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The ultimate esthetic experience

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Introduction: The field of esthetic and adhesive dentistry has expanded rapidly over the last two decades in an effort to keep pace with patients' demands. With the introduction of Computer-Aided Design and Computer-Aided Manufacturing technology (CAD/CAM) in the dental field, new materials were launched and developed in order to achieve the esthetic outcome requested in smile re-engineering. Two main incentives drove this evolution. Adhesive techniques combined with the use of tooth-colored restorative materials where and still are frequently requested by patients. They want us to restore their teeth not only anatomically and functionally, but also aesthetically.

Aim:

1. To be able to identify the advantages of use of Chairside CAD/CAM in specific practice areas.
2. Understand the power of a one visit makeover with CAD/CAM for Anterior veneers and crowns.
3. To be able to create the "Ultimate Patient Experience"
4. To learn the key elements to taking your practice to the next level and how CAD/CAM technology pays for itself.

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An optical tool for the detection of oral cancer – Reality or gimmick

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Early-stage oral cancers and oral potentially malignant disorders cannot be adequately identified by visual inspection alone and easily may be overlooked and neglected, even by highly trained professionals with broad experience. Furthermore, surgical biopsy followed by histopathological assessment (gold standard) suffers from both inter-observer and intra-observer variability. Thus, methods of detection at early, curable stages are crucial and if effective tools are available this may lead to a reduction in the current unacceptably high oral cancer morbidity and mortality rates. Therefore, there is need of newer diagnostic aids which can distinguish between various lesions reliably and non-invasively, have the ability to accurately identify biopsy site and also detect premalignant changes in the earliest stage. In the past decades, a number of adjunctive techniques have emerged with claims by the manufacturers of enhancing oral mucosal examinations and facilitating the detection of, and distinction between oral benign and oral potentially malignant and malignant disorders. Clinicians who use these techniques may be unaware of the state of the evidence supporting their effectiveness.

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