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Aiming for perfection and achieving excellence

www.PerioToledo .com

Surgical Center for Implant and Periodontal Surgery in Toledo, Findlay and Maumee

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Mission Statement

"We are a State-of-the-Art Implant-Periodontal practice devoted to advanced regenerative therapies and esthetic implant solutions. Our mission is to provide exceptional periodontal and dental implant care to our patients. We will strive to exceed the expectations of both our patients and our referring doctors through extraordinary customer service. As health care professionals we embrace the responsibility of patient care and believe that our patients deserve the highest level of care possible . Our further mission is to **Facilitate the Success** of our **Referring Offices** and their **Patients** following a **Shared Vision of Education, Motivation and Compassionate, Individualized Patient Care** while utilizing **the Most Advanced Treatment Available**."

Together, We Change Lives

I was debating posting these pictures, but a big shout out to Dr. Sorin Boeriu, DDS, MsD, PhD at Perio Toledo! Very talented and highly recommended! I struggled for most of my life with hating my smile and now I can smile without hesitation! UPDATE: A lot of people are asking what I had done. I had my gums cut and reshaped and a small amount of bone shaved. (RL)

A shout out to one of my dental school classmates Dr. Sorin Boeriu on the AWESOME job he did on my friend Rachel! Dr. Boeriu is a periodontist who recently took over Dr. Fox's office in Findlay and Toledo. We are so lucky to have a dental specialist of such high caliber in our area. Great job Sorin!!

Dr. Robyn Vicek (Orthodontist)

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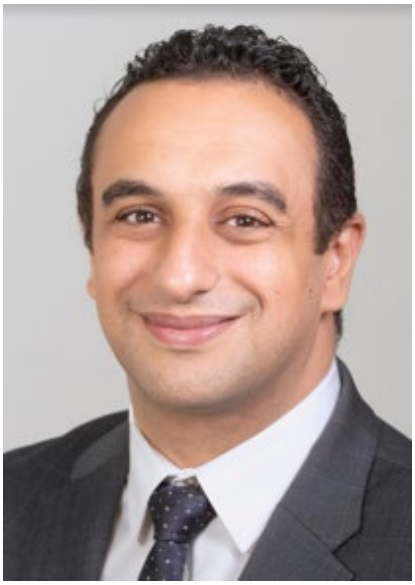
Our team of Specialists at Implant Perio Centre perform a full range of dental treatments, including dental implant placement, bone augmentation, gum grafts, aesthetic crown lengthening and all other aspects of periodontal surgery to achieve your full smile makeover - all performed in a warm and caring environment.

Dr Sorin Boeriu

- Certified Periodontist of the American Academy of Periodontics
- Fellow of the Royal College of Dental Surgeons Ontario , Canada
- Diplomate of the International Congress of Oral Implantologists
- Fellow of the American Board of Oral Implantology
- Fellow of Misch International Implant Institute

"My mission is to exceed every patient expectations and to provide the most comfortable experience possible with exceptional clinical results. "



Dr. Karim Basta

- Master in Dental Sciences , Case Western reserve University School of Dental Medicine
- Fellow Of Periodontics Case Western Reserve University School of Dental Medicine
- Fellow of the American Academy of Periodontics
- Certified periodontist of the American Academy of Periodontics
- Member of the American Academy of Periodontics

"My mission is to provide the most compassionate care to my patients utilizing the most current technological advancements making their dental visit as comfortable as possible"

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Up-coming Continuing Education in December 2021

Dear Doctor

You and your staff are invited to

Meet and Greet /Cocktail and Dinner

followed by lecture

Dr. Basta : Full arch solutions from digital smile design to implant placement.

Dr. Boeriu: Recession treatment: to graft or not to graft that is the question.

Date : December 2021. (TBD) 6 pm (6-7 cocktails, 7-9 dinner and lecture)

Location : Hilton Garden Inn, 6165 Levis Commons Blvd, Perrysburg Ohio

As Always, our CE courses are provided free of charge to you and your staff and CE points will be given (2 points)

Please RSVP to Info@periotoledo.com by Sept 30 /2021

Best
Sorin Boeriu

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Technology

At **The Surgical Center for Implant and Periodontal Therapy** our mission is to provide a friendly and comfortable environment in which our patients can receive the highest quality pf periodontal and implant care i an efficient manner . We are committed to using state of the art technologies instruments, and procedures that provide great benefits to our patients. We strive to maintain the highest standard of professional care .

