




Edition: 1st Edition 2018  
pages: 472  
Images: 245  
Cover: Softcover, 16,5 x 24 cm  
ISBN: 978-0-86715-746-8  
Stock No.: B7468  
Published: July 2018

Price  
Subject to changes!

\$5.00

#### Quintessence Publishing Company, Inc.

 411 North Raddant Road  
Batavia  
Illinois IL 60510  
United States of America

 +1 (0)630 / 736-3600

 +1 (0)630 / 736-3633

 [contact@quintbook.com](mailto:contact@quintbook.com)

 <http://nginx/usa/en>

## Book information

**Authors:** Ralf J. Radlanski  
**Title:** Oral Structure & Biology  
**Short text:**

Knowledge of the structures of the orofacial region from the macroscopic scale to the molecular level and pathologic changes to those structures enables practitioners to successfully treat patients or seek treatment options. This book presents the structural biologic foundations underpinning dental and oral medicine. Beginning with an overview of the anatomy of the mouth and moving on to the evolution of the oral structures and pre- and postnatal development of the oral cavity, related facial structures, and the teeth, this book describes each part of the orofacial region in terms of its morphology, tissue structure, cellular properties, and development. Functioning as both a textbook for dental students and a reference manual for experienced clinicians, this compendium of the structural biologic foundations of clinical work in dental and oral medicine allows practitioners to integrate current research in molecular biology into a solid framework of knowledge.

#### Contents

Chapter 01. Definitions, Objectives, Clinical Relevance  
Chapter 02. The Mouth and Its Parts  
Chapter 03. Evolution  
Chapter 04. Morphogenesis  
Chapter 05. Development of the Oral Cavity in Relation to Facial Development  
Chapter 06. Tooth Development  
Chapter 07. Dental Enamel  
Chapter 08. Dentin  
Chapter 09. Pulp and Root  
Chapter 10. Periodontium  
Chapter 11. Cementum  
Chapter 12. Periodontal Ligament  
Chapter 13. Alveolar Bone and Jawbone  
Chapter 14. Oral Mucosa  
Chapter 15. Salivary Glands  
Chapter 16. Immune System  
Chapter 17. Development of the Dentition and Teeth Eruption  
Chapter 18. Temporomandibular Joint

**Categories:** General Dentistry, Student literature