6. Bone Level or Tissue Level Implants?

Case study

A **67-year-old** patient in good health.

Iatrogenic removable prostheses in the mouth.

Would like a comfortable, fixed oral rehabilitation.

The proposed treatment plan includes the placement of Axiom® BL (Bone Level implants with Simplant® surgical guide on maxilla (bone increase graft with sinus lift refused) and Axiom® TL (Tissue Level) implant in mandible with immediate loading and functional reconstruction in the two sectors.

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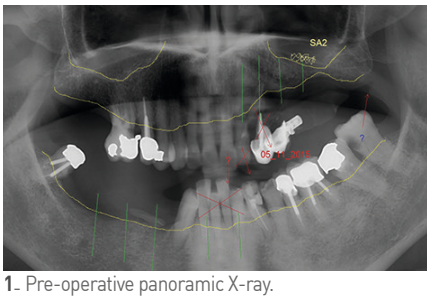
- Post Graduate Certificate In Periodontology and Implantology NY-Bordeaux
- CES – Periodontology, Bordeaux
- University Diploma Biomaterials and Implantable Systems, Bordeaux
- Former associate of the Bordeaux faculty of dentistry – Anatomical Science

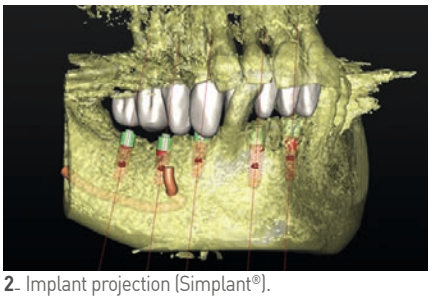
Mr Jérôme OZENNE

Jérôme Ozenne dental lab

dedicated to implantology and biocompatibility



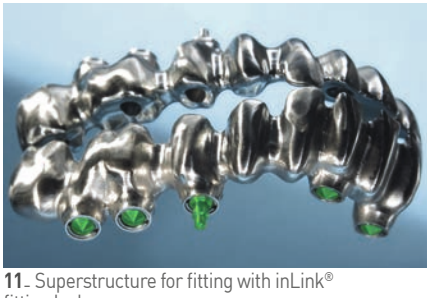
1_ Pre-operative panoramic X-ray.



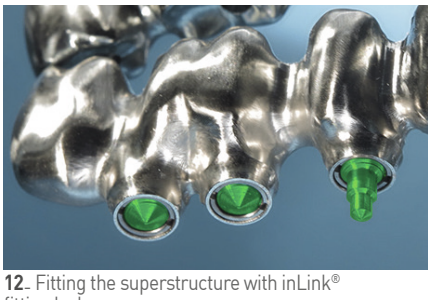
2_ Implant projection (Simplant®).

6_ T0 + 4 months: Healing.

7_ Transfers pick up Ø 4.0 mm.



11_ Superstructure for fitting with inLink® fitting locks.

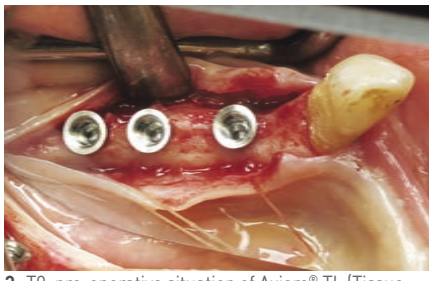


12_ Fitting the superstructure with inLink® fitting locks.

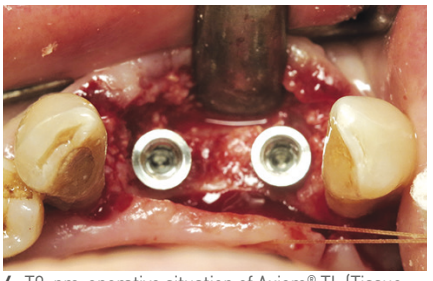
16_ Fitting the superstructure, frontal view in occlusion.

17_ Ceramic superstructure (Jérôme Ozenne dental lab).

21_ Final smile.

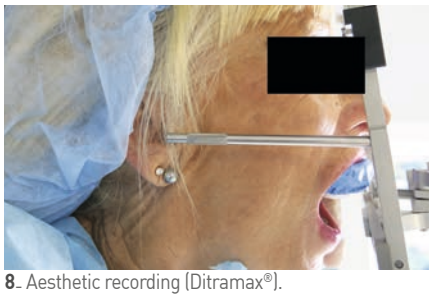


3_ T0: pre-operative situation of Axiom® TL (Tissue Level) implants.

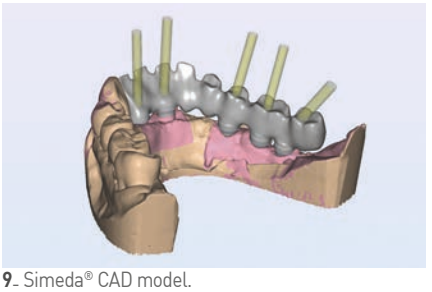


4_ T0: pre-operative situation of Axiom® TL (Tissue Level) implants.

5_ T0 + 48h: immediate loading (extraction of 43).



8_ Aesthetic recording (Ditramax®).



9_ Simeda® CAD model.

10_ Co-Cr frame (Simeda®).

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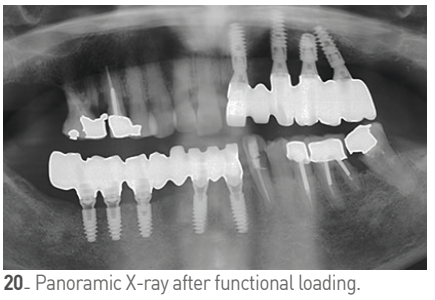
13_**14**_**15**_**16**_ Fitting the Simeda® superstructure, molar sector.

14_ Palatal view of the Simeda® superstructure in the mouth.

15_ Fitting the superstructure, vestibular view of the incisive sector.

18_ Permanent inLink® fixing locks in place.

19_ Functional prosthesis.



20_ Panoramic X-ray after functional loading.

Conclusion

The placement of bi-maxillary implants was carried out at the same time the impression was taken for the placement of the bridges in view of immediate loading.

We note a significant difference in the surgical and prosthetic execution time with Axiom® TL (Tissue Level) implants (mandible) and the new inLink® connection compared to the Axiom® BL (Bone Level) implants with Multi-Unit abutments (maxillary):

- better management of the surgical tray by the assistants,
- simplified execution of prosthetic procedure by the prosthetic technician
- improved comfort for the patient and the practitioner, thanks to a faster procedure.