



Full Arch Maxillary Implant Restoration Utilizing the Nasopalatine Canal – Case Series

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ABSTRACT

Restoration of an atrophic maxillary edentulous area with implants is limited because of the excessive bone resorption which oftentimes conventional ridge augmentations techniques cannot correct. Placing implant in the nasopalatine canal is a predictable solution for a fixed prosthesis performed in an atrophic maxillary ridge. However, careful case selection, treatment planning and

fabrication of provisional restoration are critical for successful restoration when utilizing the nasopalatine canal as the implant site. The purpose of this retrospective study is to present a case series performing staged full fixed maxillary implant restorations utilizing the nasopalatine canal, and discuss the benefits and limitations of this procedure.

PURPOSE/AIM

The purpose of this retrospective study is to present a case series performing staged full maxillary implant restorations utilizing the nasopalatine canal, and discuss the benefits and limitations of this procedure.

RESULTS

All implants and prostheses were successful and functioning up to 2-10 years.

M & M

Eight implants from a total of 8 patients were placed with a flapless surgical procedure nasopalatine canal. Follow-up period is 2-10 years.

CONCLUSIONS

Flapless surgical procedure to place implant in nasopalatine canal is a viable treatment option for staged full fixed maxillary implant restorations. Additional follow-up and long-term evaluation are needed.

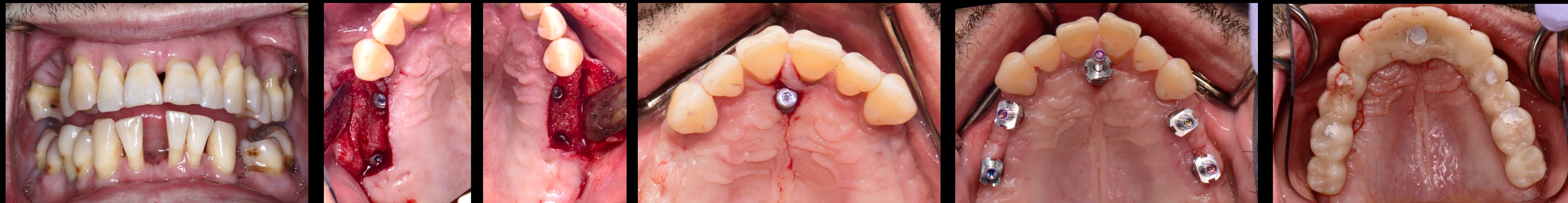
Pt No	Age	Gender	Final PRTH type	Screw/Cement	Temporary/Permanent	Loading time (Yr)
1	64	F	FFPFM	S	T/P	10
2	74	M	FFPFM	S	T	8
3	55	M	FFPFM	S	T/P	5
4	56	M	FFMZR	S	T/P	5
5	58	M	FFPFM	S	T/P	5
6	62	F	FFPFM	S	T/P	4
7	64	F	FFPFM	S	T/P	4
8	51	M	FFPFM	S	T/P	2

FFPFM: Full Fixed Porcelain Fused Metal Prosthesis, FFMZR: Full Fixed Monolithic Zirconia Prosthesis

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Patient #8



Patient #5

