



NON FIDARTI DELLE PAROLE, FIDATI DEI RISULTATI

Scopri i casi studio che dimostrano l'efficacia di Aditus flexible graft nelle rigenerazioni ossee.

01

CASE STUDY

Ridge reconstruction

BACKGROUND

This case illustrates the use of a novel synthetic fully-resorbable material (silicate b-tcp in a polymer lattice - Aditus flexible graft) for dual-zone grafting. The oxygen and lactoferrin releasing Bluem gel helped to control the bacteria and promote the soft tissue healing throughout the healing period.

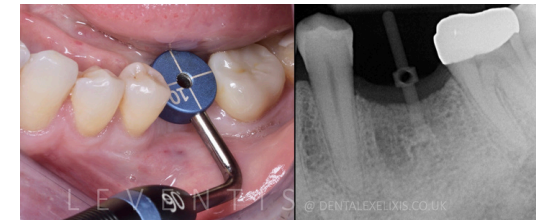
Case performed by Dr. Minas Leventis, DDS, MSc, PhD, UK

CASE STUDY



Initial situation.

1



Using the Cervico tab to measure the edentulous space and guide the pilot osteotomy.

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A site-specific papillae-sparing full-thickness flap was raised, decortication was performed using the Bionnovation decortication drill, and a Bioner 5.0x8.5 implant was placed, achieving high primary stability..

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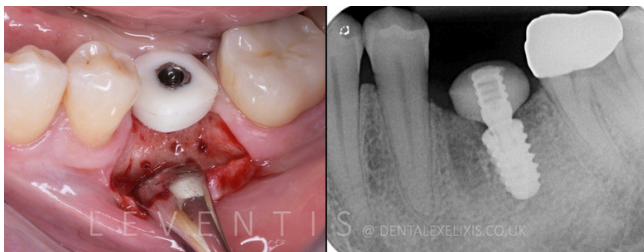
Measurement of the vertical distance between the implant platform and the zenith of the soft tissues. At least 4mm are needed for the establishment of the supracrestal zones, and to avoid crestal bone loss/remodelling.

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A customised anatomical Cervico abutment was fabricated chair-side.

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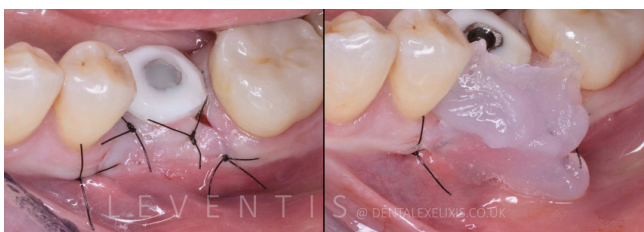
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The Cervico healer fitted onto the implant. Anatomical abutments must be customisable as essential adjustments might be needed in each individual case.



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A novel synthetic fully-resorbable material (silicate b-TCP in a polymer lattice - Aditus flexible graft) was used for augmenting the ridge buccally.



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The flap is now positioned at the periphery of the Cervico anatomical healing abutment and sutured with monofilament 5-0 SKD sutures. This abutment will provide the necessary protection and stability to the underlying blood clot and grafting material, thus guiding the healing of the supracrestal soft tissues.

It is important to control the bacterial and to enhance the soft tissue healing during the next weeks. to achieve this oxygen and lactoferrin releasing Bluem gel is applied 3 time / day on the surgical site, for as long as needed to achieve a successful healing.



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One week post-op.

