

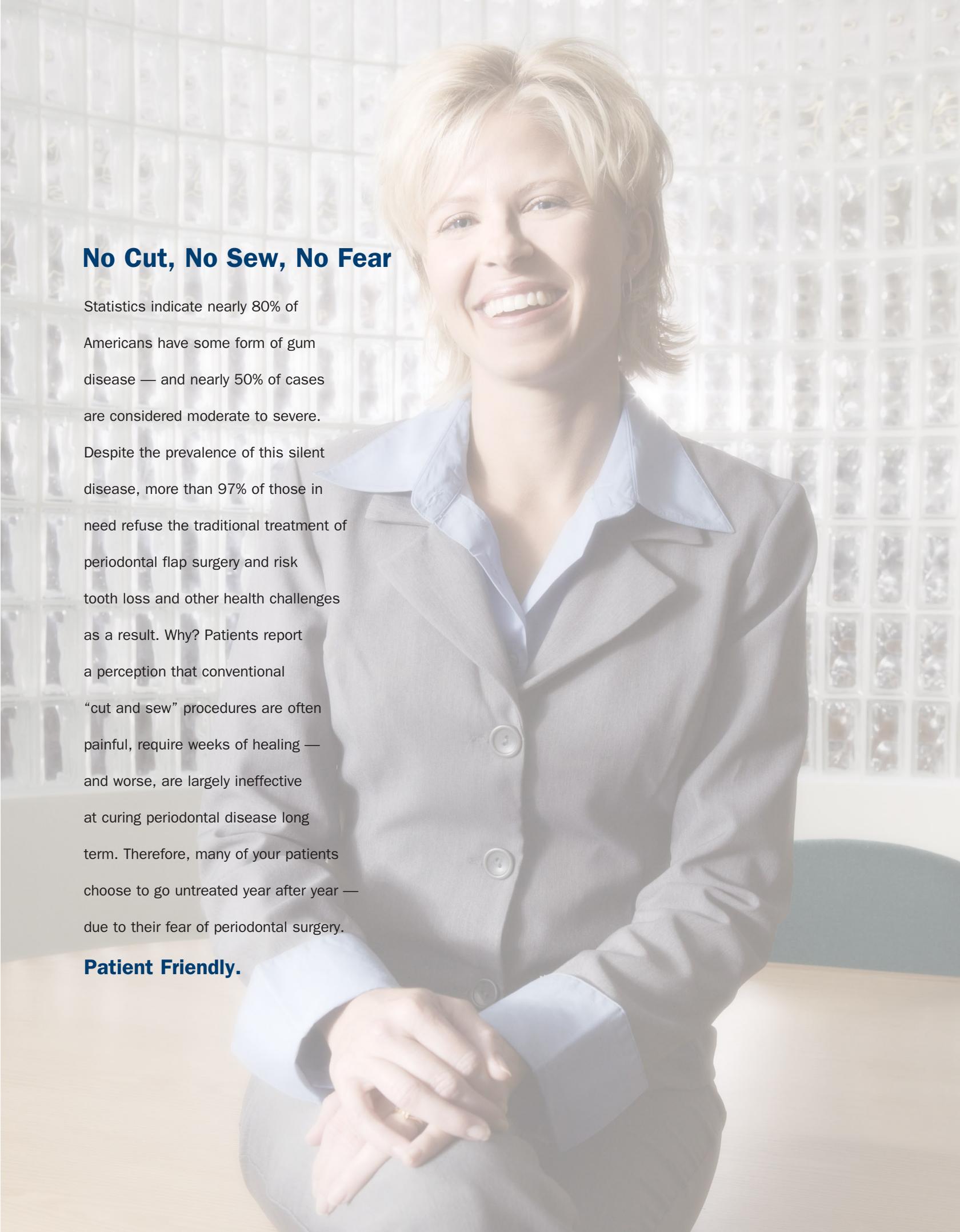


PerioLase[®] MVP-7[™] Digital Laser

For The
LANAP[™]
Protocol

Exclusively from Millennium Dental Technologies, Inc.

