




Auflage: 1. Auflage 2023  
Seiten: 408  
Abbildungen: 1284  
Einband: Hardcover; 21 x 28 cm; With a 16-page supplement for patients  
ISBN: 978-1-78698-120-2  
Artikelnr.: 21891  
Erschienen: November 2022  
  
Preis 154,00 €  
Änderungen vorbehalten!

#### Quintessenz Verlags-GmbH

 Ifenpfad 2-4  
12107 Berlin  
Deutschland

 +49 (0) 30 / 76180-5

 +49 (0) 30 / 76180-680

 [info@quintessenz.de](mailto:info@quintessenz.de)

 <https://www.quintessence-publishing.com/deu/de>

## Buch-Information

**Autoren:** Débora R. Vilaboa / Beatriz R. Vilaboa / Jose Manuel Reuss /  
Débora Reuss  
**Titel:** Tooth Wear  
**Untertitel:** The Quintessential Challenge  
**Kurztext:**

Tooth wear is a significant challenge. Progressive, irreversible, and multifactorial in nature, it requires a patient-centered methodology for successful treatment. In this impressive book, the authors advance an integrative and multidisciplinary approach to worn dentitions that promotes early detection, thorough assessment, and conservative modalities and also understands that comprehensive treatment can require surgery, implants, orthodontics, and indirect restoration to improve oral health and achieve esthetic results. Overall, this book effectively compiles all clinical aspects of tooth wear—from concept and diagnosis, treatment and communication, to prevention and long-term maintenance.

### Contents

#### Section I. Understanding Tooth Wear

##### Chapter 01. Tooth Wear: A Major Health Issue

- The Global Burden of Tooth Wear
- Physiologic Versus Pathologic Wear
- Anthropologic and Contemporary Tooth Wear
- Prevalence of Tooth Wear
- Tooth Wear and General Health
- The Quintessential Challenge of Tooth Wear
- The Economy of Tooth Wear: The TW Curve Shape
- The Geography of Tooth Wear
- Key Points
- References

##### Chapter 02. Tooth Wear and Saliva: The First Line of Defense

- The Oral–General Health Connection
- Saliva and the Oral Microbiome: Defenders of Oral and General Health
- Saliva, the Oral Microbiome, and Tooth Wear
- The Importance of Unstimulated Salivary Flow for the TW Patient
- Saliva and Erosion
- The Critical pH
- Bruxism and Saliva
- Improving Salivation: The Invisible Guard
- Key Points
- References

##### Chapter 03. Etiology and Types of Tooth Wear

- Tooth Wear: Classical Nomenclature
- The Etiology of Tooth Wear
- Tooth Wear and the Pediatric Patient
- Tooth Wear in Adolescents and Adult Patients
- Tooth Wear Indices
- Following Tooth Wear Clues: Lifestyle and Health TW Questionnaire
- Key Points
- References

#### Section II. Assessing and Treating Tooth Wear

##### Chapter 04. Diagnosis and Treatment Planning in Tooth Wear

- Initial Visit of the Patient with TW
- Anamnesis of the Patient with Tooth Wear
- Informed Consent for the Patient with Tooth Wear
- Patient-Centered Path in Tooth Wear Treatment
- The Ideal Occlusal Scheme

- Material Selection: When to Subtract and When to Add
- Accuracy and the Preservation Principle
- Traditional Acquisition of Data
- Digital Acquisition of Data: Cross-Mounting in the Digital Era
- Traditional and Digital: Hop-On, Hop-Off Workflow
- Sequence of Reconstruction by Sector
- Key Points: TW Treatment Flowchart
- References

#### Chapter 05. Incipient Tooth Wear

- The Onset of Tooth Wear
- Erosion and Caries: Is There a Link?
- A Close-Up Look at the Incisal Edges
- Anterior and Canine Guidance in Incipient Tooth Wear
- Intercepting Tooth Wear with Orthodontics
- Restoration of Canine and Anterior Guidance
- Intercepting Incipient Erosive Damage
- Key Points: Incipient TW Flowchart
- References

#### Chapter 06. Moderate Tooth Wear: Treatment Strategies

- Moderate TW: The Space Issue
- Adhesion to Worn Surfaces
- Composite for Moderate Tooth Wear: Direct versus Indirect
- Palatal Restorations for Tooth Wear
- Porcelain Laminate Veneers for Tooth Wear
- Increasing VDO: A Tool More than a Target
- Non-Carious Cervical Lesions
- Key Points: Decision Making in Moderate/Severe TW
- References

#### Chapter 07. Severe Tooth Wear: Treatment Strategies

- From Moderate to Severe Tooth Wear
- Wax-Up: The Blueprint
- Additive Approach with Porcelain Laminate Veneers for Anterior Guidance
- Occlusal Scheme: Vertical Dimension of Occlusion and Centric Relation
- Indirect Bonded Inlays/Onlays
- Partial and Full Crowns for Single-Tooth Restorations: Occlusal Adjustment and Polishing
- Key Points: Decision Making in Severe TW
- References

#### Chapter 08. Orthodontics in Tooth Wear Treatment

- Malocclusion and Tooth Wear
- Orthodontics to Intercept Tooth Wear and Preserve Tooth Structure
- Orthodontics to Provide Missing Space and Preserve Tooth Structure
- Communication: A Key Player in the Tooth Wear Outcome
- Timing of Orthodontic and Restorative Interventions
- Key Points: TW Treatment Planning: Considerations for the Orthodontic-Restorative Team
- References

#### Chapter 09. Implants in Patients with Tooth Wear

- Biologic and Mechanical Considerations
- Clinical Recommendations
- Overload and Implant Failure in Patients with Tooth Wear
- Implants and Occlusal Space in Patients with Severe TW: Management of Vertical Collapse
- Digital Cross-Mounting and Advantages of Digital Protocols in TW Treatment
- Maintenance Protocols in Patients with TW and Implants
- Key Points: Implants in TW
- References

### Section III. Prevention and Long-Term Maintenance in Tooth Wear Treatment

#### Chapter 10. Are we in Time to Flatten the Tooth Wear Curve?

- 30 Years of Treating Tooth Wear: What have we learned?
- Modern Lifestyle: Change what is possible
- Targeting Nutritional Risk Factors: The Benefits of Erosion-Protective Foods
- Parafunctional Habit Control and Ideal Occlusal Scheme: Keys to Long-Term Maintenance
- Oral Hygiene and Tooth Wear
- New Strategies in TW Prevention: Enhancing Healthy Saliva, The Day and Night Bodyguard
- Long-Term Maintenance of the Patient with TW
- Patient-Centered Long-Term Management of TW: Quality of Life, Prems, and Proms
- Key Points: General Maintenance Guidelines for the Patient with TW
- References

**Fachgebiet(e):** Prothetik, Ästhetische Zahnheilkunde