

Clinical Case Reports of INNO SLA Hydrophilic Implant

Xavier Roca Mompel, DDS/Ph.D

University of Barcelona.

M.I.R.I.P 2004

Lecturer, University of Santo Domingo, 2007

Presentation about "rehabilitation with 9 implants"

at New York University 2012

Director, Clinica Dental Masanet - Present

Objective

The aim of the report is to evaluate the result of success rate of INNO SLA hydrophilic implant.

Method

Of the 153 patients who received 318 implants of the INNO SLA Implant System from July 2012 to February 2014. 132 patients with 278 implants were recalled after implantation for quarterly clinical examination and check. 125 implants on 52 patients out of 132 patients were immediately loaded with temporary restoration and completely done with final restoration from 6weeks to 10weeks later or with final restoration, 104 implants on 60 patients were early loaded within 6 weeks from the date of being placed, and staged implantation which allows healing period for more than 12weeks was implemented to 20 patients with 49 implants.

Conclusion

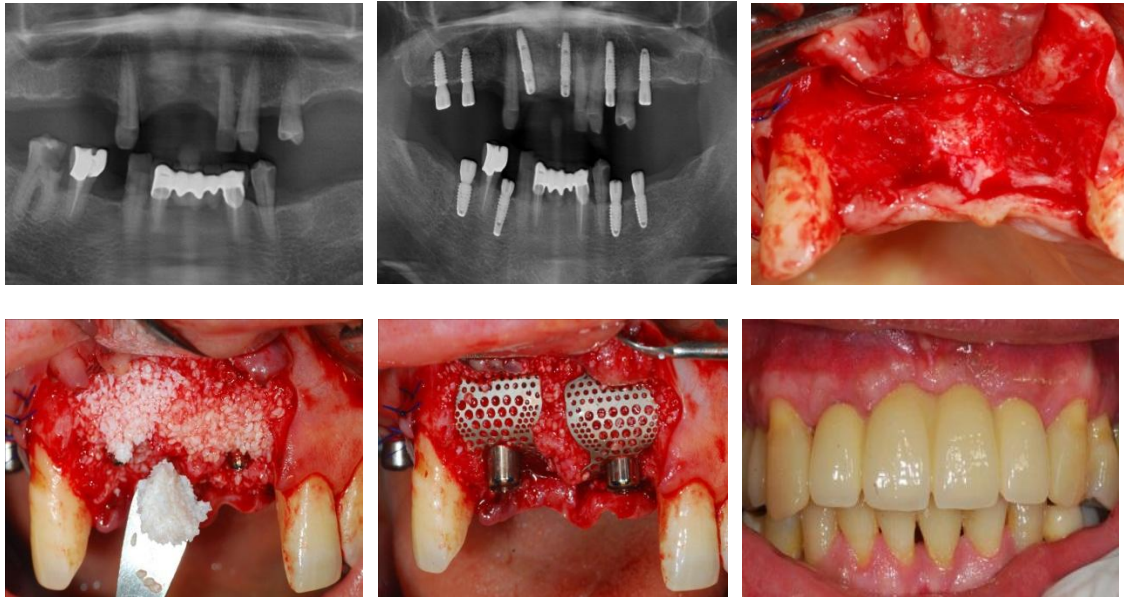
Although bone grafting was done to 97 of 132 patients with 278 INNO SLA hydrophilic implant and rhBMP-2 is used for about 40% of them, success rate of INNO SLA hydrophilic implant is high in consideration of average statue of 132 patients with 278 implants and determined loading time with final restoration. 7 implants of 278 implants were failed. The success rate is 97.48%. Due to the limit of the study, it is hard to conclude that survival rate of INNO SLA hydrophilic implant is higher than other implants sold in market. It, however, could be concluded that success rate of INNO SLA hydrophilic implant is much higher compared to others placed with similar technic for the almost same period of the study.

Remark

The following cases are 5 representative samples of 278 implants.

