

# Revolutions in Pediatric Dentistry

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## Book information

**Editor:** Splieth, Christian H.

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**Short text:**

As a cross-sectional discipline that involves treatment from all areas of specialization, pediatric dentistry relies on the implementation of important developments in every dental field. This book discusses the most recent innovations in dentistry with direct implications for pediatric treatment and explores the rationale behind advocated changes in clinical practice. Presented by an international group of recognized specialists in their respective fields, the topics include the latest on epidemiologic research, fluoride guidelines, caries diagnosis, options for non- and minimally invasive caries treatment, pain-free techniques for local anesthesia, endodontic treatment, use of space maintainers, and treating children in vulnerable populations. With a focus on systematic, evidence-based dentistry, this book presents the developments that will set the standards of tomorrow.

**Contents**

- Chapter 01. New Diagnostic Approaches: Promise or Reality?
- Chapter 02. Changes in Dental Epidemiology and Consequences for Pediatric Dentistry
- Chapter 03. Non-operative Caries Treatment
- Chapter 04. Current Guidelines for the Use of Fluorides for Caries Prevention
- Chapter 05. Antiseptic Agents for the Prevention of Caries in Children: A Dead Horse?
- Chapter 06. Strategies for Further Reductions in Dental Caries: Applying the Common Risk Factor Approach and Directed Vulnerable Populations Strategy
- Chapter 07. To Seal or not to Seal? A Modern Concept for Caries in Pits and Fissures
- Chapter 08. To Seal or not to Seal? Options for Proximal Sealing
- Chapter 09. Microinvasive Caries Treatment by Resin Infiltration
- Chapter 10. To Drill or not to Drill? How Much Caries Removal Do We Need?
- Chapter 11. Local Analgesia: What Are the Techniques That Provide Pain-Free Local Analgesia for Children
- Chapter 12. The Hall Technique as a New Method for Managing Caries in Primary Molars: Is It Really a Revolution?
- Chapter 13. Is There a Chance for Fillings in Primary Teeth? Indications and Techniques Where Fillings in Primary Teeth Make a Difference
- Chapter 14. Pulpotomy: Is MTA/Portland Cement the Future?
- Chapter 15. Pulpectomy
- Chapter 16. Endodontic Management of Non-vital Anterior Teeth with Incomplete Root Development
- Chapter 17. Space Maintenance: What Is the Clinical Evidence Behind It?

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