

The Theme of the Contest
For the position of Professor position3 for an indefinite period
Department of Dental Medicine

1. Emergency kit for the dental office.
2. Questionnaire for assessing the general condition.
3. Organizations of dental care and dental ergonomiques.
4. Antibioprophylaxies in the dental office.
5. Conduct in the dental office against various diseases (diseases of the cardiovascular system, respiratory system, endocrine system and metabolism, kidney, digestive system, immune system, hematological malignancies)
6. History of implantology (Ancient period, Medieval period, Foundation period, Pre-modern period, Modern period, Contemporary period.)
7. Preimplantation anatomy (Upper jaw / maxilla, Mandible, Innervation of teeth and gums, Vascular system of maxillary and mandibular teeth, Lymphatic drainage of teeth and gums, Morpho-functional changes of the dento-maxillary apparatus.)
8. Types of bone atrophy and their classification in implantology (Available bone dimensions, Classification of partially edentulous arches in implantology, Classification of fully edentulous arches in implantology.)
9. Bone density and its role in implantology (Classification and location of bone density in implantology, Radiological evaluation of bone density, Influence of bone density on mechanical stress transfer, Therapeutic plan according to bone density.)
10. Imaging evaluation in implantology (Orthopantomography, Retroalveolar radiography, Telerradiography, Scanning tomography, Nuclear magnetic resonance (NMR), Computer tomography (CT), Dental volumetric tomography (cone beam volume, cone beam computed tomography).
11. Contraindications to implant insertion (General / systemic contraindications, Local contraindications, Recommended laboratory examinations, Implant treatment of patients with systemic disorders)
12. Patient medication (Classes of antibiotics - pros and cons, Non-steroidal anti-inflammatory drugs - NSAIDs, Glucocorticoids, Analgesics.)
13. Insertion of endosseous implants (Patient preparation, Anesthesia, Flap design, incision and take-off, Alveolar bone drilling, Implant insertion, Suturing.)
14. Insertion of implants with PRP (Platelet Rich Plasma) (General, Milling without cooling, Growth factors, Method of obtaining and using PRGF, Applications of PRGF in oral surgery)
15. Bone grafts, guided tissue regeneration.
16. Sinus lift (Classification of bone atrophy in the posterior jaw, Internal and external sinus lifting technique)
17. Implantation Impression (Indirect Impression, Direct Impression, Prosthetic Screwing Technique: Impression Protocol, Prosthetic Cementation Technique: Impression Protocol)
18. Occlusal Concepts (Proprioception, Overload Factors and Effects on

Occlusion, Principles of Implant Occlusion, Clinical Applications.)

19. Dental miniimplants.

20. Periimplant disease; Maintenance of works on implants (Osteointegration, Epithelial integration, Evaluation of osteointegration, Etiopathogenesis and microbiology, Diagnosis. Maintenance of works on implants.)

21. Notions of anatomy: jaw, mandible, infratemporal fossa, pterygopalatine fossa, trigeminal nerve.

22. Notions of physiology of nerve transmission, Anesthetic substances used in local anesthesia: Lidocaine, Mepivacaine, Articaine, Vasoconstrictor adjuvants: Adrenaline and Noradrenaline, Felipressin, Levonordefrin;

23. Instruments used for loco-regional anesthesia, Techniques used in loco-regional anesthesia: topical anesthesia, local anesthesia by infiltration, dam anesthesia;

24. Peripheral truncal anesthesia of the maxillary nerve: anesthesia of the supero-posterior alveolar nerves (at tuberosity), anesthesia of the nasopalatine nerve, anesthesia of the anterior palatine nerve, anesthesia of the supero-anterior alveolar nerves (at the infraorbital hole);

25. Peripheral truncal anesthesia in the mandible: anesthesia of the inferior alveolar nerve (in the Spix spine), anesthesia of the buccal nerve, anesthesia of the lingual nerve, anesthesia of the chin and incisor nerve (anesthesia in the chin hole), anesthesia of the masseter nerve, anesthesia of the superficial and deep cervical plexus;

26. Accidents and complications of loco-regional anesthesia, Local accidents of loco-regional anesthesia: pain, vascular lesions, transient facial paresis, transient auriculo-temporal nerve paresis, ocular disorders, needle rupture;

27. Accidents and complications of loco-regional anesthesia, Local complications of loco-regional anesthesia: epithelial desquamation and ulceration of the mucosa, mucosal necrosis, postanesthetic injections, persistent trismus, persistent paresthesias, postextraction alveolitis.

28. Accidents and general complications of loco-regional anesthesia: vaso-vagal syncope, carotid sinus syncope, orthostatic hypotension, allergic accidents, general accidents

References

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6. Cranin N.A., Klein M., Simons A., Atlas of Oral Implantology, Second edition 1999, Mosby, Inc., p 1 – 489;

7. Lindhe J., Karring T., Lang P.N., Clinical Periodontology and Implant Dentistry, Fourth Edition 2006, Blacwell Publishing Company, p 3 – 1044;
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 15. Anestezia în stomatologie, N. Gănuță, I. Canavea, Editura Edimpex-Speranța, București, 1993, 17 – 108 ;
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