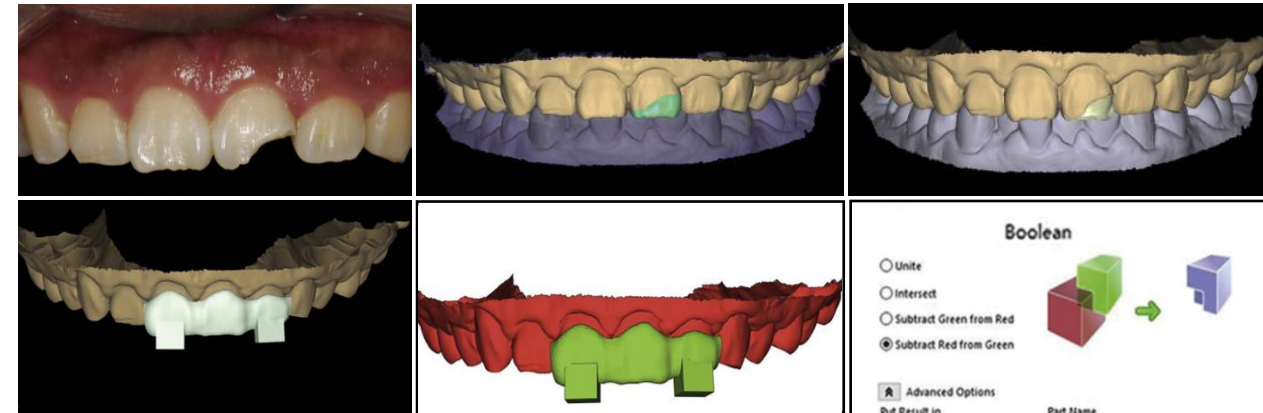


REVOLUTIONIZING DENTAL AESTHETICS: A DIGITAL APPROACH TO LAYERING COMPOSITE RESIN RESTORATIONS

AIM - To describe the digital process for layering direct composite resin restorations using digital tools and 3D technology.

CRYSTALEYE

SPECTROSHADEMICRO (MHT)



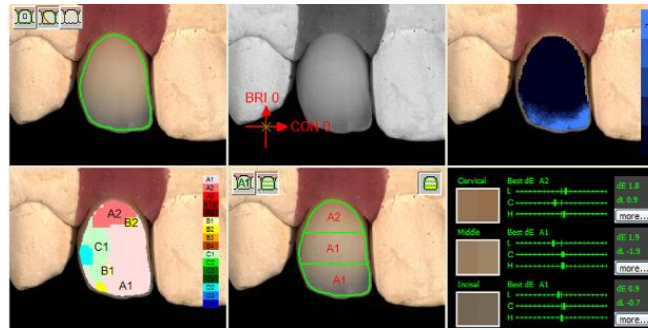
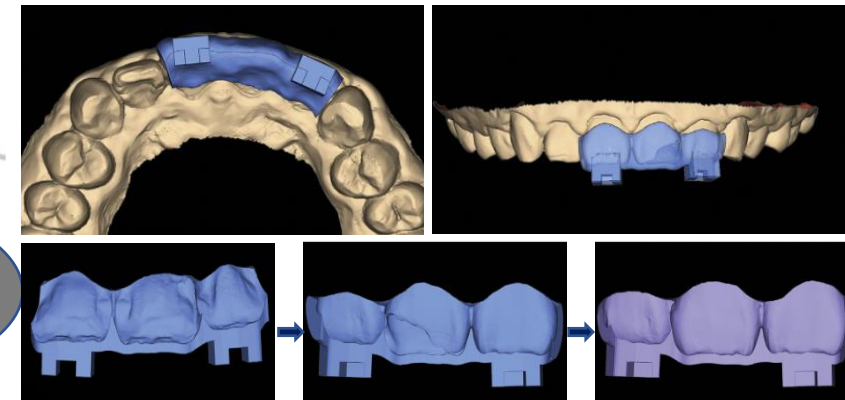
"free-form tool" and add attachments

RECENT ADVANCES

TRIOS[®] Color Shade



TRIOS[®] is the only intraoral scanner in the market with an automatic shade measurement tool included



Combines the benefits of a traditional spectrophotometer with digital photography.

uses LEDs as an illumination light source.

provides a combination of numerical colour data and photographic images.

Accuracy exceeds other devices on the market

LED-based spectrophotometer device

Break down the shade into three distinct areas: cervical, middle, and incisal

crowns, veneers, or composite restorations

Provide a colour map that can be converted to shade guide systems

REFERENCE: 1. Zhang J, Fan L, Xie C, Li J, Zhang Y, Yu H. A digital workflow for layering composite resin restorations by using 3-dimensionally printed templates to replicate the contralateral tooth accurately and rapidly. The Journal of Prosthetic Dentistry. 2022 May 2.

2. Chu SJ, Trushkowsky RD, Paravina RD. Dental color matching instruments and systems. Review of clinical and research aspects. Journal of dentistry. 2010 Jan 1;38:e2-16.