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Buch-Information

Autoren: Charles J. Burstone / Kwangchul Choy
Titel: The Biomechanical Foundation of Clinical Orthodontics
Kurztext:

All orthodontic treatment modalities can be improved by the application of sound biomechanics, yet most orthodontic therapy today is delivered without consideration of forces or force systems. Orthodontic hardware itself is only a means to an end point, such as tooth alignment, bone remodeling, or growth modification; the orthodontist can achieve these goals only by manipulating forces, regardless of the techniques used. Written by a world-renowned authority on the subject, this book teaches biomechanics in an easy-to-understand and engaging way, using universal examples outside orthodontics to illustrate basic force systems and how they function and then applying these principles to the practice of clinical orthodontics. The authors cover all of the force systems an orthodontist needs to understand to deliver effective treatment, explaining how each can be controlled and manipulated and demonstrating the forces at work through highly instructive 3D illustrations. Most chapters conclude with the presentation of several study problems, allowing the reader an opportunity to practice developing treatment plans using the biomechanical concepts discussed in each chapter. (Answers are provided at the end of the book.) This book is sure to be an instant classic.

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Fachgebiet(e): Kieferorthopädie