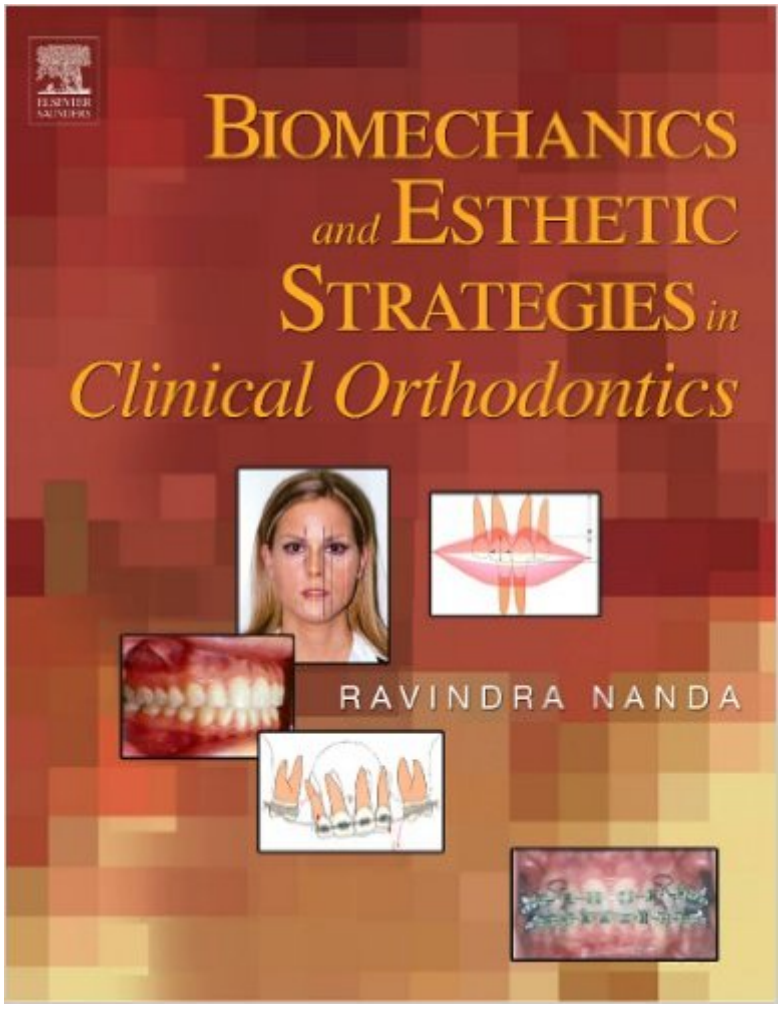
Biomechanics And Esthetic Strategies In Clinical Orthodontics



Synopsis

This text provides state-of-the-art reference on the successful application of biomechanics in clinical orthodontics. It features comprehensive guidance on basic biomechanic principles to orthodontic problem resolution by focusing on the fundamentals. Also including new, cutting edge topics, this book shows how all techniques can apply biomechanical principles to improve the force delivery, understand and prevent side effects, and achieve predictable results.Full-color illustrations help the reader visualize and grasp key concepts.Line drawings accompany clinical photos to clarify important information and techniques.Chapters are organized from the most common to least common orthodontic problems, creating an easy-to-follow layout that makes the topics easy to find.Inclusion of cutting edge topics such as skeletal anchorage, esthetic concepts, interdisciplinary treatment, biomechanical factors, biology of tooth movement, and management of orthodontic problems presents current trends in orthodontics.Information on the latest advances in the use, selection, and properties of orthodontic wires exhibits all viable options for important decision-making.Comprehensive coverage of diagnosis, treatment planning, and biomechanical strategies provides knowledge of how to apply specific mechanisms to specific problems.Simplified approach makes biomechanics easy to understand and implement.Presentation of nonextraction treatment modalities explains how to use headgear, Herbst appliances, memory alloy springs, and other methods to yield predictable results.Solid information on treating malocclusion shows readers how simple changes in arch wire bending can greatly improve tooth movement quality.

Book Information

Hardcover: 400 pages
Publisher: Saunders; 1 edition (April 25, 2005)
Language: English
ISBN-10: 0721601960
ISBN-13: 978-0721601960
Product Dimensions: 11.1 x 8.8 x 0.8 inches
Shipping Weight: 2.9 pounds
Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)
Best Sellers Rank: #2,124,206 in Books (See Top 100 in Books) #60 inÂ Books > Textbooks > Medicine & Health Sciences > Dentistry > Orthodontics #119 inÂ Books > Medical Books > Dentistry > Orthodontics #4321 inÂ Books > Engineering & Transportation > Engineering > Bioengineering

Customer Reviews

It’s a great book. I recommend it to Orthoresidents. Although parts of the information is repeated in other major texts, it still has many things to offer. I also enjoyed reading the chapters on esthetics. Every orthodontist should own this book

A good book about biomechanic applications + esthetics for ortho residents. e.g application of intrusion arch and preventing it’s side effects, fixed functional appliances, space closing mechanics, facemask therapy, skeletal anchorage are some chapters existing in this book

Biomechanics and Esthetic Strategies in Clinical Orthodontics Aligner Orthodontics: Diagnostics, Biomechanics, Planning and Treatment Biomechanics in Orthodontics: Principles and Practice Esthetics and Biomechanics in Orthodontics, 2e Clinical Problem Solving in Orthodontics and Paediatric Dentistry, 2e (Clinical Problem Solving in Dentistry) Clinical Biomechanics of the Lower Extremities, 1e Plastic-Esthetic Periodontal and Implant Surgery: A Microsurgical Approach Mucogingival Esthetic Surgery ITI Treatment Guide, Volume 1: Implant Therapy in the Esthetic Zone for Single-tooth Replacements (ITI Treatment Guides) Fundamentals of Esthetic Dentistry, Second Edition Clinical Problem Solving in Orthodontics and Paediatric Dentistry Text and Evolve eBooks Package, 2e TMD and Orthodontics: A clinical guide for the orthodontist Clinical Cases in Orthodontics Evidence-Based Clinical Orthodontics Biomechanics in Clinic and Research: An interactive teaching and learning course, 1e Biomechanics of the Foot and Ankle Mosby’s Essential Sciences for Therapeutic Massage: Anatomy, Physiology, Biomechanics, and Pathology, 4e (On the Spot) Basic Orthopaedic Biomechanics and Mechano-Biology, 3rd ed. Fundamentals of Biomechanics: Equilibrium, Motion, and Deformation Biomechanics and Physical Training of the Horse