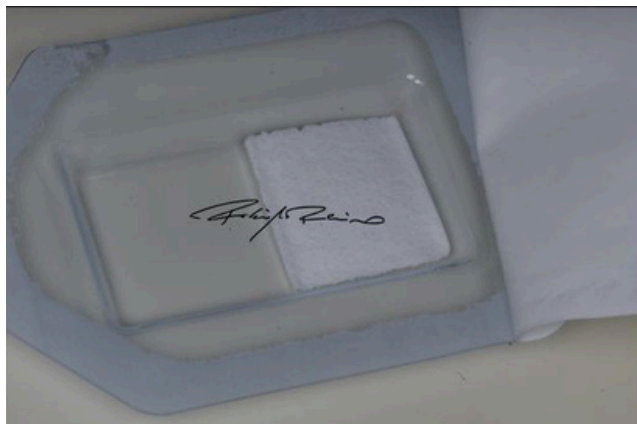


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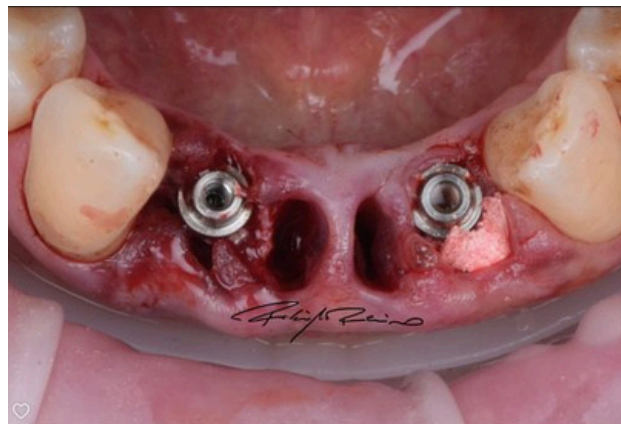
Three months-post-op. The anatomical healer is detached from the junctional epithelium, revealing the reconstruction of the ridge and the establishment of a healthy peri-implant soft tissue seal.

02 CASE STUDY

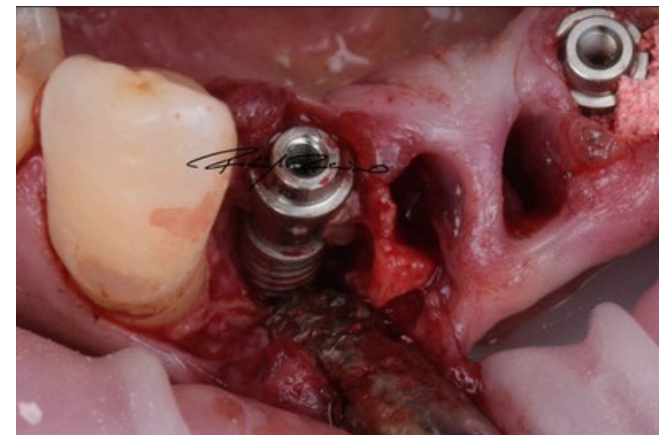
Caso di studio in via di guarigione realizzato dal Dr. Fabio Filannino



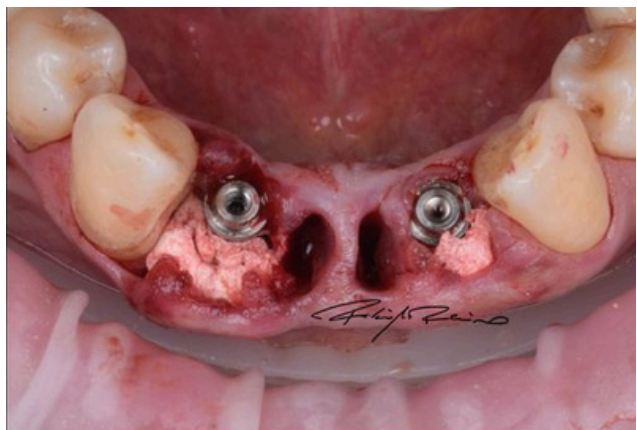
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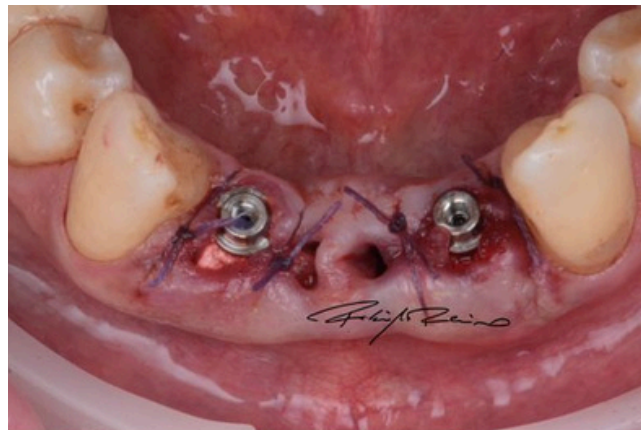
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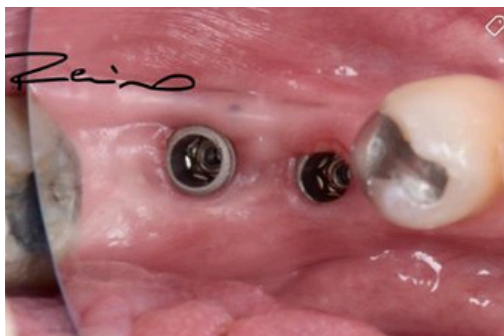
Risultato a due settimane dall'intervento.

