

Χαρακτηριστικά:

- **NEW! Enhanced, up-to-date content** covers quality assurance standards, 3D printing, computer aided treatments, and AI in oral and maxillofacial imaging.
- **NEW! Enhanced ebook version**, *included with every new print purchase*, features videos and review questions, plus access to all the text, figures, and references, with the ability to search, customize content, make notes and highlights, and have content read aloud.
- **NEW! Chapters** address *Computed Tomography, MRI, Nuclear Medicine, and Ultrasound Imaging*.
- **NEW! Streamlined coverage** highlights the most relevant material for clinical practice.
- **NEW!** Convenient online **quality assurance checklists**.
- **Extensive coverage of all aspects of oral and maxillofacial radiology**, including the entire predoctoral curriculum and new developments in the field.
- **More than 1,500 high-quality radiologic images, full-color photos, and illustrations** clearly demonstrate core concepts and reinforce the essential principles and techniques of oral and maxillofacial radiology.
- **Easy-to-follow format** systemically presents the key radiographic features of each pathologic condition, including location, periphery, shape, internal structure, and effects on surrounding structures — placed in context with clinical features, differential diagnosis, and management.
- **Expert authorship** includes leaders and experts in the field.
- **Case studies** highlight how imaging concepts apply to clinical scenarios.

Περιεχόμενα:

PART I Foundations

- 1 Physics
- 2 Biologic Effects of Ionizing Radiation
- 3 Safety and Protection

PART II Imaging

- 4 Image Receptors
- 5 Projection Geometry
- 6 Intraoral Projections
- 7 Cephalometric and Skull Imaging
- 8 Panoramic Imaging
- 9 Computed Tomography
- 10 Magnetic Resonance Imaging
- 11 Nuclear Medicine
- 12 Ultrasound Imaging
- 13 Radiographic Anatomy

- 14 Quality Assurance and Infection Control
- 15 Prescribing Diagnostic Imaging

PART III Interpretation

- 16 Principles of Radiographic Interpretation
- 17 Dental Caries
- 18 Periodontal Diseases
- 19 Dental Anomalies
- 20 Inflammatory Conditions of the Jaws
- 21 Cysts
- 22 Benign Tumors and Neoplasms
- 23 Diseases Affecting the Structure of Bone
- 24 Malignant Neoplasms
- 25 Trauma
- 26 Paranasal Sinus Abnormalities
- 27 Craniofacial Anomalies
- 28 Temporomandibular Joint Abnormalities
- 29 Soft Tissue Calcifications and Ossifications
- 30 Salivary Gland Diseases

PART IV Imaging Applications

- 31 Dental Implants
- 32 Beyond Three-Dimensional Imaging
- 33 Forensics

Index