



MARCH 2019

CLINICAL CASES REPORT

SURGEON - *Dott. Atef Ismail*

BEFORE SURGERY

ABSTRACT

A 65-year-old male patient complained of lack of function due to fracture of badly decayed lower right second molar. X-ray and clinical investigations indicated immediate removal of the badly decayed tooth and immediate placement of the Heli implant with respect to surrounding bone and preservation of vital structures (Inferior alveolar nerve). Simultaneous augmentation was performed after placement of the implant to fill the gaps around the implant and the spaces of the extracted roots.

Proper size and width of the implant was selected to use the merits of the Heli implant to gain high primary stability.

Augmentation was performed to enhance the remodeling phase around the implant.

Post-operative radiograph was performed to ensure the criteria of proper insertion and the stability of the implant.

DIAGNOSIS

Non restorable fractured lower right second molar indicated for implant therapy

RX O TAC before surgery

Prophylactic Antibiotic therapy was given before the operation.

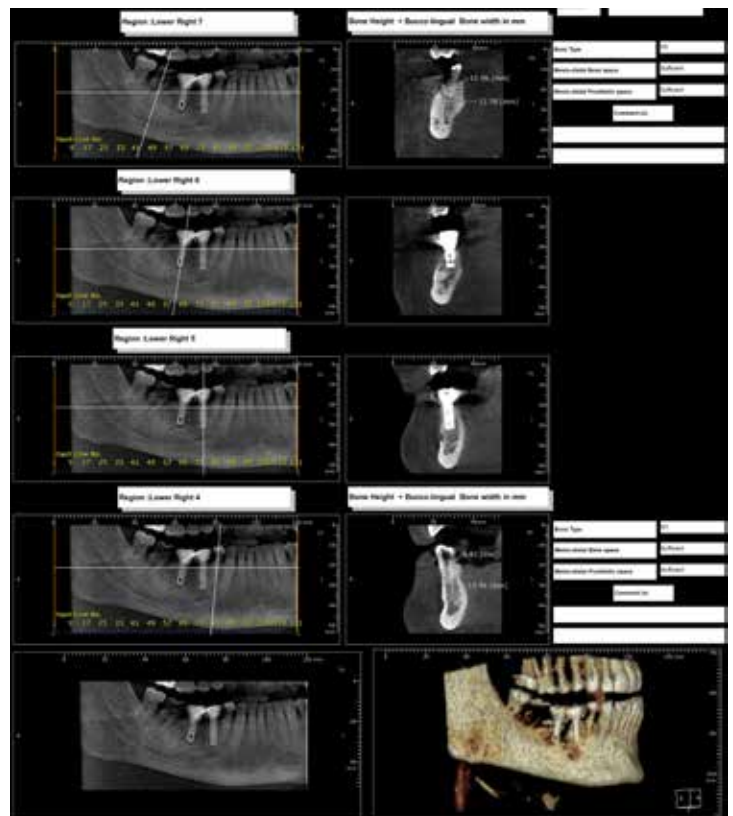
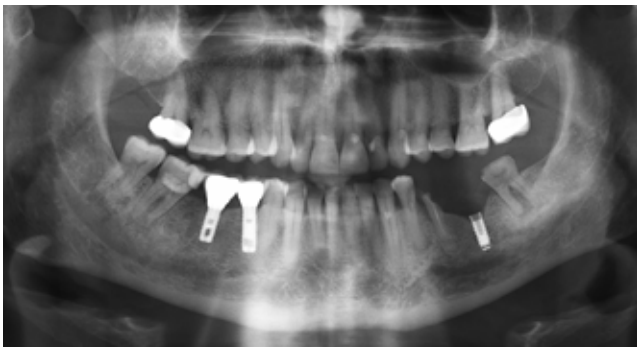
Ani-inflammatory drug was prescribed

PRE-OPERATIVE CONSIDERATIONS

(describe the situation and the problems and actions to be carried out)

The decision was to extract the tooth and replace it immediately with a Heli implant and to use augmentation material to fill in the gaps around the implant (specify and attach photo)

PICTURES





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SURGERY

DURATION OF SURGERY

45 mins.

TOTAL TREATMENT TIME

1 session (45 minutes) - tooth extraction and implant insertion

(describe the steps that will lead the patient to the solution of the case)

PROJECT NAME INDICATE TYPE OF INTERVENTION

Immediate placement of HELI implant after extraction

PRODUCT FEATURES

4.2 x 11.5mm

INTERNAL LOCATION INSIDE THE MOUTH

7

OPERATIONS PERFORMED

(describe the situation and the problems and actions performed)

After proper anesthetization of the operative field. Decapitation of the tooth was performed to preserve the surrounding bone, both apical and inter-septal bone. Gentle extraction for each root was performed. Proper positioning of the implant was performed with respect to the apical and surrounding bone to achieve high primary stability. Proper augmentation was performed to fill all the gaps around the implant and enhance tissue growth over the implant.

PICTURES

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POST-SURGERY AND FINAL CONSIDERATIONS

CONSIDERATIONS AFTER SURGERY

(describe the stay and the results by briefly describing the various aspects and problems)

LAB

LABORATORY DENTAL TECHNICIAN

Cairo Lab

OPERATIONS PERFORMED

(describe the situation and the problems and actions performed)

A temporary abutment was immediately screwed to the implant

CONSIDERATIONS ON WORK DONE AND / OR PROSTHETIC

(describe the type of work and briefly describe the various aspects and problems)

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PICTURES