03 CASE STUDY

Caso di studio in via di guarigione realizzato dal Dr. Fabio Filannino



1



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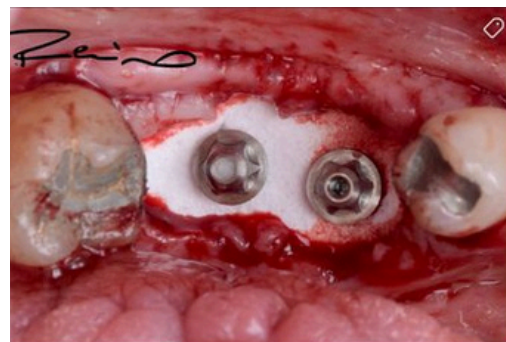
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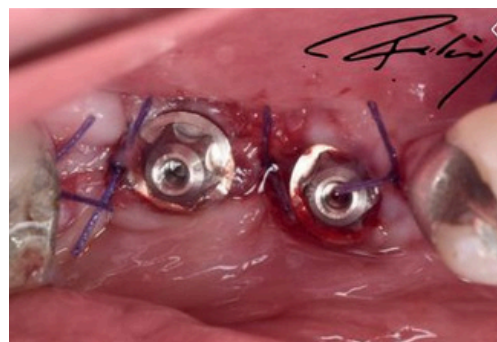
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04 CASE STUDY

Caso di studio in via di guarigione realizzato dal Dr. Andrea De Maria



1

Situazione iniziale. Il paziente presenta sintomatologia cronica a carico degli elementi 14 e 15 già protesizzati. Si sospetta frattura radicolare.



2



3



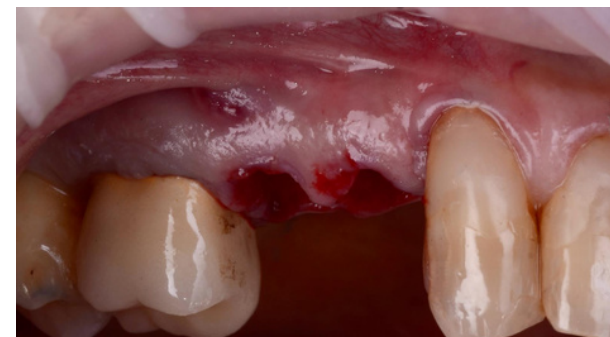
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Dettaglio della frattura a becco di flauto.

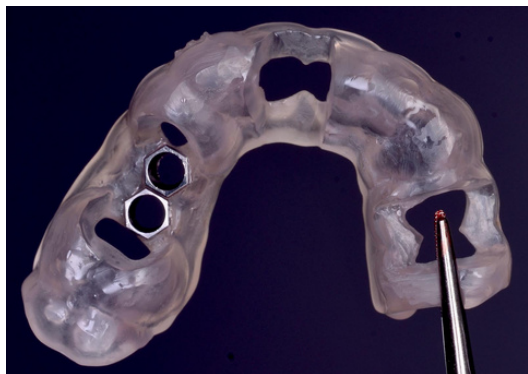


5

Estrazione atraumatica tramite Magnetic Mallet.



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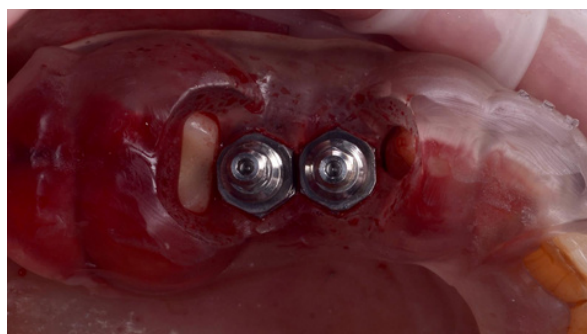
Posizionamento di due impianti post estrattivi tramite chirurgia guidata magnetodinamica.



