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Review Article

Computer-aided Design vs Conventional Design and Bite Transferring Method for Full Mouth Rehabilitation

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Abstract

Currently, computer-aided design/computer-aided manufacturing (CAD/CAM) is widely used in dentistry. The application of CAD/CAM has numerous advantages over conventional techniques, such as the processing time and error of final restoration were decreased. In addition, the information of provisional restorations transfers to fabricate final restorations was easily and highly accurate. Full mouth rehabilitation is a comprehensive and complicated procedure. The CAD/CAM is considered to be an alternative technique to the cross-mount technique to produce the precise final restoration through the accurate transfer information of provisional restoration. However, the application of CAD/CAM requires an understanding of the basic concept, digital technologies, and good communication between dentist and technician to create the precise and esthetic outcome of the final restoration.

Keywords: bite transferring, CAD/CAM, cross-mount, full mouth rehabilitation