

CLINICIAN



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REGENERATION OF DEEP PERI-IMPLANTITIS INDUCED BONY DEFECT

PERI-IMPLANTITIS



PATIENT'S ORAL HEALTH

	AT PERI-IMPLANTITIS DIAGNOSIS	AFTER SURGICAL THERAPY
General Periodontal / Dental Health		
Dental / Oral Health	Good	Good
Periodontal Status	Chronic periodontitis	Treated chronic periodontitis
Peri-Implant Health		
Bleeding on Probing at Implant (BOP)	Yes	No
Suppuration	Yes	No
Gingival Index	2	0
Plaque Index	0	0
PD (in mm)	9/11/8/11	3/3/2/3

RISK FACTORS

No risk factors

NON-SURGICAL THERAPY

Scaling & root planing

IMPLANT

SP Ø4.1 RN 12 mm implant placement 6 years before peri-implantitis diagnosis

MEDICATION DURING SURGICAL PHASE

Augmentin 1g bid × 6 days

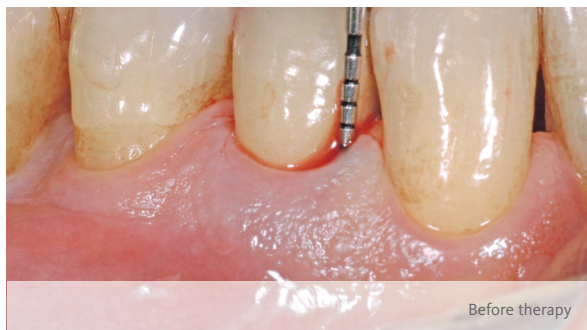
CASE SUMMARY

OBJECTIVES

- Functional restoration of implant
- Regenerate circumferential bone defect at implant in position 28

CONCLUSION

- Deep bone defect could be regenerated
- Peri-implant tissues could be restored to health, 8 years after placement