Cone Beam CT 3D Imaging .

Our offices are equipped with state-of-the art Cone Beam CT scans that revolutionizes our patient care . With the help of this innovative technology , our specialists are able to diagnose more accurately and provide treatment with confidence . The precise crystal-clear 3D images provide valuable insight into the patients' dental regions of interest . This technology provides a wide range of diagnostic information that helps our clinicians devise more accurate treatment plans and answers many questions that may arise during the treatment.

Sedation

We recognize that some of our patients may be apprehensive about their treatment. We will take as much time as necessary to ensure a comfortable and enjoyable experience for patients who require added comfort , we offer moderate sedation if needed . This option will provide for a deep relaxation during their visit while still being conscious .

Biologics : Gem 21 , Emdogain

HELPING YOU HEAL

GEM 21S® growth-factor enhanced matrix is indicated to treat the following periodontally related defects: intrabony periodontal defects; furcation periodontal defects; and gingival recession associated with periodontal defects.
GEM 21S® growth-factor enhanced matrix combines a bioactive protein – highly purified rhPDGF-BB – with an osteoconductive matrix, ß-TCP.
GEM 21S® is the only dental therapy containing rhPDGF-BB, one of the main growth factors found in the human body and well known for its stimulatory role in wound healing.

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Biologics : Emdogain

Straumann® Emdogain® is a unique gel containing enamel matrix derivative. This mixture of natural proteins can induce biological processes that usually take place during the development of the periodontium and may stimulate certain cells involved in the healing process of soft and hard tissues.

With the addition of Dr. Basta we provide the following service			
Dental implants	**Dental implants**	**Periodontal treatment**	**Other**
Socket preservation	**Immediate &delayed implant placement**	**Nonsurgical periodontal treatment**	**IV and oral sedation**
Sinus elevation and ridge augmentation	**Immediate & delayed temporary crowns for anterior implants**	**Surgical periodontal treatment Laser assisted New Attachment procedure (LANAP)**	**Impacted canine exposure**
Pre-treatment consultation with you and your lab	**Implants for fixed , hybrid or removable prostheses**	**Guided tissue regeneration for periodontal defects Gen 21, Emdogain**	**3D cone beam scans and analysis**
We provide stock or custom scannable abutments and impression components	**Treatment of peri- implant disease**	**Esthetic and functional crown lengthening**	**Frenectomy**
Single or multiple implants	**Digital treatment planing**	**Soft tissue grafting (autografts and allografts)**	**Biopsy and wisdom teeth extractions**

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Is connective tissue graft still the gold standard in periodontal plastic surgery ?

One of the problems with root coverage grafting is the unavailability of a large supply of donor connective tissue. Multiple sites often need grafting, but if the connective tissue supply is limited, more than one surgical procedure may be needed or the treatment time will be significantly increased due to the time needed for healing an maturation before a second CT can be harvested form the same site . Also, using a palatal donor site can be associated with significant post- operative morbidity particularly when large grafts are needed. The use of biomaterials for the treatment of gingival recession has gained popularity in the recent years due to their advantages compared to the autogenous grafts (FGG, SCTG) such as unlimited supply , avoidance of a secondary surgical site , reduction the surgical time and postoperative pain and patient's preference. Based on their origin, the extracellular matrixes can be classified as allogenic, xenogeneic, alloplastic, and living constructs (when they include cells). Acellular dermal matrix (ADM) is a soft tissue graft obtained from human skin that has undergone a decellularization process All the of epithelium and cellular components are removed and the preserved ECM (components, containing types I- and III- collagen bundles and elastic fibers serves) as a scaffold that promotes cellular migration and revascularization from the surrounding host tissues. ADM works like an autogenous graft by providing a bioactive matrix consisting of collagens, elastin, blood vessel channels, and bioactive proteins that support natural revascularization, cell repopulation, and tissue remodeling. ADM is considered to be a safe alternative to autogenous grafts; no cases of viral transmission have been reported in more than 10 years of use with more than 900,000 grafts. Currently, the ADM is more frequently used for root coverage procedures and soft tissue augmentation at tooth or implant sites, particularly when avoiding a second surgical site and minimizing patient morbidity is the primary concern. Compared to the CTG , ADM offers several advantages; no donor site, unlimited supply, similar clinical outcomes in the treatment of multiple recessions. The ADM is considered to be the graft substitute with the most similar outcomes to the connective tissue graft (CTG),

