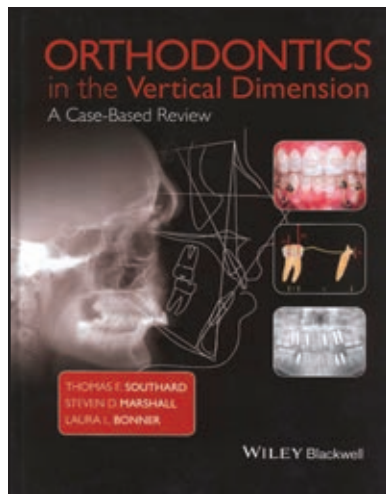


BOOK REVIEWS

Orthodontics in the Vertical Dimension: A Case-Based Review

THOMAS E. SOUTHARD
STEVEN D. MARSHALL
LAURA L. BONNER

544 pages, 2,500 clinical photographs and illustrations. \$179.99. 2015.
Wiley Blackwell, 1 Wiley Drive, Somerset, NJ 08875. (800) 225-5945; www.wiley.com.



The best way to learn orthodontics outside of clinical experience is to critically review case reports. Case-based review is the foundation of orthodontic residency education, and it is precisely the method used in this book by Drs. Thomas Southard, Steven Marshall, and Laura Bonner. In an interesting twist, these renowned clinicians and educators have written their text entirely in a question-and-answer format. The reader immediately becomes part of the academic discussion as the authors ask question after question aimed at providing resolution of the presented cases.

The book covers the entire spectrum of problems in the vertical dimension. An opening chapter provides an overview of the fundamental principles of diagnosis and treatment planning, which are applied in the subsequent chapters on dental deep bite, skeletal deep bite, dental anterior open bite, skeletal anterior open bite, and posterior open bite. Each case is beautifully documented with ample records, but there is no mention of bracket types or specific orthodontic manufacturers; the emphasis is all on critical thinking. Some of my favorite clinical pearls include:

- Bonding the lower second molars and, if necessary, placing the archwire under the premolar brackets to promote extrusion of the lower premolars and consequent bite opening in dental deep-bite patients.
- Anticipating a 10-20% increase in overbite during retention of dental deep-bite cases, overcorrecting to a shallow overbite and retaining with a maxillary Hawley bite plate and a mandibular Hawley retainer with high

acrylic on the lingual of the anterior teeth.

- Treating adult skeletal deep-bite patients who are also mandibular-deficient with tripod mandibular advancement, and leveling the mandibular curve of Spee after surgery.
- Using vertical elastics with maxillary stainless steel and mandibular nickel titanium archwires to facilitate leveling of the curve of Spee.
- Drilling a small hole in the palate of a maxillary Hawley retainer to control forward tongue posture.

The profession of orthodontics is largely a discipline of observation, reasoning, and decision-making. This book aims at strengthening those in-treatment decision abilities. It is perfect both for orthodontic residents just learning their technique and for experienced clinicians interested in improving their proficiency. I promise it will be one of the most remarkable books you have ever read.

NEAL D. KRAVITZ, DMD, MS

Briefly Reviewed

Medical Emergencies in Dental Practice

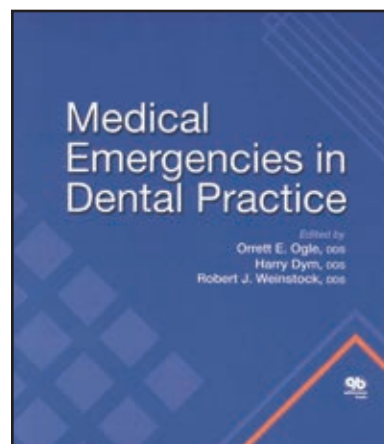
ORRETT E. OGLE, DDS
HARRY DYM, DDS
ROBERT J. WEINSTOCK, DDS

200 pages, 156 illustrations. \$69. 2016.

Quintessence Publishing Co., Inc.,
4350 Chandler Drive, Hanover
Park, IL 60133. (800) 621-0387;
www.quintpub.com.

Although medical emergencies are infrequently encountered in the dental office,

every clinician should have a working knowledge of how to manage them. This book provides a systematic approach to handling a variety of crises, including respiratory problems, hypertension, hypotension, chest pain, and allergies, among many others. Along with step-by-step guidelines and algorithms for specific situations, the authors describe the essential components of an emergency kit, basic life-support techniques, and elements of risk analysis in pretreatment evaluation. This will be a helpful reference to have on hand in case a medical emergency ever arises in your office.



Anatomy for Dental Medicine

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2nd edition. 576 pages, 1,212 illustrations. \$74.99. 2016.

Thieme Publishers, 333 Seventh
Ave., New York, NY 10010. (800)
782-3488; www.thieme.com.

This updated second edition of *Anatomy for Dental Medicine* includes two new chapters on embryology and anatomy of

the rest of the body (the upper limbs, thorax, abdomen, and pelvis), an expanded chapter on neuroanatomy, an appendix on anatomy for local anesthesia, and review questions and answers. Now organized in a more regional format, the book retains key features from the first edition, such as high-quality illustrations explaining a variety of concepts and summary tables for easy reference and review. As a bonus, access is provided to Winking Skull.com PLUS, an educational and interactive online study aid. This single-volume atlas is intended to meet the needs of all students of dental anatomy.