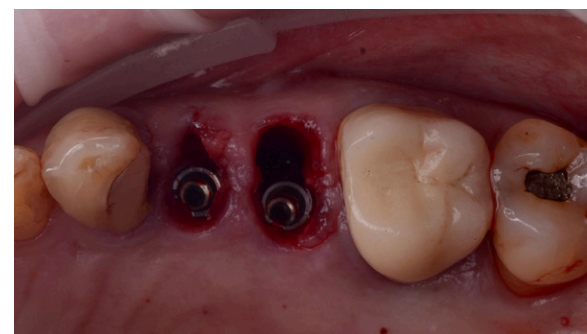
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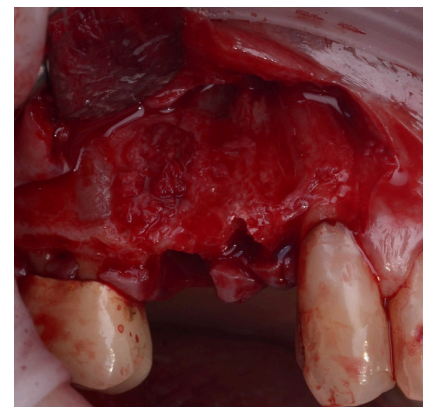
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Elevazione di un lembo a spessore totale ed esposizione del difetto osseo vestibolare.



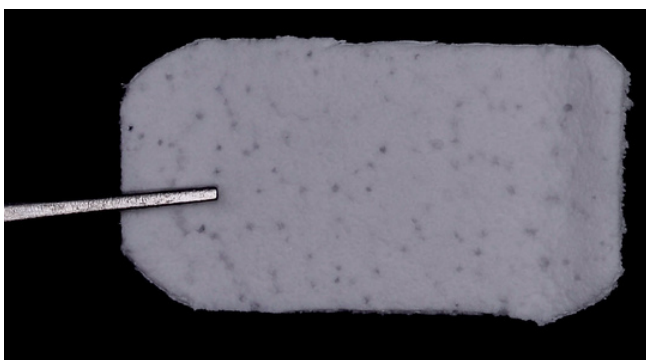
14

Dettaglio della dislocazione ossea ottenuta tramite gli inserti del magnetic mallet. Tutto l'osso residuo viene mantenuto e compattato.



15

Riempimento del difetto con osso autologo.



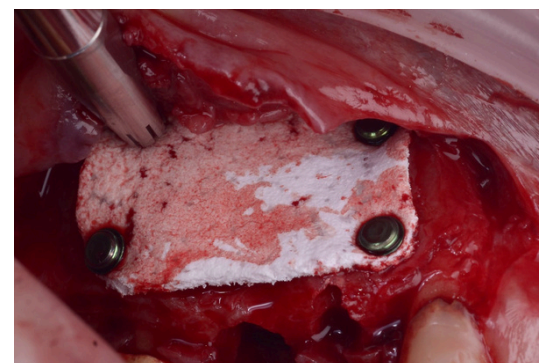
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Aditus Flexible Graft

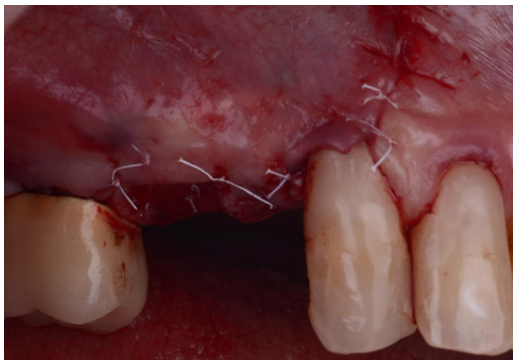


17

Posizionamento e fissazione della barriera riassorbibile tramite chiodini.

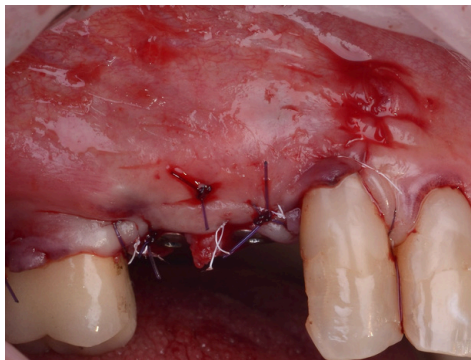


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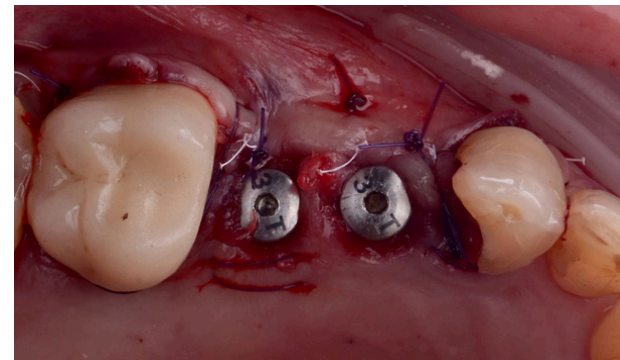


