



Edition: 1st Edition 2014  
pages: 400  
Images: 830  
Cover: Softcover  
ISBN: 978-0-86715-611-9  
Stock No.: B6119  
Published: September 2014  
Price \$10.00  
Subject to changes!

#### 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](mailto:contact@quintbook.com)

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

## Book information

**Authors:** Arnold Hohmann / Werner Hielscher

**Title:** Foundations of Dental Technology

**Subtitle:** Anatomy and Physiology

#### Short text:

Dental technicians must have a comprehensive knowledge of dental anatomy, physiology, and pathology in order to work with dentists to produce successful dental prostheses. Much training for dental technicians is spent on honing sound technical skills, but this textbook lays out the theoretical foundation that is prerequisite for reproducing functional and esthetic teeth and replacement tissues for individual dentitions. By providing the medical and technical context for dental technology work and focusing on functional interrelation among the anatomical components, the authors establish the variables and criteria for measuring success. This book provides the high-level technical knowledge necessary to develop profession-specific competence and innovation in dental technology.

#### Contents

Chapter 01. Fundamental Concepts of Dental Technology

Chapter 02. Cells and Tissues

Chapter 03. Dental Tissues

Chapter 04. Morphology of Teeth

Chapter 05. Morphology of the Dentition

Chapter 06. Cranial Anatomy

Chapter 07. Physiology of Mandibular Movement

Chapter 08. Articulators

Chapter 09. Pathology of the Orofacial System

Chapter 10. Orthodontics

Chapter 11. Splint Therapy

**Categories:** Prosthodontics, Dental Technology, Student literature