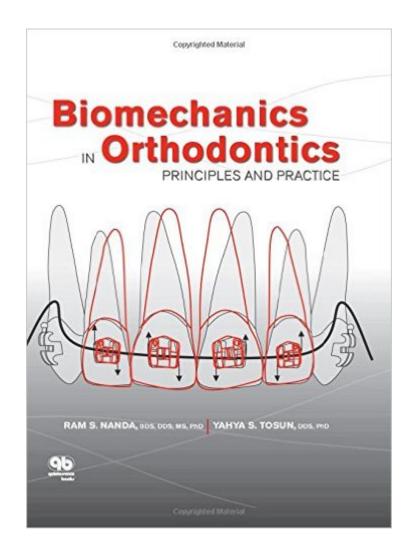
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# Biomechanics In Orthodontics: Principles And Practice





# **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.Contents1. Physical Principles2. Application of Orthodontic Force3. Analysis of Two-Tooth Mechanics4. Frictional and Frictionless Systems5. Anchorage Control6. Correction of Vertical Discrepancies7. Correction of Transverse Discrepancies8. Correction of Anteroposterior Discrepancies9. Space Closure

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## 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 CONCEPTSVERY NICE ILLUSTARATIONS AND SCIENCE BEHIND WIRE BENDING, LOOP MECHANICSEXCELLENT SOURCE FOR GETTING

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