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Book information

Authors: Eiichiro Nakajima

Title: Manual of Wire Bending Techniques

Short text:

Effective wire bending techniques that are customized to each individual patient make orthodontic treatment more efficient and can reduce treatment time. In lieu of overly complicated wire bending, the author of this manual promotes precise, intuitive bending and presents the proven methods that work with any biologically compatible wire. The essential components and techniques of customized wire bending are detailed step-by-step, including trimming of casts; selection and proper manipulation of pliers; the first-order bends (in or out), second-order bends (up or down), and third-order bends (torque); and optimal methods of adjustment to be used during orthodontic treatment. In addition, the author elucidates the "fourth-order bend," which is the understanding of how to use a wire effectively to apply orthodontic force to a patient over time. Technical images and case presentations illustrate each step of the process to ensure maximum comprehension. A must-have guide for orthodontic residents and practitioners alike.

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Chapter 1. Mastering the Fourth-Order Bend

Chapter 2. Trimming Casts

Chapter 3. Basic Wire Bending

Chapter 4. Corrective Techniques: Clinical Cases

Categories: Orthodontics, Student literature