

The Theme of the Contest
For the position of Associate Professor position12 for an indefinite period
Department of Dental Medicine

1. Notions of occlusal morphology. Functional and non-functional dental-dental contacts.
2. The centric relationship. Terminal hinge axis. Mouth opening movement. The maximum physiological interception, necessity and habit.
3. Resting position. Propulsion movement with tooth-tooth contacts. The range of movements of the mandible in the sagittal plane. The laterality movement.
4. Cranio-mandibular relations with and without dental-dental contacts. Determinants of mandibular movements.
5. Theories of functional occlusion. Criteria of functional occlusion.
6. Occlusal disharmony and mandibulo-maxillary dysfunction, etiology, pathogenesis and symptomatology.
7. Occlusal examination of the patient.
8. Principles of diagnosis and treatment in occlusal disharmony and mandibulo-maxillary dysfunction.
9. The maxillary prosthetic field. The mandibular prosthetic field.
10. Musculature in the vicinity of the prosthetic field. Functional areas of the prosthetic field
11. Examination of the total edentulous patient.
12. Purpose of fingerprinting the total edentulous prosthetic field. Types of fingerprints used in the treatment of total edentations.
13. Preliminary fingerprint. Preliminary fingerprinting techniques.
14. Final impression.
15. Determining the vertical dimension of the lower floor of the face. Determining and recording the central relationship
16. Characteristic aspects of the mandibular movements in the total edentate
17. Articulators. Choosing and installing artificial teeth
18. Model test. Application and adaptation of total prostheses
19. Reconditioning of total prostheses. Prosthetic stomatitis at total edentate
20. Computer assisted total prosthesis systems.
21. Total edentation: definition, etiology.
22. Total edentation: complications, prognosis, evolution.

23. Component elements of the total edentulous prosthetic field.
24. Total prosthesis: component elements. Clinical - technical stages required in total prosthesis technology.
25. Preliminary imprint. Technology of preliminary model casting.
26. Technology for making individual spoons (components, principles, working technique).
27. The final imprint;
28. Preparation of the final fingerprint by formwork.
29. The technology of making the final model.
30. Analysis of the final model. Making occlusion templates.
31. Determining the intermaxillary relationships and transposing the data obtained on the occlusor and on the articulators.
32. The technique of fixing the final models in the shutter or articulator.
33. Biodynamics of the total prosthesis: physical, biological and prosthetic means of maintaining, supporting and stabilizing.

References

1. Hutu Emilian, Păuna Mihaela, Bodnar Vasile, Constantinescu Marian – „Edentația totală”, Ed. DIDACTICĂ ȘI PEDAGOGICĂ, București, 1998.
2. Dorin Bratu, Emanuel Bratu, Sergiu Antonie - „Restaurarea edentațiilor parțiale prin proteze mobilizabile”, Ed. SIGNATA, Timișoara, 2003.
3. Norina Forna - „Protetică dentară” vol. 2, Ed. Enciclopedică, 2011.
4. Ionița S., Petre Al., Ocluzia dentară, Ed. Didactică și pedagogică R. A.- București, 2003
5. Bratu D., Ieremia L., Tuculescu S.-U. - Bazele clinice și tehnice ale protezării edentației totale, Ed. Imprimeriei de Vest, 2003