Grafting recession defects with Alloderm produces similar root coverage outcomes to CTG in the presence of a distinct amount of keratinized tissue width at baseline (≥2 mm) Therefore the use of Alloderm should be limited to recession class Miller I and II (cases with a attach ed keratinised tissue width ≥2 mm

Hands-on course coming up (visit our website for details)

Minimally invasive soft tissue grafting for teeth and implants
Modified Coronally Advanced Tunnel (MACT) with Alloderm for the treated of gingival recession defects

This limited attendance course is intended for general dentists with and without any surgical experience who wish to learn more about periodontal plastic surgery procedures for treatment of soft tissue defects around teeth and dental implants. Principles of soft tissue augmentation will be reviewed . Case presentations, practical hands-on exercises and live surgical demonstrations provide in-depth knowledge about the use of soft tissue grafting techniques to achieve predictable coverage of single and multiple recessions . Furthermore, the treatment of non-carious cervical lesions will be discussed.

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Clinical cases

Treatment of gingival recession using a tissue substitute (Alloderm) providing the same long -term result as the autogenous tissue harvested form the patient's palate

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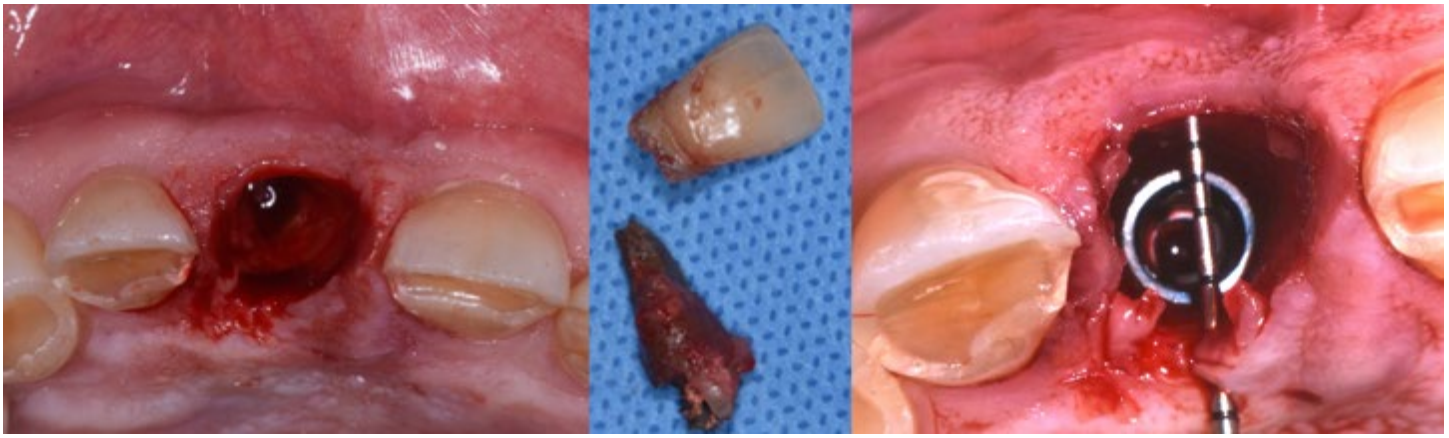
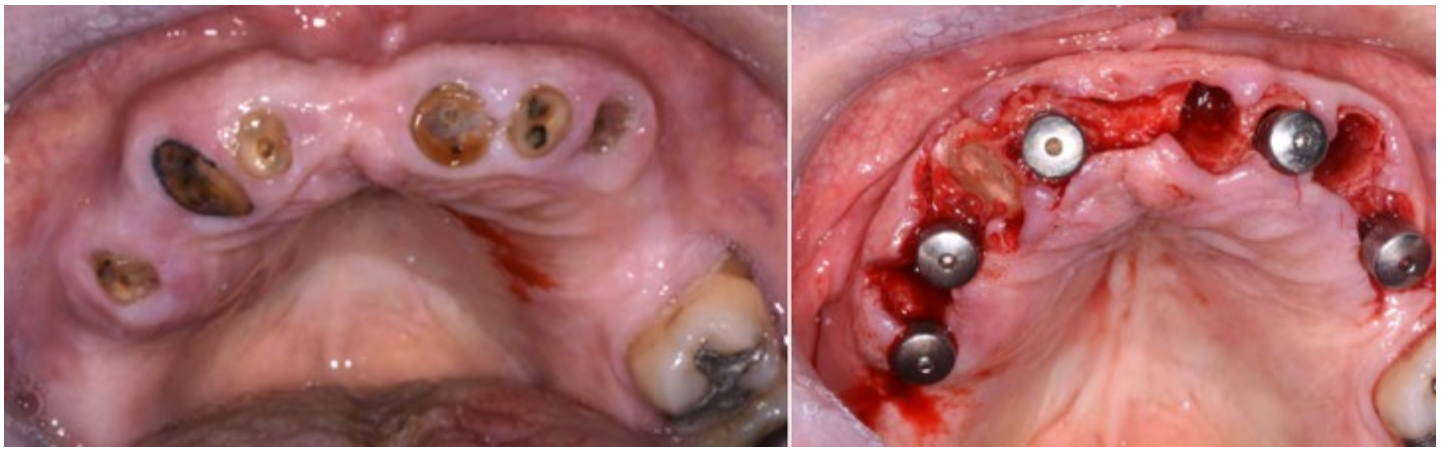
Immediate implant placement : Single or multiple implants





