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CAD/CAM technology in orthodontics

Rafi Romano

Hebrew University, Israel

For many years, CAD/CAM (Computer Aided Design/Computer Aided Manufacturing) technology has been used in dentistry-in tooth restoration and reconstruction, implants and by dental technicians. In Orthodontics, CAD/CAM technology is less commonly used despite the advancement of the technology. In recent years, CAD/CAM is used to manufacture transparent aligners and custom made brackets. These are not yet flexible treatments meeting the expectations of orthodontists, in particular, and referring doctors, in general, and the treatment plan is performed principally by the manufacturer. During the lecture, new technology in orthodontics will be presented in which CAD/CAM is utilized during each stage of the treatment from 3D diagnosis to a variety of treatment plans through simple and accessible procedures to finish treatment optimally.