

Key Features:

- Over 1,000 images including schematic artworks, radiological images, electron-micrographs, cadaveric and clinical photographs and memory maps – all specially selected to make learning and recall as easy as possible
- Numerous clinical case histories help relate the basic science to clinical practice
- Includes comprehensive coverage of the soft tissues of the oral region and skeletal structures of the head, including vasculature and innervation
- Includes information on mastication, swallowing, speech, radiology and archaeological applications of tooth structure
- Addresses physical, chemical and structural properties of the tooth (enamel, dentine, pulp and cementum) and of the periodontium and oral mucosa
- Explores bone structure and remodelling – including potential bone atrophy following tooth extraction, its relevance to orthodontic treatment and implantology, trauma and malignancy
- Images and text have been considered in terms of human diversity
- Online self-assessment quizzes supports learning and exam preparation
- Online bibliography for each topic provides options for further reading
- An enhanced eBook version is included with purchase. The eBook allows you to access all the text, figures and references, with the ability to search, customise your content, make notes and highlights, and have content read aloud

New To This Edition:

- New chapter on reparative and regenerative dentistry
- Memory maps to support learning

Περιεχόμενα:

Preface

Acknowledgements

1. The appearance of the oral cavity
2. Dento-osseous structures
3. Regional topography of the mouth and related areas
4. Vasculature and innervation of the mouth
5. Sectional anatomy of the oral cavity and related areas
6. Functional anatomy
7. Enamel
8. Investing organic layers on enamel surfaces
9. Dentine

10. Dental pulp
11. Cementum
12. Periodontal ligament
13. Alveolar bone
14. Oral mucosa
15. Temporomandibular joint
16. Salivary glands
17. Development of the face
18. Development of the palate
19. Development of the jaws
20. Development of the tongue and salivary glands
21. Early tooth development
22. Amelogenesis
23. Dentinogenesis
24. Development of the dental pulp
25. Development of the root and periodontal ligament
26. Development of the dentitions
27. Archaeological applications of tooth structure
28. Regenerative dentistry

Glossary of abbreviations

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