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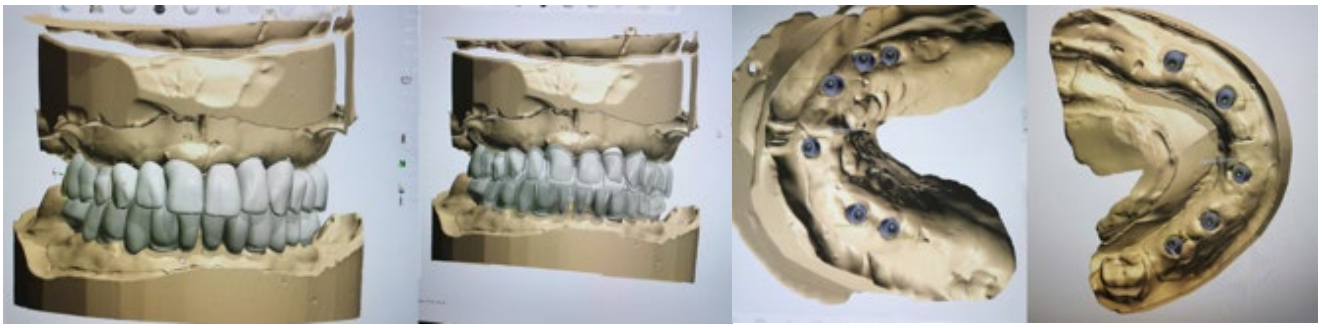
All on X (4,5,6 implants) Digital workflow :Planning, Printing, Placement



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Aesthetic Crown lengthening

Esthetic Crown Lengthening is a common periodontal surgical procedure in which gum tissue is re-contoured to expose more of the tooth. It is normally performed in order to improve the health of gum tissue or to prepare the patient's mouth for a restorative or cosmetic procedure. This procedure can be performed on a single tooth, many teeth or the entire gum line in order to expose a pleasant, aesthetically appealing smile.

