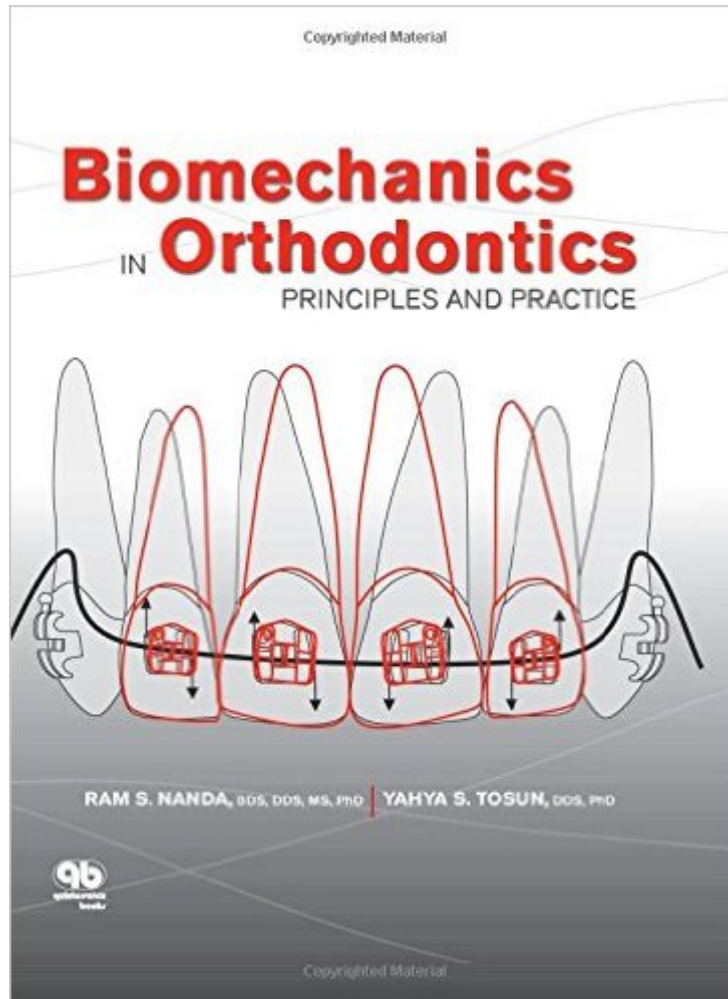


The book was found

# Biomechanics In Orthodontics: Principles And Practice



## Synopsis

Though comprehensive diagnosis and treatment planning set the stage for effective orthodontic treatment, it is a clear understanding of the fundamental biomechanical principles behind orthodontic force that allows the clinician to design the most favorable appliances and systems. Correct application of the principles of biomechanics leads to highly efficient and successful orthodontic treatment; a lack of proper understanding produces ineffectual systems that may even lead to collateral tissue damage. In addition, knowledge about the properties of the latest wire, bracket, and bonding materials and designs is a key factor in the configuration of successful orthodontic appliances. This essential book introduces students of orthodontics to the evolution of orthodontic technology and the properties of orthodontic materials, and outlines the essential mechanical principles behind successful orthodontic treatment.

Contents

1. Physical Principles
2. Application of Orthodontic Force
3. Analysis of Two-Tooth Mechanics
4. Frictional and Frictionless Systems
5. Anchorage Control
6. Correction of Vertical Discrepancies
7. Correction of Transverse Discrepancies
8. Correction of Anteroposterior Discrepancies
9. Space Closure

## Book Information

Hardcover: 168 pages

Publisher: Quintessence Pub Co; 1 edition (June 30, 2010)

Language: English

ISBN-10: 0867155051

ISBN-13: 978-0867155051

Product Dimensions: 8.7 x 0.7 x 11.2 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 4.8 out of 5 stars [See all reviews](#) (4 customer reviews)

Best Sellers Rank: #532,401 in Books (See Top 100 in Books) [#9 in Books > Textbooks >](#)

[Medicine & Health Sciences > Dentistry > Orthodontics](#) [#21 in Books > Medical Books >](#)

[Dentistry > Orthodontics](#) [#77 in Books > Science & Math > Biological Sciences > Biophysics](#)

## Customer Reviews

Very informative and interesting book . I highly recommend it to whoever is doing orthodontics. It is a must have for any dentist who does orthodontics.

EXCELLENT BOOK FOR BIOMECHANICS CONCEPTS  
VERY NICE ILLUSTRATIONS AND  
SCIENCE BEHIND WIRE BENDING, LOOP MECHANICS  
EXCELLENT SOURCE FOR GETTING

## KNOWLEDGE

Traditional opinion

very good theorem,

[Download to continue reading...](#)

Biomechanics in Orthodontics: Principles and Practice Aligner Orthodontics: Diagnostics, Biomechanics, Planning and Treatment Esthetics and Biomechanics in Orthodontics, 2e Biomechanics and Esthetic Strategies in Clinical Orthodontics Principles And Practice of Mechanical Ventilation, Third Edition (Tobin, Principles and Practice of Mechanical Ventilation) Principles and Practice of Gynecologic Oncology (Principles and Practice of Gynecologic Oncology (Hoskins)) ASTNA Patient Transport: Principles and Practice, 4e (Air & Surface Patient Transport: Principles and Practice) DeVita, Hellman, and Rosenberg's Cancer: Principles & Practice of Oncology (Cancer: Principles & Practice (DeVita))(2 Volume Set) Orthodontics: Current Principles and Techniques, 6e Orthodontics: Current Principles and Techniques, 5e Orthodontics: Current Principles and Techniques, 4e 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 Enhancement Orthodontics: Theory and Practice The New Ride with Your Mind Clinic: Rider Biomechanics-Basics to Brilliance Basic Biomechanics

[Dmca](#)