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Adattamento e chiusura dei lembi con riposizionamento coronale.



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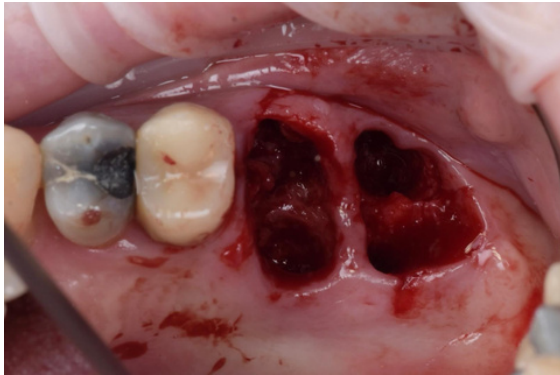


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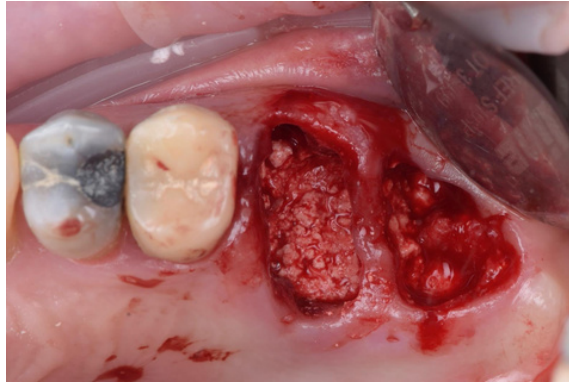
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CASE STUDY

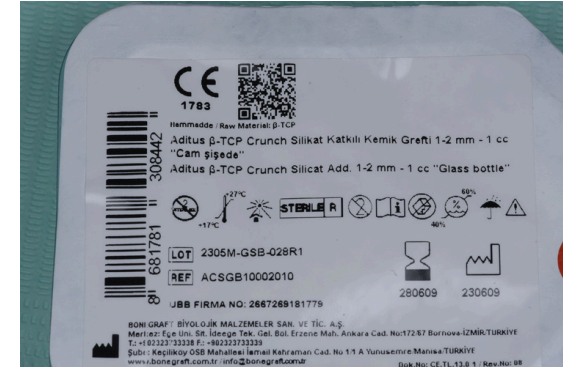
Caso di studio in via di guarigione realizzato dal Dr. Fabio Manuel Filannino che ha utilizzato Aditus Flexible Graft in combinazione con Aditus Granuli.