Functional crown lengthening

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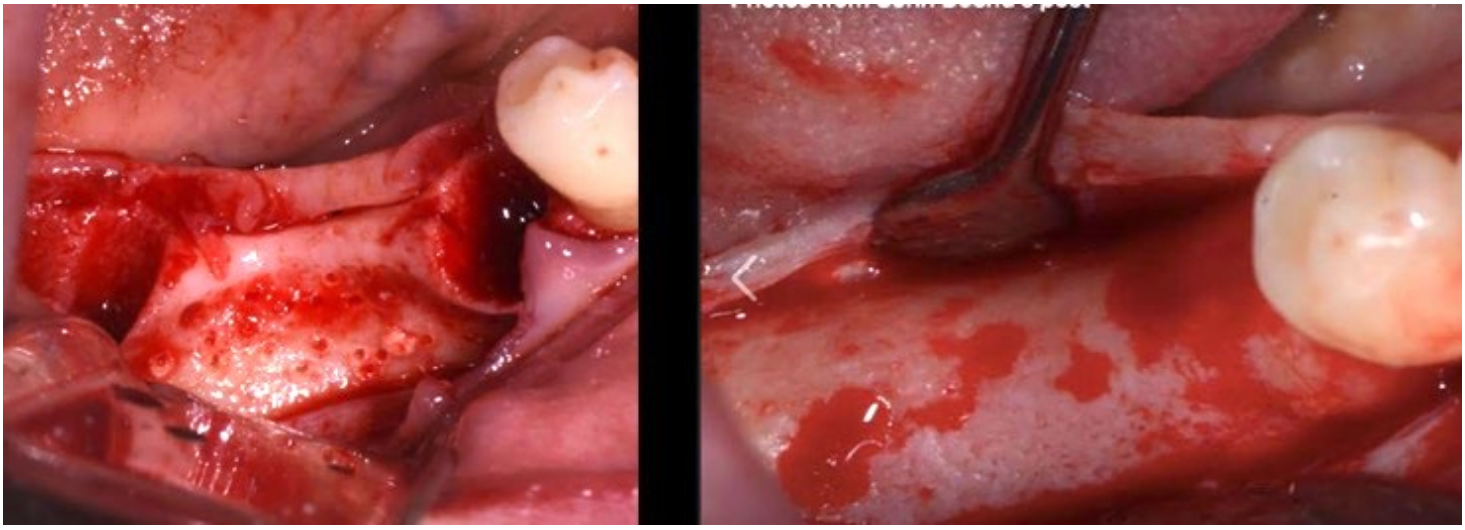
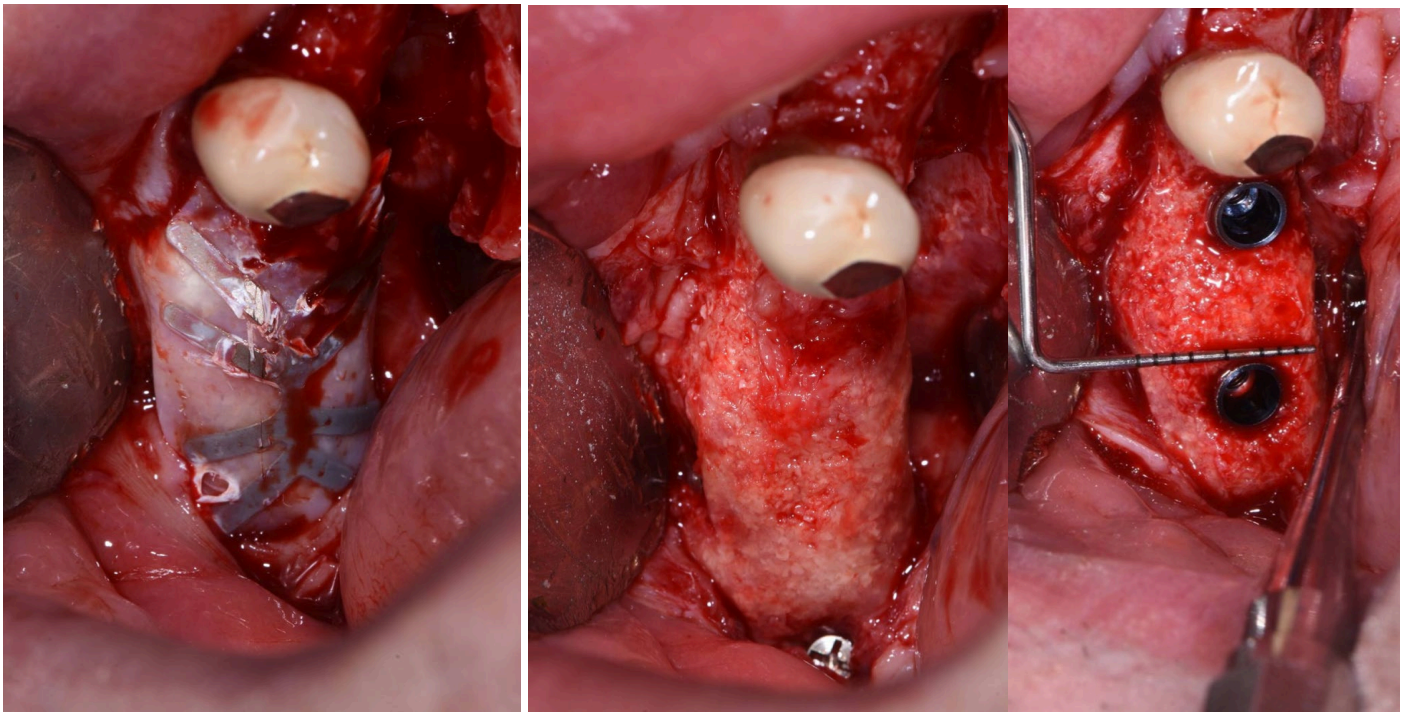
Bone Augmentation (sinus grafts , ridge augmentation and socket preservation) procedures

