

Χαρακτηριστικά:

- **Comprehensive content** presented in a modern writing style guides you in learning the foundation before applying it to today's advanced technologies
- **Step-by-step procedures for general and expanded functions** offer clear guidance by including prerequisite information, equipment and supplies needed, reminder notes, and purpose of the procedure, along with images
- **Chapter features** include recall questions throughout; feature boxes on infection control and CDC practices; and end-of-chapter elements regarding patient education, law and ethics, future trends, and critical thinking
- **Dentrix Learning Edition**, based on *Dentrix G7.3*, is available to download via the Evolve companion website, offering valuable experience working with practice management software
- **Key terminology** includes definitions, visual highlights within chapter discussions, pronunciation information, and an alphabetized list in the glossary with cross-references to chapter locations
- **Learning and performance outcomes** address the didactic knowledge required for mastering clinical skills
- **Robust learning resources on the Evolve companion website** include *The Interactive Dental Office*, mock board exam, chapter quizzes, 80 procedure videos, Dentrix exercises, tray setup exercises, and more
- NEW illustrations enhance an already stellar art program, with more than 1,600 images
- NEW content on up-and-coming technologies includes 3D printing and artificial intelligence (AI) to help you prepare to work in a modern dental office

Περιεχόμενα:

Unit 1: The Dental Assisting Profession

1. History of Dentistry
2. The Dental Healthcare Team
3. The Professional Dental Assistant
4. Ethics and Code of Conduct in Dentistry
5. Dentistry and the Law

Unit 2: Sciences in Dentistry

6. General Anatomy
7. General Physiology
8. Oral Embryology and Histology
9. Head and Neck Anatomy
10. Landmarks of the Face and Oral Cavity

11. Overview of the Dentitions
12. Tooth Morphology

Unit 3: Oral Health and Prevention of Dental Disease

13. Preventive Dentistry
14. Nutrition
15. Dental Caries
16. Periodontal Disease
17. Oral Pathology

Unit 4: Infection Prevention in Dentistry

18. Microbiology
19. Disease Transmission and Infection Prevention
20. Principles and Techniques of Disinfection
21. Principles and Techniques of Instrument Processing and Sterilization

Unit 5: Health and Safety in the Dental Setting

22. Regulatory and Advisory Agencies
23. Chemical and Waste Management
24. Dental Unit Water Quality
25. Occupational Hazards

Unit 6: Patient Information and Assessment

26. The Patient's Dental Record
27. Vital Signs
28. Oral Diagnosis and Treatment Planning
29. The Special Needs and Medically Compromised Patient
30. Principles of Pharmacology
31. Assisting in a Medical Emergency

Unit 7: Foundation of Clinical Dentistry

32. The Dental Office
33. Delivering Dental Care
34. Dental Hand Instruments
35. Dental Handpieces and Accessories
36. Moisture Control
37. Anesthesia and Pain Control

Unit 8: Radiographic Imaging

38. Foundation of Dental Radiology
39. Digital Imaging: Techniques and Processing
40. Compliance and Prevention in Dental Radiography
41. Intraoral Imaging
42. Extraoral Imaging

Unit 9: Dental Materials

- 43. Restorative and Esthetic Dental Materials
- 44. Dental Liners, Bases, and Bonding Systems
- 45. Dental Cements
- 46. Impression Materials and Methods
- 47. Laboratory Materials and Procedures

Unit 10: Assisting in Comprehensive Dental Care

- 48. General Dentistry
- 49. Matrix Systems for Restorative Dentistry
- 50. Fixed Prosthodontics
- 51. Provisional Coverage
- 52. Removable Prosthodontics
- 53. Dental Implants
- 54. Endodontics
- 55. Periodontics
- 56. Oral and Maxillofacial Surgery
- 57. Pediatric Dentistry
- 58. Coronal Polishing
- 59. Dental Sealants
- 60. Orthodontics

Unit 11: Dental Administration and Communication Skills

- 61. Communication in the Dental Office
- 62. Business Operating Systems
- 63. Financial Management in the Dental Office
- 64. Marketing Your Skills