1



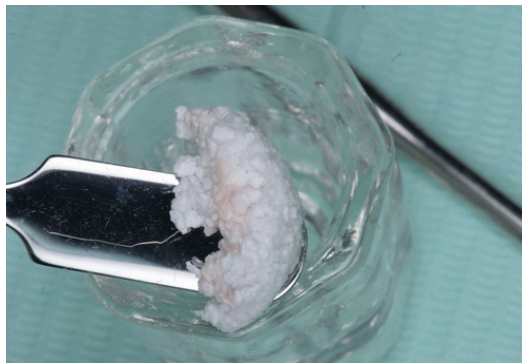
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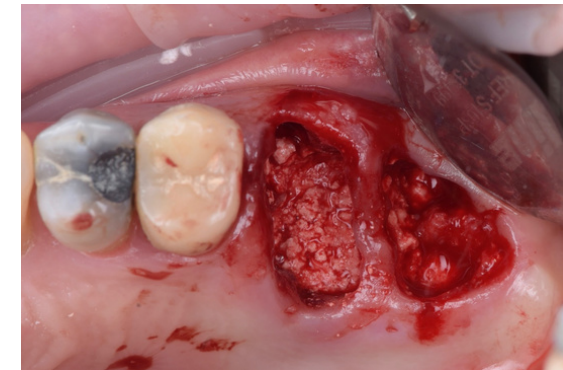
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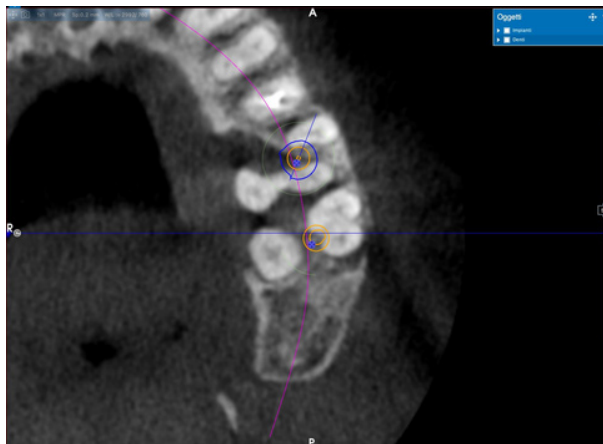
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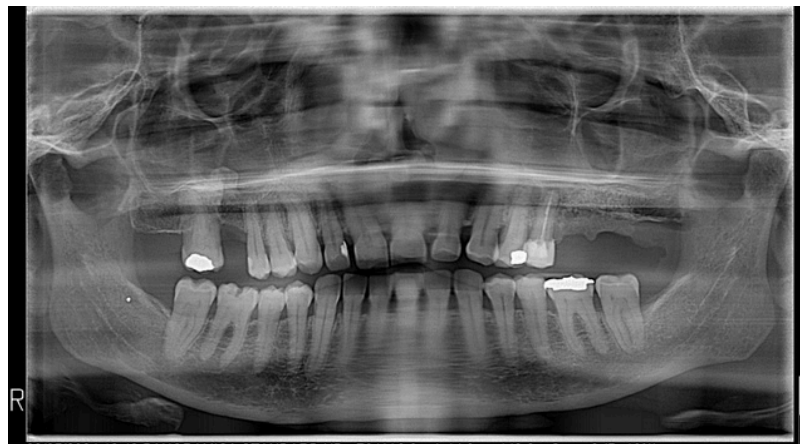
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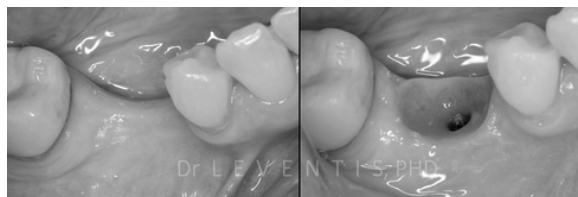
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06 CASE STUDY

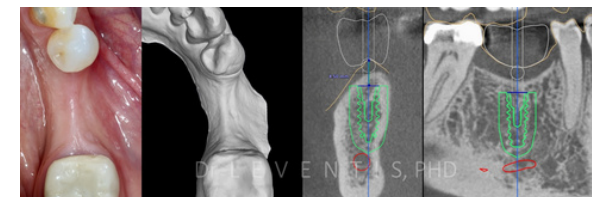
BACKGROUND

- The following case illustrates a structured workflow to treat everyday cases in a minimally invasive and simplified way.
- Case performed by Dr. Minas Leventis.

CASE STUDY



1



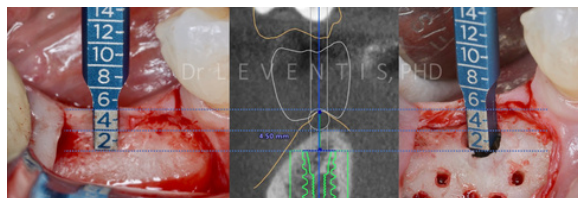
Initial situation and digital workflow.

2



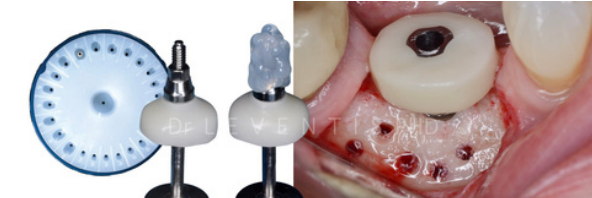
3

The surgical guide was used to perform all the drilling steps. Before fitting the implant decortication holes were created using the Bionnovation decortication burr.



