



Edition: 1st Edition 2022  
pages: 184  
Images: 250  
Cover: Hardcover, 21,6 x 28 cm  
ISBN: 978-0-86715-795-6  
Stock No.: 19701  
Published: November 2021

Price 88,00 €  
Subject to changes!

#### Quintessenz Verlags-GmbH

📍 Ifenpfad 2-4  
12107 Berlin  
Germany

📞 +49 (0) 30 / 76180-5

📠 +49 (0) 30 / 76180-680

✉ info@quintessenz.de

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

## Book information

**Authors:** Hans Jürgen Schindler / Jens Christoph Türp

**Title:** Occlusal Splints for Painful Craniomandibular Dysfunction

**Short text:**

*With contributions from:*

*Lydia Eberhard • Nikolaos Nikitas Giannakopoulos • Daniel Hellmann • Alfons Hugger • Bernd Kordaß • Martin Lotze • Marc Schmitter*

New knowledge in the area of functional therapy for patients with orofacial pain and dysfunction has emerged in recent years but has yet to make its way to many dental practices. This book bridges that gap, presenting a practical guide for the treatment of craniomandibular dysfunction (CMD)—a functional disorder that affects the muscles of mastication, temporomandibular joints, and/or occlusion—in patients with related pain. The first half of the book provides detailed but simple clinical instructions and examples of occlusal splint therapy, including splint fabrication and coordinative training for painful CMD, based entirely on a high level of evidence. The second half delves deeper into the etiology, advanced diagnostic techniques, neurobiology, and pathophysiology of painful CMD and splint therapy.

#### Contents

##### Practice of Occlusal Splint Therapy and Coordinative Training

Chapter 01. Introduction (*Jens C. Türp*)

Chapter 02. Structured Treatment Approach in Practice (*Hans J. Schindler*)

Chapter 03. Interocclusal Registration in Splint Therapy (*Daniel Hellmann, Jens C. Türp*)

Chapter 04. Splint Fabrication (*Daniel Hellmann*)

Chapter 05. Coordinative Training for Functional Rehabilitation (*Daniel Hellmann*)

##### Aspects of Painful CMD and Splint Therapy Explored in Depth

Chapter 06. Risks (*Jens C. Türp, Hans J. Schindler, Alfons Hugger, Marc Schmitter*)

Chapter 07. Diagnostics (*Lydia Eberhard, Nikolaos Nikitas Giannakopoulos, Hans J. Schindler*)

Chapter 08. Treatment (*Hans J. Schindler, Alfons Hugger*)

Chapter 09. Neurobiologic Background of Occlusal Splint Therapy (*Hans J. Schindler*)

Chapter 10. Neurobiology and Biomechanics of Occlusal Splint Therapy (*Hans J. Schindler*)

Chapter 11. Cerebral Representation of Occlusal Splint Therapy: Functional MRI Studies (*Martin Lotze, Bernd Kordaß, Hans J. Schindler*)

**Categories:** Functional Therapy