



Auflage: 2nd Edition 2012  
Seiten:: 512  
Abbildungen: 707  
Einband: Hardcover  
ISBN: 978-0-86715-480-1  
Artikelnr.: 7108  
Erschienen: Januar 2012

#### Quintessence Publishing Company, Ltd.

 Grafton Road  
KT3 3AB New Malden, Surrey  
Vereinigtes Königreich von Großbritannien und  
Nordirland

 +44 (0)20 8949 6087

 +44 (0)20 8336 1484

 [info@quintpub.co.uk](mailto:info@quintpub.co.uk)

 <https://www.quintessence-publishing.com/gbr/en>

## Buch-Information

**Hrsg.:** Hargreaves, Kenneth M. / Goodis, Harold E. / Tay, Franklin R.

**Titel:** Seltzer and Bender's Dental Pulp

#### Kurztext:

This comprehensive update of a classic text presents the latest research on the dental pulp and its interaction with other tissues, highlighting its central role in both local and systemic health. The second edition has been completely revised to incorporate new chapters featuring the most topical issues in research and clinical practice, including developments in stem cell research and pulpodentin regeneration, the effects of the aging process on the pulp, and the interdependent relationship of the pulp and restorative dental procedures. New contributors bring fresh perspective to topics such as pulpal infections, odontalgia, and the relationship between the pulp and periodontal disease. Each chapter provides an introduction to its major themes for the busy clinician or dental student as well as up-to-date, biologically based clinical recommendations for restorative and endodontic procedures. Practicing clinicians will find this information to be essential to providing accurate diagnoses and effective treatment.

#### Contents

Chapter 01. Development of the Pulpodentin Complex  
Chapter 02. Formation and Repair of Dentin in the Adult  
Chapter 03. Pulpodentin Complex  
Chapter 04. Pulp as a Connective Tissue  
Chapter 05. Stem Cells and the Regeneration of the Pulpodentin Complex  
Chapter 06. Circulation of the Pulp  
Chapter 07. Dental Innervation and Its Responses to Tooth Injury  
Chapter 08. Pain Pathways and Mechanisms of the Pulpodentin Complex  
Chapter 09. Pharmacologic Control of Dental Pain  
Chapter 10. Pulpal Infections, Including Caries  
Chapter 11. Molecular Mediators of Pulpal Inflammation  
Chapter 12. Interrelationship of the Pulp and Apical Periodontitis  
Chapter 13. Repair of Pulpal Injury with Dental Materials  
Chapter 14. Caries, Restorative Dentistry, and the Pulp  
Chapter 15. Effects of Thermal and Mechanical Challenges  
Chapter 16. Interrelationship of Pulpal and Periodontal Diseases  
Chapter 17. Root Resorption  
Chapter 18. Aging and the Pulp  
Chapter 19. Differential Diagnosis of Toothache: Odontogenic versus Nonodontogenic Pain  
Chapter 20. Interrelationship of Pulp and Systemic Disease

#### Contributors

Margaret R. Byers • Anibal Diogenes • Rena D'Souza • Ashraf F. Fouad • Franklin García-Godoy • Harold E. Goodis • Kenneth M. Hargreaves • Michael A. Henry • Michael A. Huber • Hideharu Ikeda • Arnold Kahn • Asma Khan • Richard Schwartz • James H. Simon • Stéphane Simon • José F. Siqueira, Jr • Anthony J. Smith • Philip Stashenko • Hideaki Suda • Franklin R. Tay

**Fachgebiet(e):** Endodontie