Intraoral Digital Impressions: Introducing Digital Workflow In The Dental Clinic

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OBJETIVE

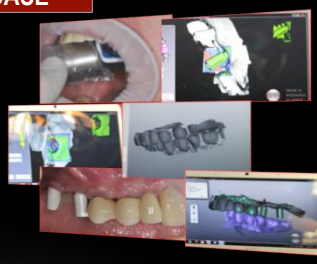
Implant prosthesis digital workflow is slowly restoring itself in our daily clinical practice to the need to eliminate steps susceptible to errors that can occur in different prosthodontics phases, clinical and laboratory, from manual labor to a similar process of industry, working on virtual models and closing CAD/CAM process, started in the early 80´s, in order to achieve a more accurate restorations, aesthetics and quality process. The present case aim to show an example of this digital worflow to aproximated it to restorative dentist.

CLINICAL CASE

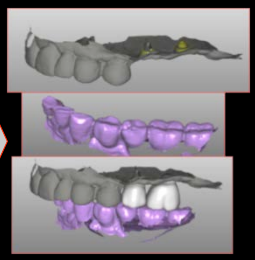
CLINIC

Implants placed at 2.5 y 2.6 (Camlog® Promote Plus 3,8x9 y 4,3x9).

Material:
-Scanner Zfx.
-Scan Bodies.



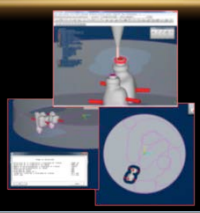
Virtual records. We need 4 records: soft tissues around implants, antagonist, oclussion y scan bodies.



3D virtual casts and Virtual waxup.

CAD/CAM

Computer Aid Design (CAD).



Computer Aid Manufacturing (CAM).

Titanium screw-retained structure.

CLINIC

PASSIVE FIT

End of the case.

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CONCLUSIONS

Within the proper limits of a case we can conclude that although the technology is under development, the results have been excellent, without encountering the disadvantages facing convecionales techniques. We hope that in the near future indications are broader than currently.

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