

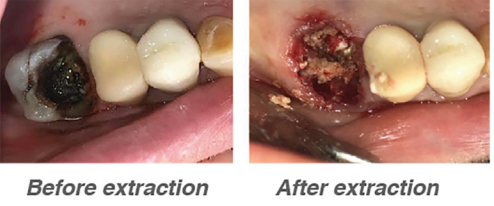
BONE AND TISSUE REGENERATION OF A POST-EXTRACTIVE IMPLANT AFTER 1 WEEK

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The infection after tooth extraction, may result in slowing down or, in more severe cases, stopping healing with the onset of alveolitis. Chlorhexidine, applied locally in the form of mouthwash or gel, represents the antibacterial perhaps most widely used in clinical practice.

The use, for long periods of chlorhexidine, is associated with the appearance of pigmentations borne by the residual dentation and the restorations, xerostomy and ulcerations of the buccal mucosa.

It can also slow down healing processes as it exerts an inhibitory action on cellular division and protein synthesis; Such action appears more evident in wounds involving bone tissue than those involving only soft tissues.



Before extraction After extraction

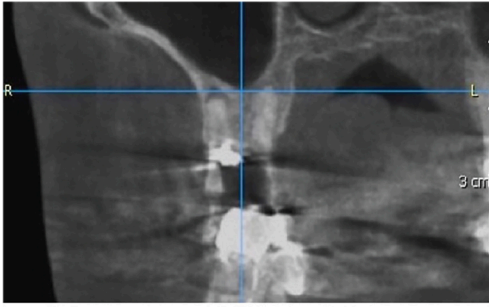


Implant insertion 1.6 Dressing with Bio Rigenera® dental O3

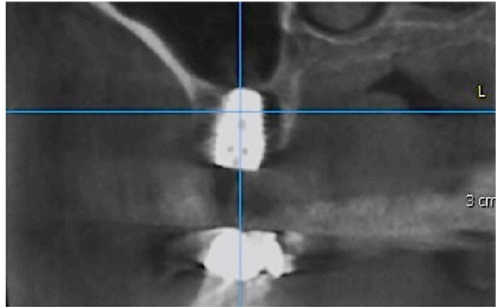


Healing after 7 days

Currently, a Bio Rigenera®DentalO3 phytotherapeutic gel has been developed for dental use, whose composition sees the coexistence of active ingredients extracted from about thirteen different medicinal plants, enriched with ozone. The compound has antimicrobial and anti-inflammatory action, but



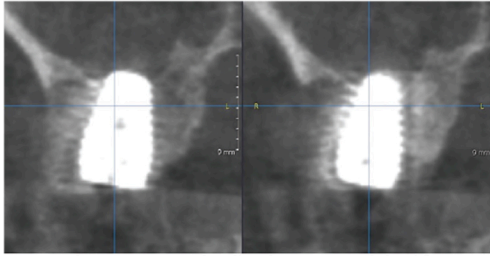
Before extraction



Implant insertion 1.6

unlike other products, it has stimulating abilities against the progenitor cells of connective tissues, in particular the bone tissue and epithelial tissue. The aim of this work is to evaluate the appearance of post-operative complications in two groups of patients undergoing post-extractive implants, treated with chlorhexidine 0.2% vs. Bio Rigenera® Dental O3. This study shows that the use of phytotherapeutic gel has produced, compared to the use of chlorhexidine, a reduction of both post-operative pain reported by patients, and of complications related to post implant

post implant site infection and a fast tissue cicatrization and bone regeneration.



Bone regeneration after a week

Bio Rigenera® O3 Dental Lipogel Bio-regenerating and Bio-healing



Thanks to its formula, made with ozone enriched essential oils, it performs an action to improve tissue repair and forms a protective film on the injury, contributing to the correct and rapid reepithelization of the gums and oral mucosa, adheres to the mucous membrane and produces a barrier effect that helps relieve pain and promotes healing.

BIOSTAMINA KFT
OWNER OF PHYTOTHERAPIC PATENTS FOR TISSUE AND BONE REGENERATION

* In vitro scientific tests conducted on Bio Rigenera® Dental certifies that the product, with its barrier effect, determines a significant increase in cell viability within 48/72 hours, therefore, regenerating activities of osteoblasts and keratinocytes.

Ozonized formulation studied for serious lesions of the oral cavity

The ozonization of the essential oils of medicinal plants contained in Bio RIGENERA® O3 Dental and the properties of grapefruit seeds, have antibacterial effect and contribute to quick and correct gingival regeneration and of the oral mucosa.

INGREDIENTS:
Anhydrous and concentrated natural phytotherapy product made up of 100% of medicinal herb extracts derived from controlled crops of Mediterranean origin, with the addition of O3 ozone

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PHYTOTHERAPY: Plant oils can stimulate the cells present in our body, and while they are not losing their regenerating and repairing potential, with the passing of time they slow down in their function of renewal. The properties of essential oils consist in reducing the formation of MMP1, enzymes responsible for the degradation of collagen and for the inflammation of the oral cavity and mucosa.

MAIN BIOLOGICAL AND CURATIVE

- Bio-regenerating and bio-repairing high properties;
- To be used on the occasion of surgery;
- Reduces edema, relieves pain and promotes healing;
- Dense and viscous formula designed to adhere to the mucosa, creates a protective micro film on the lesion isolating it from the external environment protecting it from infectious, viral and inflammatory processes;
- Barrier action and hemostasis on bloody wound;
- It is applied to the oral mucosa injured or affected by pathological processes such as sores and wounds;
- Stimulates the fast healing and reepithelialization of the oral mucosa, reducing healing time;
- The properties of grapefruit seeds and ozone, have antibacterial effect and contribute to quick and correct gingival regeneration and of the oral mucosa;
- Natural product non-toxic to accidental ingestion, as it does not contain petrolatum or Chemical substances, but only 100% natural ingredients of medicinal plants.

BioRigenera® Dental O3 is indicated as an adjunct in the treatment and in situations of:

- Small lesions due to surgical dental interventions
- Perimplantitis surgery
- Ideal to prevent, or lessen post-operative pain
- Gingivitis, parodontitis, periimplantitis
- Together with the use of prosthetic and orthodontic appliances
- After scaling and oral hygiene interventions
- After extraction Simple or complex
- In case of minor burns
- In Lip Herpes Therapy and After
- Ideal in oral infections
- Ideal in the pathologies of the oral mucosa
- Also indicated for diabetic patients.

MODALITÀ D'USO:

Applicare il prodotto sulla cute lesa da trattare con le dita o con spazzolino morbido e massaggiare per un minuto, due o tre volte al giorno.

Nei portatori di protesi mobili, dopo la pulizia, applicare una piccola quantità di lipogel gengi-vale sulle superfici che vengono a contatto con le gengive. Si consiglia di non ingerire cibo per almeno trenta minuti dopo il trattamento.

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