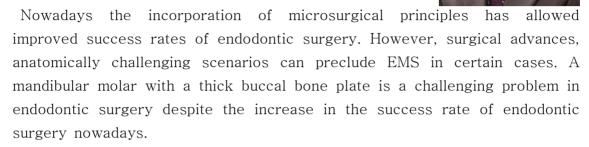
Title: Endodontic Microsurgery Using 3D Surgical Guide

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Abstract



Computer-aided design/ computer-aided manufacturing (CAD/CAM) and 3-dimensional (3D) printing technology were first developed and applied in the late 1980s and 1990s. Currently, CAD/CAM and 3D printing have diverse applications in dentistry including the fabrication of dental models, temporary restorations, surgical guides for orthognathic surgery, and trays for indirect bonding of orthodontic brackets. Surgical guide templates using CAD/CAM and 3D printing, in particular, are commonly used in implant surgery. These templates have also been recently introduced in endodontic fields. In this lecture, application of surgical template to guide osteotomy and facilitate apex localization in endodontic microsurgery will be discussed.

CV

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