

Implantology and prothodontics at crossroads-classic vs. modern treatment concepts

ABSTRACT

Nowadays, implant supported rehabilitations are a common and evidence based solution for missing teeth. Several are the possibilities that can be proposed to patients in order to restore their dentition and the clinic must choose the best one for each single clinical case. In this article, two case reports are presented to support the decision making in case of full mouth reconstructions, showing their surgical, prosthetic and laboratory procedures. The first case is about a 44 year-old female wishing to substitute her removable denture with fixed teeth. After discussing all the options with the patient, it was decided to restore her dentition with fixed denture prostheses (FDPs) supported by implants in the upper and lower jaw, with a bone augmentation approach. In the upper jaw, an external sinuslift was performed on both sides and filled with xenogenic bone of porcine origin (OsteoBiol® mp3®, TecnoSS®, Giaveno, Italy). Following the sinus lift, the rest of the upper jaw was augmented using xenogenic bone of bovine origin (BioOss®, Geistlich, Germany) and membranes (Osseoguard® flex, Zimmer Biomet, USA). The augmentation in the lower jaw was performed also using a full flap approach and bone grafts fixed with titanium screws and covered with xenogenic bone grafting material (BioOss®, Geistlich) and membranes (Osseoguard® flex, Zimmer Biomet). Five months after augmentation, implants were placed and after 4 months of osseointegration the restorative phase started. For the second patient, a 65 year-old male, an all-on-4™ treatment was chosen for the upper jaw. Also in this case, an external sinus lift was performed and filled with xenogenic bone of porcine origin (OsteoBiol® mp3®, TecnoSS®) and then the procedure continued following the guidelines of all-on-4™ treatment.

CONCLUSIONS

Both cases were successful and, in choosing the most suitable approach, different elements must be considered. Anyway, as underlined by the Authors, the final decision has to be taken together with the patient, discussing with her/him all the advantages and disadvantages of each technique.

LATERAL ACCESS SINUS LIFT

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