




Edition: 1st Edition 2024  
pages: 256  
Images: 370  
Cover: Hardcover; 21 x 28 cm  
ISBN: 978-3-86867-610-5  
Published: September 2024

**Quintessence Publishing Company, Ltd.**

 Grafton Road  
KT3 3AB New Malden, Surrey  
United Kingdom

 +44 (0)20 8949 6087

 +44 (0)20 8336 1484

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

 <http://nginx/gbr/en>

## Book information

**Editor:** Beckmann, Anita / Uhlmann, Ulrike

**Title:** Das restriktive Zungenband

**Subtitle:** An interdisciplinary challenge

**Short text:**

The tongue has an important function for the development of myofunctional balance, among other things. Consequently, a tongue ligament that restricts the tongue's function could result in far-reaching consequences. Depending on the age of the individual, it can cause breastfeeding difficulties or problems with eating. Misaligned teeth and jaws, anomalies in linguistic development, breathing, or sensorimotor development are also possible. The authors of this book deal with all aspects of the subject in a scientifically sound manner for all stages of the patient's life and on the basis of their practical experience as dentists, orthodontists, osteopaths, physiotherapists, logopedists, and breastfeeding consultants.

*Including an introductory message by Mathilde Furtenbach and contributions by Andrea Freudenberg, Sabine Fuhlbrück, Michaela Dreißig, Veronika Langenberg, Jan Büchner, Marc Asche, Claudia Kanitz, Claudia Ladewig, and Franka Meuter*

### Contents

#### **Chapter 1. Embryology, anatomy, and physiology of the head and lower tongue region**

- Introduction to the topic
- Morphologic development of the skull
- Embryologic aspects of the sublingual region
- Macro- and microanatomical aspects of the tongue, the region under the tongue and floor of the mouth, and the lingual ligament
- Physiologic aspects of the orofacial-respiratory system from different perspectives (myofunctional, breastfeeding, logopedic, physiotherapeutic)

#### **Chapter 2. The tongue in a comprehensive context**

- Introduction
- The restrictive lingual ligament in relation to sleep

#### **Chapter 3. The pathology of the restrictive lingual ligament and its interdisciplinary management in patients of different ages**

- Introduction
- Pathology of morphologic skull development
- The restrictive lingual ligament in infancy
- The restrictive lingual ligament in the primary and mixed dentition
- The restrictive lingual ligament in adulthood

#### **Chapter 4. Separation media, treatment decisions and failures, discussion, and network design**

- Laser
- Failures and complications
- The decision regarding the optimal time, the decision to "not separate," partial and two-stage separations as a therapy option
- Discussion on the necessity of active wound management
- Efficient ways for interdisciplinary collaboration and useful working documents

**Categories:** General Dentistry, Pediatric Dentistry