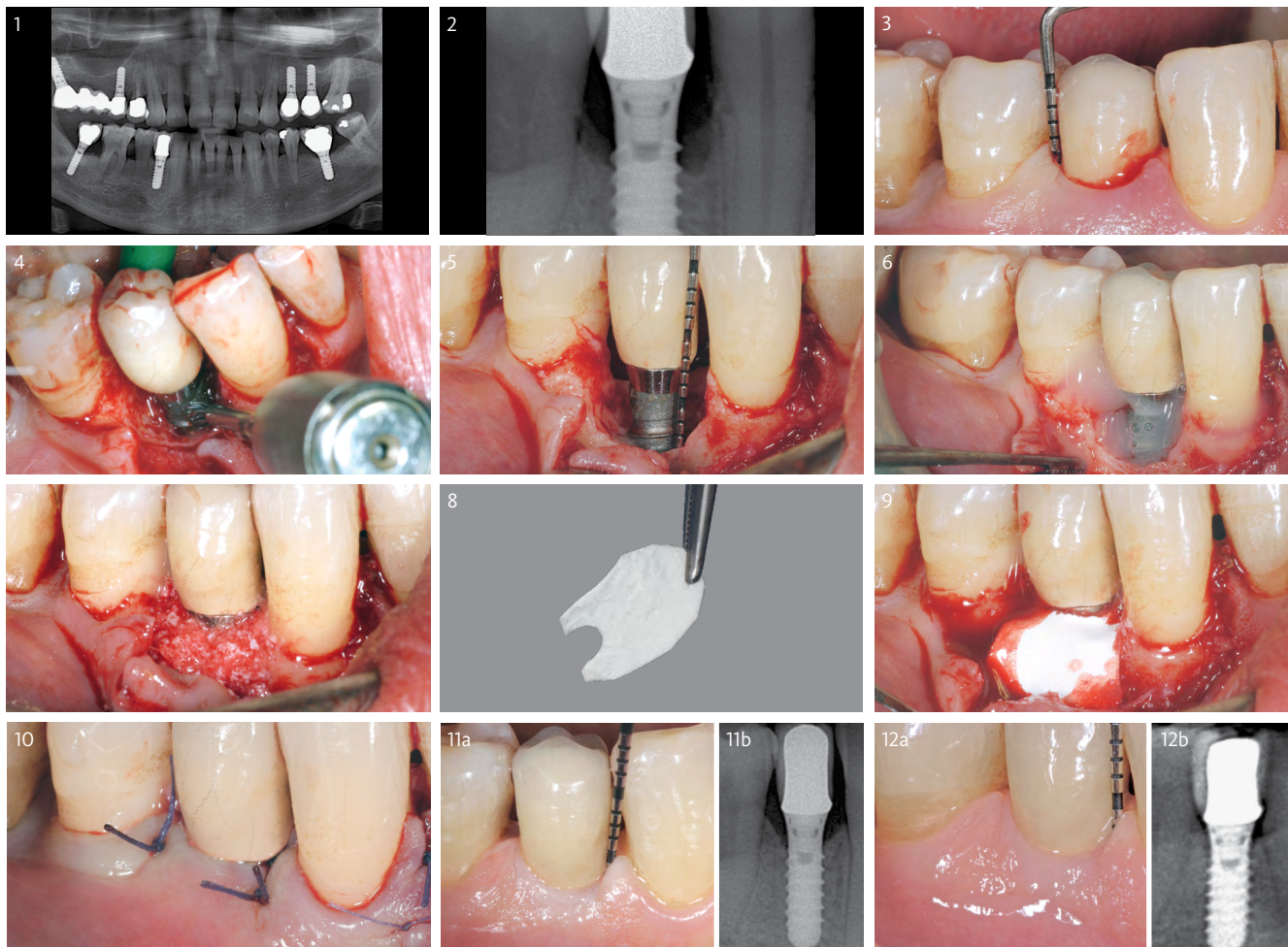


Before therapy



2.5 years after therapy

CASE PRESENTATION



- 1 Orthopantomography 4 years after implant insertion shows stable interproximal bone around implant in 28
- 2 Two years later (6 years after implant placement) peri-implant bone loss is visible around the implant
- 3 Deep pocket and bleeding on probing mesial and distal to the implant
- 4 After raising a full thickness flap the surface of the implant is cleaned with a titanium brush
- 5 Peri-implant lesion after the removal of granulation tissue and before decontamination of the implant surface
- 6 EDTA is applied to the implant surface to decontaminate the implant surface
- 7 Geistlich Bio-Oss Collagen® is applied around the peri-implantitis defect
- 8 Geistlich Bio-Gide® is trimmed to cover the the defect area
- 9 Geistlich Bio-Gide® is positioned to cover Geistlich Bio-Oss Collagen® and provide stability to the augmented site
- 10 Non-submerged 4-0 Vycril suture of the flap
- 11 Radiograph and clinical situation at 1-year post-operative visit. Minimal probing depth mesial and distal to the defect shows the defect elimination of the peri-implantitis site
- 12 Clinical and radiographical situation 2.5 years post-operative shows stable conditions

CAUTION: Federal law restricts these devices to sale by or on the order of a dentist or physician.

Indications:

Geistlich Bio-Oss Collagen® is indicated for the following uses: augmentation or reconstructive treatment of the alveolar ridge; filling of periodontal defects; filling of defects after root resection, apicoectomy, and cystectomy; filling of extraction sockets to enhance preservation of the alveolar ridge; elevation of the maxillary sinus floor; filling of periodontal defects in conjunction with products intended for Guided Tissue Regeneration (GTR) and Guided Bone Regeneration (GBR); and filling of peri-implant defect in conjunction with products intended for GBR.

Warnings:

Possible complications which may occur with any surgery include swelling at the surgical site, flap sloughing, bleeding, local inflammation, bone loss, infection or pain. As Geistlich Bio-Oss Collagen® contains collagen, in very rare circumstances, cases of allergic reactions may occur.

Indications:

Geistlich Bio-Gide® is indicated for the following uses: augmentation around implants placed in immediate and delayed extraction sockets; localized ridge augmentation for later implantation; alveolar ridge reconstruction for prosthetic treatment; filling of bone defects after root resection, cystectomy, removal of retained teeth; GBR in dehiscence defects; and GTR procedures in periodontal defects.

Warnings:

As it is a collagen product, allergic reactions may not be totally excluded. Possible complications which may occur with any surgery include swelling at the surgical site, flap sloughing, bleeding, dehiscence, hematoma, increased sensitivity and pain, bone loss, redness, and local inflammation.

For more information on contraindications, precautions, and directions for use, please refer to the Geistlich Bio-Oss Collagen® and Geistlich Bio-Gide® Instructions for Use at: www.geistlich-na.com/ifu

MATERIAL SELECTION

- Geistlich Bio-Oss Collagen® (100 mg)
- Geistlich Bio-Gide® (25 x 25 mm diameter)

FOR MORE INFORMATION

Customer Care Toll-free 855-799-5500

www.geistlich-na.com

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