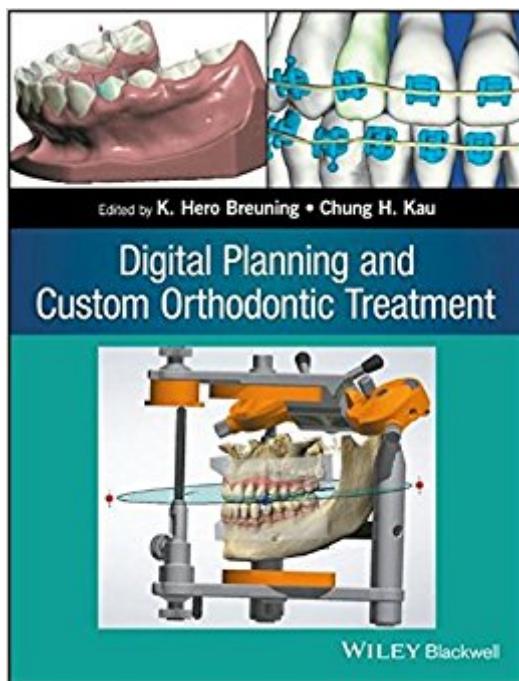


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Digital Planning And Custom Orthodontic Treatment



Synopsis

Digital Planning and Custom Orthodontic Treatment offers a thorough overview of digital treatment planning as it relates to custom orthodontic treatment. Covers 3D imaging of the dentition and the face with intraoral scanners, CBCT machines, and 3D facial scanners. Provides a complete guide to using digital treatment planning to improve the predictability, efficiency, and efficacy of orthodontic treatment. Discusses CAD/CAM fabrication of appliances and the monitoring of treatment progress and stability. Offers detailed descriptions for the main commercial systems on the market. Presents clinically oriented information to aid in yielding high quality and stable results.

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Digital Planning and Custom Orthodontic Treatment offers a thorough overview of digital treatment planning as it relates to custom orthodontic treatment. Chapters are focused on 3D imaging, movement of the mandible (4D imaging), digital planning of treatment, CAD/CAM fabrication of appliances, and effective transfer of the custom appliances to the dentition. The book describes current workflows for a number of custom systems available, including the aligner system Invisalign, the Insignia buccal custom appliances, and lingual custom systems such as Incognito, the Harmony System, eBrace/eLock, and custom wires made by Sure Smile. Written to emphasize practical information, the book offers up-to-date coverage of digital documentation in 3D and 4D for analyzing malocclusions and for the planning, design, and fabrication of custom orthodontic appliances. Digital Planning and Custom Orthodontic Treatment is a useful guide for orthodontists, maxillofacial surgeons, and practicing dentists. Key features

Covers 3D imaging of the dentition and the face

with intraoral scanners, CBCT machines, and 3D facial scanners Provides a complete guide to using digital treatment planning to improve the predictability, efficiency, and efficacy of orthodontic treatment Discusses CAD/CAM fabrication of appliances and the monitoring of treatment progress and stability Offers detailed descriptions for the main commercial systems on the market Presents clinically oriented information to aid in yielding high-quality and stable results

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