



Edition: 2nd revised and expanded Edition
2024

pages: 368

Images: 450

Cover: Hardcover; 17 x 24 cm

ISBN: 978-3-86867-693-8

Published: January 2024

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

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

Book information

Editor: Splieth, Christian H. / Santamaría, Ruth M. / Schmoeckel, Julian

Title: Kinderzahnheilkunde in der Praxis

Short text:

Since the first edition of this book was published almost 20 years ago, pediatric dentistry has developed into an established and innovative discipline that offers many exciting new approaches. Of particular note in this regard is the change in the understanding of caries, which enables effective options for caries inactivation or the restoration of teeth “without drilling.” In addition, a variety of methods for the behavior management of children and the use of nitrous oxide sedation are now available, which also facilitate treatment.

The new edition of the book follows a modern, evidence-based, participatory overall concept for pediatric dentistry that focuses on prevention, diagnostics, and early treatment. This is organized in the context of underlying diseases, dysgnathia, and function as well as the care situation, including the recognition of developmental disorders and child abuse. Practical examples, illustrations and cases, flowcharts, billing instructions, and checklists facilitate implementation in everyday practice. Many topics and techniques are illustrated with additional video sequences that can be accessed via QR codes. The textbook is aimed at dentists, prophylaxis teams, and students and aims to support the dental care of children and adolescents with its comprehensive overview.

Contents

Chapter 1. Growth and development in children and adolescents

- Physical development
- Infant (birth to 1 year)
- Toddler (1–3 years)
- Kindergarten child (3–6 years)
- Schoolchild (6–12 years)
- Adolescent (12–18 years)

Chapter 2. From medical history to treatment planning

- Medical history
- Dental examination
- Child endangerment/abuse
- Integrated treatment planning
- Clarification and documentation

Chapter 3. Routine treatments for children

- Getting used to the dental chair
- Risk-specific caries management: non- and minimally invasive
- Local anesthesia in children
- Rubber dam in children and alternatives
- Caries removal and non-restorative therapies
- Restorative therapy
- Gap maintainers and pediatric dentures
- Milk tooth endodontics
- Oral surgery procedures
- Trauma treatment
- Orthodontic aspects for pediatric dentists
- Basic measures in the event of an emergency

Chapter 4. Specialized treatments for children

- Decision-making in specialized paediatric dentistry
- The uncooperative child
- Sedation and intubation anesthesia
- Caries, structural disorders, trauma
- Care of chronically ill and disabled children

- Periodontal diseases in children and adolescents
- Treatment of cleft lip and palate
- Prosthetics in children and adolescents

Chapter 5. Practice concepts for the treatment of children

- Family practice
- Specialized children's practice

With contributions from:

Maria Abdin • Ahmad Al Masri • Mostafa Alzahar • Mohamed Baider • Britta Bockholdt • Hansjörg Cremer • Jochen Fanghänel • Cornelia Gibb • Elmar Hellwig • Ulrike Hintze • Björn-Christian Hübner • Lukasz Jablonowski • Manasi R. Khole • Karl-Friedrich Krey • Anne S. Lauenstein-Krogbeumker • Fritz U. Meyer • S. Mourad • Rebecca Otto • Andrea Rau • Sabine Rienhoff • Jan Rienhoff • Tania Roloff • Ruth M. Santamaría • Rainer Schmelzeisen • Julian Schmoeckel • Andreas Söhnel • Christian H. Splieth • Mitsuhiro M. Tsukiboshi • Annina Vielhauer • Ulrich Wiesmann

Categories: Pediatric Dentistry, General Dentistry, Student literature