<Cases>

i



- Information on the patient and Result

50's female patient needed several implant-supported restorations in anterior and posterior area. Provisional were delivered 6 weeks later from the date of visit except for maxilla anterior region where heavy synthetic (TCP100%) bone grating was applied. Final restorations including the maxilla anterior region were delivered. Patients are recalled for last 1year. The 10 placed implants are very much stable.

ii





● Information on the patient and Result

60's female patient, 2 INNO SLA hydrophilic implant were placed with the final restoration with zirconium crown by intra oral scanner and CAD/CAM. Quality of bone is D2-D2.5. The patient was recalled 4times for 1year. There is no bone loss but seems a little bit of bone growth.

iii



● Information on the patient and Result

- 40's male patient, 9 INNO SLA hydrophilic implants were placed. Xenograft(bovine) was applied at the same time as implant placement and, immediately loaded with complete denture due to patient's request. The patient has been checked over the phone 8times for 8 months, once a month and was recalled once. There seems no problem with placed implant.

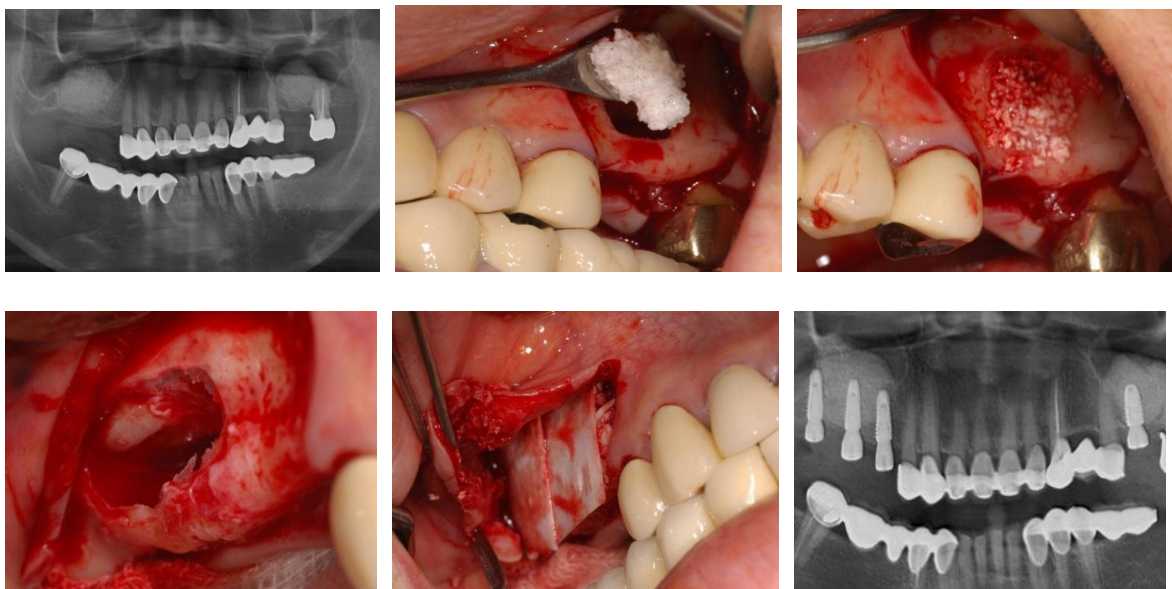
iv



- Information on the patient and Result

30s female patient showed a large cystic cavity around the upper left lateral incisor area. Excision of granulation tissue was done after marsupialization during 4 weeks and synthetic bone grafting was accomplished. Implant was installed and submerged after 3 months and uncovering was done 2 months thereafter. Final restoration was set after provisional restoration period.

v.



- Information on the patient and Result

60s female patient received the bilateral sinus graft using synthetic graft(TCP+HA) material as a delayed approach and 4 INNO hydrophilic implant were placed after 5 months. Permanent restorations were set after 3 months loading with provisional restorations. Bone core was taken during implant installation stage and biopsy was carried out with a core 5mm apart from crestal bone. The patient was only recalled for 1year from the date of final restoration being done. No particular adverse was found.