Case study

Digital Workflow with the V3 implant

Brief description

Treatment highlights of a mixed implant-restorative case, with 4 failing teeth. Design is performed digitally, using a library of natural shapes and positioning them to favor the soft tissue situation. A diastema, once agreed on with the patient, offers a more forgiving aspect of the central papilla. While the small overlap illusions are meant to mimic similar shorter papillae situations in nature. A digital workflow is used to highlight the possibilities of an advanced system such as V3. Guided surgery performed with the MGUIDE System. Restorative & Trans-mucosal components designed in 3Shape Dental Studio & Abutment Designer. Materials used are Empress CAD for veneering, and Zirconia for the abutments. Bonding of the two interfaces is performed using the Rocatec System. This particular workflow uses only intra-oral scan data. It is precise, simple and clean, However, it is technologically demanding.
Intra-oral mock-up using Bis-Acryl

Extractions

MGUIDE
7. Guided Surgery
8. Implant palatal positioning
9. Bio-Oss
Critical area, where implant design matters.

Restorative phase - preps and scan bodies

Hybrid restorations
ZR abutment, Empress CAD crown, bonded with Rocatec Protocol

Screw-Retained hybrid restorations.

Tooth restorations bonded - aspect of the implant sites.
Implant sites - soft tissue quality

Soft tissue quality close-up

Final intra-oral aspect