Ridge augmentation sinus graft procedures facilitate the placement of dental implants in areas where there is a lack of bone width in a horizontal or vertical dimension





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Periodontal regeneration :

Periodontal regenerative technologies are applied to improve the short- and long-term clinical outcomes of periodontally compromised teeth presenting with deep residual pockets and reduced periodontal support . The aims of periodontal regeneration are; increase the periodontal attachment and bone of the severely compromised tooth , decrease the pocket depth and minimal root recession. Periodontal regeneration has been shown to be highly effective in the treatment of one two , and three intrabony defects

Fibroma /granuloma removals

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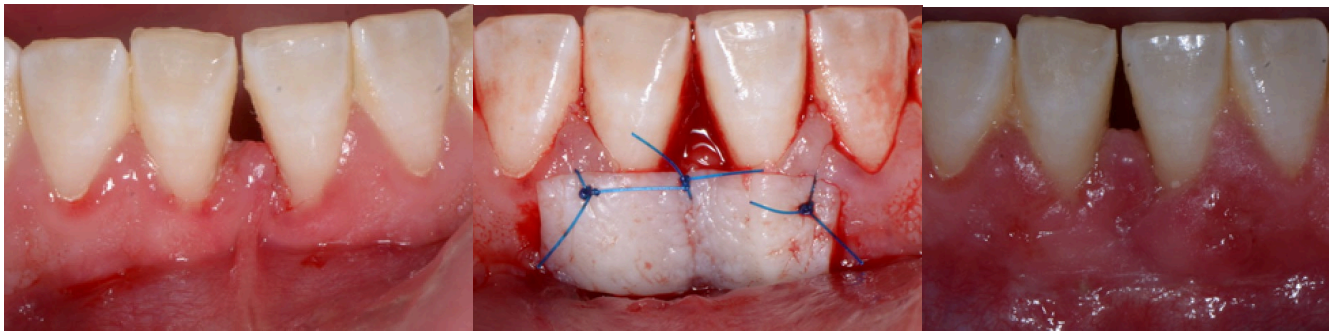
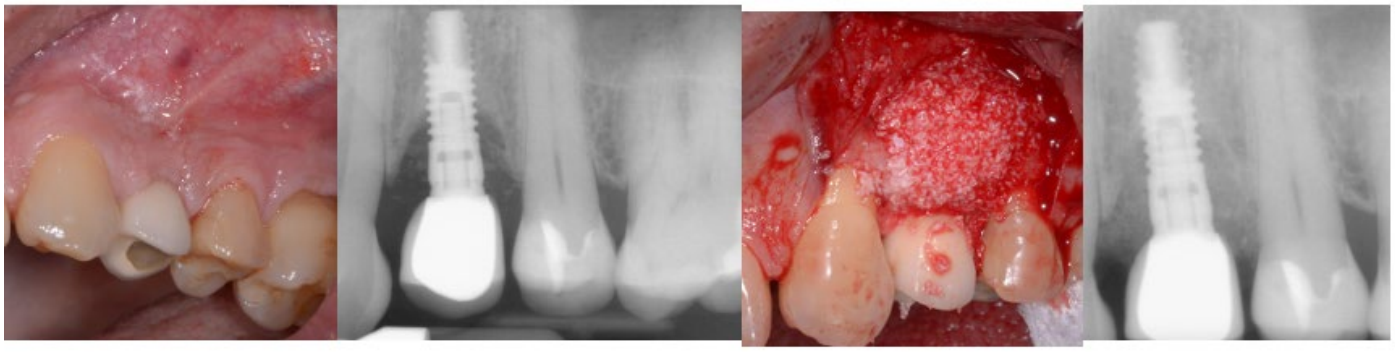
Treatment of the Mucogingival problems and conditions