4

4mm from the implant platform to the zenith of the soft tissues. The detailed digital workflow performed by [Ariston Dental - Better Answers](#) and my colleague Dr George Kefalidis, allowed us to plan this accurately before surgery.



5

A customised anatomical Cervico healing abutment was fabricated chair-side using the Essential Cervico mould, and fitted onto the implant with a small amount of oxygen and lactoferrin-releasing [BlueM](#) gel. Chlorhexidine should never be used as it is shown to be cytotoxic and inhibits the attachment of the soft tissues on the prosthetic components



6

The ridge was augmented buccally using a novel synthetic biomaterial, Aditus Fleible graft, which is a flexible strip of silicate-substituted β -TCP and PLA polymer. This novel material offers exceptional handling, while not being washed away by bleeding.

The Cervico anatomical healer will provide the necessary stability and protection of the augmented area, as the flap is positioned and sutured tension-free at the periphery of the healing abutment.

The access hole was sealed using the antibacterial [SilverPlug](#).



7

Oxygen and lactoferrin-releasing BlueM gel to control the bacteria and promote soft-tissue healing. Clinical result 3 months post-op.



8

Final restoration by Phil Reddington and his team at Beever Dental Lab, Leeds, UK. Bluem gel was applied before fitting the restoration, and [SilverPlug](#) to seal the prosthetic canal.

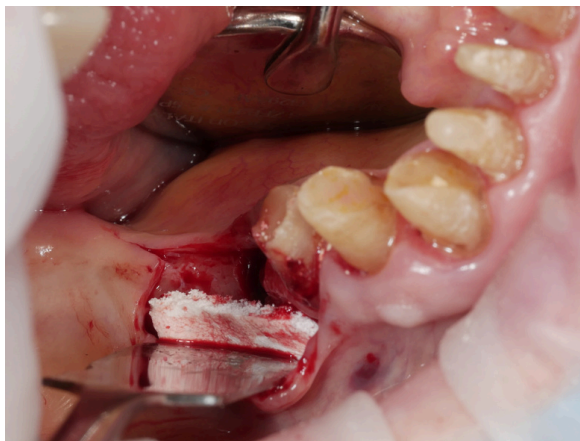


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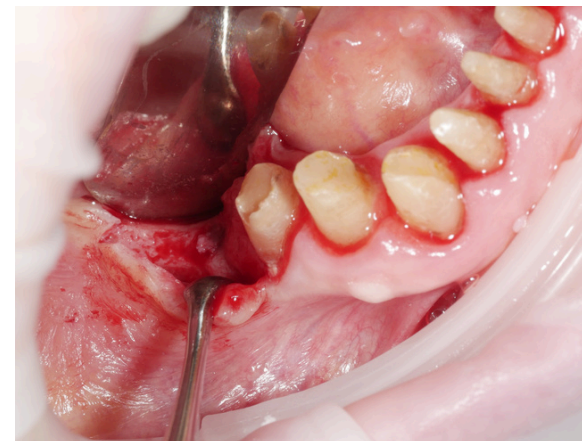
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BACKGROUND

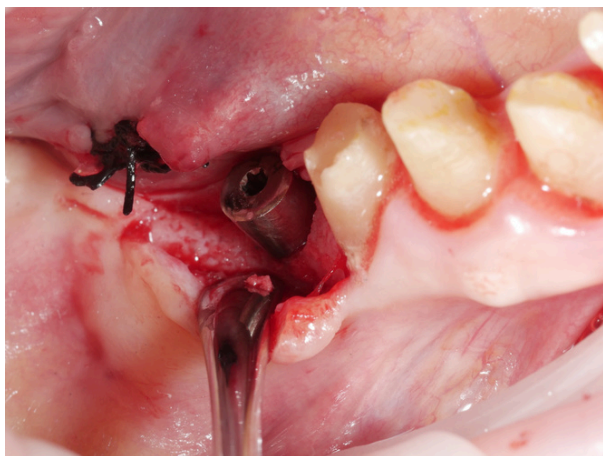
- Caso studio svolto da Dr. Alberto Ermelindi
- Rigenerazione teca ossea vestibolare con Aditus Flexible Graft 20x20 BTCP Biominerale stabilizzata con citanoacrilato ad uso interno. Rientro a quattro mesi.

CASE STUDY

1



2



3

