the training of the dentist.
2. Topographic notions and terminology used in the ADM study: points, lines and orientation plans. Tooth annotation systems
3. The ontogenetic evolution of ADM
4. Tooth morphology: surfaces, edges, angles
5. Tooth morphology-continuation: positive relief elements and negative relief elements
6. The component bone structures of ADM
7. ADM muscles: mobilizing muscles of the mandible, tongue muscles, orofacial muscles (mimicry). ATM
8. The oral cavity: definition, delimitations and walls, component elements. Saliva. Introduction to endobuccal clinical examination
9. Odonton: odontium (enamel, dentin, pulp) and periodontium (cementum, alveolar bone, periodontium, gum).
10. Dental eruption: eruption of temporary teeth, eruption of permanent teeth
11. Dental arches: generalities in humans. Temporary dental arches. Dental arches during mixed dentition. Permanent dental arches in primary morphology.
12. Static mandibular-cranial relations. Normal occlusion reports
13. Dynamic mandibular-cranial relations. Secondary morphology of permanent dental arches
14. ADM functions: sucking, chewing, swallowing, breathing, phonation, physiognomy, self-maintenance; . Parafunctions.
15. Common and differential morphological features of permanent upper frontal teeth - upper central incisor, upper lateral incisor.
16. Common and differential morphological features of permanent lower front teeth - lower central incisor, lower lateral incisor.
17. Permanent upper and lower canines - morphology
18. Common and differential morphological characteristics of the lateral teeth - upper and lower premolars
19. Common and differential morphological characteristics of the lateral teeth - upper molars
20. Common and differential morphological characteristics of the lateral teeth - lower molars.
21. Dental eruption - the stages of the eruption of temporary and permanent teeth. Temporary dental arches – particularities of morphology compared to permanent teeth.
22. Mixed dentition. Permanent dentition - characteristics of dental arches - shape, contact areas, occlusion curves, normal occlusion ratios, support cusps

23. Temporomandibular joint. Reference mandibular-cranial positions - posture, centric relationship, maximum intercuspitation
24. Elements of mandibular dynamics - classification of mandibular movements, analysis of mandibular movements in relation to reference planes

References

1. Țig Ioan Andrei, Porumb Anca: Morfologia funcțională a aparatului dentomaxilar, editia a II-a, revizuita: curs universitar, Editura Universității din Oradea, ISBN 978-606-10-1908-3, 2017
2. Țig Ioan Andrei, Morfologia funcțională a aparatului dentomaxilar : curs universitar, Editura Universității din Oradea, ISBN 978-973-759-913-1, 104 pg., 2009.
3. Rominu Mihai, Sorin Uram Tuculescu, Sorin Lacatos, Meda Negrutiu, Cosmin Sinescu, Marius Leretter: Morfologia functionala clinica a aparatului dento-maxilar, Lito UMF Timisoara, 2001
4. D. Bratu – Aparatul dento-maxilar, ed. Helicon, Timisoara
5. Diana Dudea, Borzea Dorin: Morfologia dintilor si a arcadelor dentare; UMF Cluj-Napoca.
6. Anca Porumb: Morfologia dintilor temporari; Editura Universitatii din Oradea, ISBN 978-606-10-0905-3, 60 pg., 2012.