Treatment of peri implant disease



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LANAP. (Laser Assisted New Attachment Procedure) for the treatment of moderate to severe periodontal disease

An FDA-cleared laser treatment called the LANAP protocol offers a less painful, more successful treatment alternative to conventional surgery. LANAP=LAR (Laser Assisted Regeneration) is the only scientifically, research proven methodology that results in true periodontal regeneration, new bone growth and gum tissue reattachment. The LANAP=LAR treatment is one of the most successful protocols in treating gum disease because it can target the source of the inflammation without hurting or removing any healthy gum tissue, slow or stop attachment loss and decrease pocket depth, and allowing the body to recover from the chronic infection without the need for scalpel or sutures.

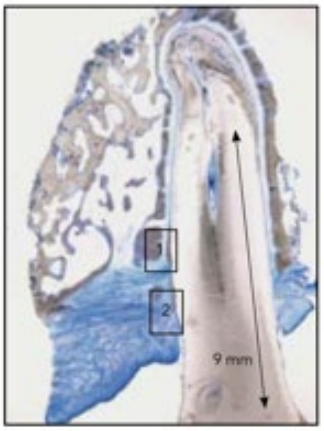

Fig 3d *Panoramic view showing bone fill of the intrabony defect and periodontal regeneration. The 9-mm notch measurement from the cementoenamel junction confirms the notch location.*

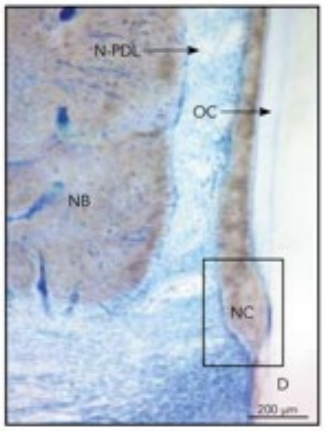

Fig 3e *Higher-magnification view of box 1 in Fig 3d revealed a layer of new cementum (NC) extending to the coronal extent of the defect with adjacent periodontal ligament (N-PDL) and new bone (NB) defining periodontal regeneration. OC = old cementum; D = dentin.*

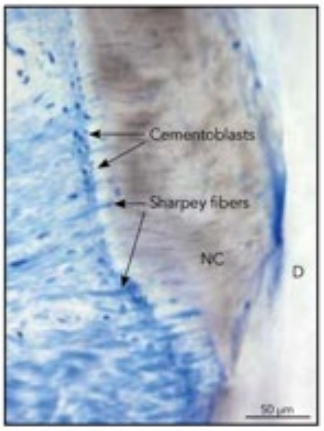

Fig 3f *Inserting Sharpey fibers into the new cementum and presence of cementoblasts (magnified view of box in Fig 3e). NC = new cementum; D = dentin.*

Human Clinical and Histologic Evaluation of Laser-Assisted New Attachment Procedure Marc L. Nevins, DMD, MMSc /Marcelo Camelo, DDS Peter Schupbach, PhD/Soo-Woo Kim, DMD, MS[4] David M. Kim, DDS, DMS /Myron Nevins, DDS

The LANAP protocol using the PerioLase MVP-7 was the first laser-mediated periodontal therapy to achieve FDA clearance for "cementum mediated new attachment to the root surface in the absence of long junctional epithelium," and the **ONLY protocol and laser to achieve FDA clearance for True Regeneration** (regeneration of new alveolar bone, new cementum, and new periodontal ligament without the use of additive biologic materials). The LANAP protocol is the only laser-based protocol backed with two independent studies demonstrating efficacy and regeneration with actual human histology. Patients with pocket depths from 6mm-19mm+ or with ailing implants are the candidates who will maximally benefit from this minimally invasive, comfortable, tissue-sparing procedure.