

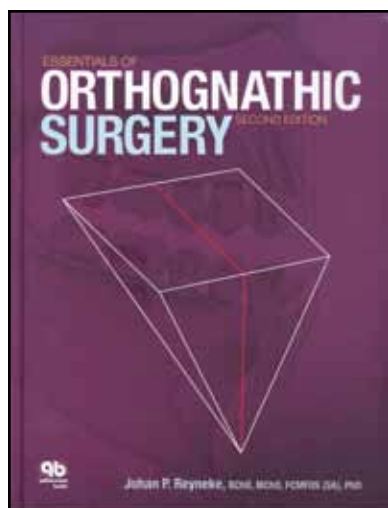
BOOK REVIEWS

Essentials of Orthognathic Surgery

JOHAN P. REYNEKE, BCHD, MCHD, FCMFOS, PHD

2nd edition. 280 pages, 821 illustrations (mostly color). \$180. 2012.

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



This revised edition of Dr. Reyneke's popular text offers a concise, easily comprehensible, and well-illustrated approach to the diagnosis, orthodontic preparation, and surgical treatment of the orthognathic patient. Many sections have been added and revised, with new full-color images and case reports.

Five in-depth chapters follow the journey of the orthognathic patient from start to finish. "Principles of Orthognathic Surgery" reviews the initial consul-

tation and treatment planning. "Systematic Patient Evaluation" surveys the standard records required for orthognathic surgery, including a sociopsychologic and esthetic facial evaluation. "Diagnosis and Treatment Planning" provides specific orthodontic guidelines for surgical cases and shows how to develop visual treatment objectives for each set of problems. "Basic Guidelines for the Diagnosis and Treatment of Specific Dentofacial Deformities", covering anteroposterior and vertical excess and deficiency, offers expanded material on rotation of the maxillomandibular complex, treatment of open-bite deformities, and distraction osteogenesis. "Surgical Techniques" reviews Le Fort I maxillary osteotomy, bilateral split-ramus osteotomy, and genioplasty, with new material added on intraoral vertical mandibular-ramus osteotomy. At the end of each chapter, Dr. Reyneke provides a list of recommended reading.

Of particular interest to the

orthodontist is Chapter 3, in which the author uses a specific case report to review the initial evaluation, the diagnosis and problem list, the treatment objectives, and the mechanics of presurgical orthodontic treatment, including orthodontic considerations for various scenarios. Dr. Reyneke emphasizes the importance of the orthodontic and surgical visual treatment objectives in determining the ideal maxillary and mandibular incisor positions and angulations, which will change with autorotation of the mandible and alteration of the occlusal plane angle.

In summary, this second edition is orthognathic surgery made simple—a lucid overview as essential for the orthodontist's library as the standard texts by Sarver and by Arnett and McLaughlin. The author implores us to remember that in "changing the faces of our patients, we are also certainly changing their lives".

NEAL D. KRAVITZ, DMD, MS

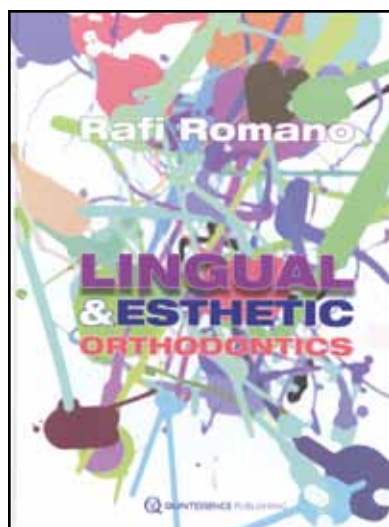
Lingual & Esthetic Orthodontics

RAFI ROMANO, DMD, MSC, Editor

704 pages. 2,234 illustrations. \$328. 2011.

Quintessence Publishing Co, Inc., 4350 Chandler Drive, Hanover Park, IL 60133.

(800) 621-0387; www.quintpub.com.



Dr. Rafi Romano and associate editors Drs. Silvia Geron and Pablo Echarri, along with many well-known lingual clinicians as contributors, present this significant work at an appropriate time—when lingual orthodontics has reached a high level of quality and popularity in Europe, Asia, and Latin America, and now also in the United States and Canada.

Section I includes a dozen

chapters describing different types of lingual appliances, all illustrated with well-documented and excellently treated cases. In the world of lingual orthodontics, the practitioner depends more on the capability of the appliance to deliver the desired treatment goal than on the chosen mechanotherapy. The renewed interest in lingual treatment has motivated manufacturers to invest in the development of appliances that not only facilitate the delivery of treatment goals, but are easier for the orthodontist and staff to adapt to the office routine. A chapter on lingual instrumentation emphasizes that pliers should be different from those used on the labial, with a 45° angulation on most of their tips.

Section II is devoted to laboratory techniques, focusing on new-generation procedures that have been demonstrated to improve the accuracy of bracket placement during indirect bond-

ing, thus reducing the potential for human error. Section III is a useful potpourri of lingual treatment mechanics, including complex biomechanical concepts, multidisciplinary techniques, micro-implant anchorage, and finishing. A variety of well-treated, complex lingual cases are shown.

Section IV describes lingual tips and tricks, dismissing popular myths regarding orthodontic treatment and reviewing some of the difficulties that new lingual practitioners may encounter. Section V is an overview of cosmetic techniques involving Invisalign and lingual appliances. In the final section, Dr. Romano nimbly reviews the status of lingual orthodontics and offers keys to the future of the technique.

Overall, this is a book that both seasoned and novice lingual orthodontists should seriously consider for their personal libraries.

MARIO E. PAZ, DDS, MS