A company by clinicians for clinicians.™



No Cut, No Sew, No Fear

Statistics indicate nearly 80% of Americans have some form of gum disease — and nearly 50% of cases are considered moderate to severe. Despite the prevalence of this silent disease, more than 97% of those in need refuse the traditional treatment of periodontal flap surgery and risk tooth loss and other health challenges as a result. Why? Patients report a perception that conventional “cut and sew” procedures are often painful, require weeks of healing — and worse, are largely ineffective at curing periodontal disease long term. Therefore, many of your patients choose to go untreated year after year — due to their fear of periodontal surgery.

Patient Friendly.

Introducing the **World's First FDA-Cleared** Laser Periodontal Disease Treatment Protocol with a **Scientifically Proven** **Regenerative Outcome**

A Revolutionary, Gentler Alternative

Our Laser Assisted New Attachment Procedure™ protocol offers your patients a significantly less traumatic alternative to traditional periodontal surgery — a process simple enough to perform in a general practice setting. By removing calculus deposits without cutting and suturing, you can help your patients experience a faster, easier recovery with minimal postoperative pain, bleeding and swelling.

The First FDA-Cleared Technique Of Its Kind

In July 2004, the U.S. Food and Drug Administration (FDA) cleared the LANAP™ protocol, substantiating this method's claim to "Cementum-mediated new periodontal ligaments to the root surface in the absence of long junctional epithelium."

This FDA clearance followed three years of research at Louisiana State University, School of Dentistry, New Orleans, by principal investigator, Professor Raymond A. Yukna, DMD, MS, and coordinator of post-graduate periodontics at LSU. Professor Yukna led a controlled, blinded, clinical and human histology study that evidenced new root surface coating (cementum) and new connective tissue (periodontal ligament) formation (collagen) on tooth roots by stimulating existing stem cells to grow following the use of the PerioLase® MVP-7™ and the LANAP™ protocol.¹

"Dentists have been looking for ways to regenerate some of the tissues lost to gum infections and LANAP is an exciting and revolutionary treatment protocol showing microscopically that we can form a new root coating (cementum) and new connective tissue attachment (collagen). Our consistent results suggest that the best possible type of healing can be obtained using the LANAP protocol. This presents a wonderful alternative to traditional surgery."

Raymond A. Yukna, DMD, MS

Director of Advanced Periodontal Therapies

University of Colorado School of Dental Medicine

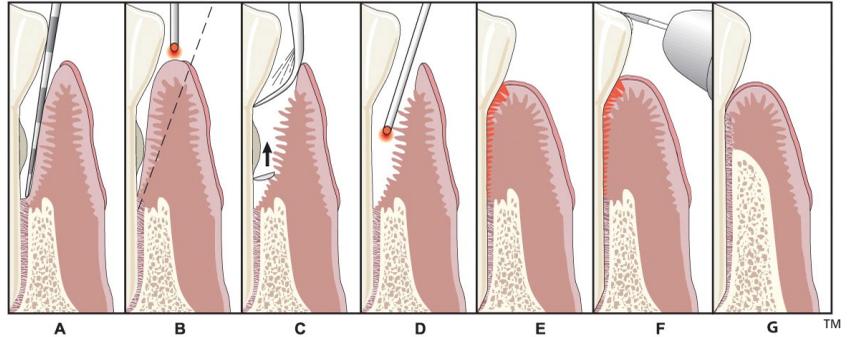
BootCamp - October 2004

¹ Yukna FA, Evans GH, Vastardis S, Carr RF. Human periodontal regeneration following the laser-assisted new attachment procedure. Int Assoc Dent Res 2004; Abstract No. 2411.

The LANAP™ Protocol – A Well Defined, Step-By-Step Procedure

Under anesthesia:

- A. Perio probe indicates excessive pocket depth.
- B. Pulsed laser irradiation, at short pulse duration, selectively dissects epithelium, and denatures diseased tissue and pathologic proteins. Tactile feedback from the fiber alerts the practitioner to the presence of root roughness, and opens the pocket for access and visibility.
- C. Ultrasonic scaler and special hand instruments remove root surface accretions.
- D. Laser finishes debriding pocket at wider pulse durations and establishes clotting.
- E. The tissue is compressed against the root surface and a stable fibrin clot forms at the gingival crest.
- F. Occlusal trauma adjusted with high speed handpiece and diamond bur.
- G. Cementum-mediated new attachment is obtained.



PerioLase® MVP-7:™

the Product behind the Protocol

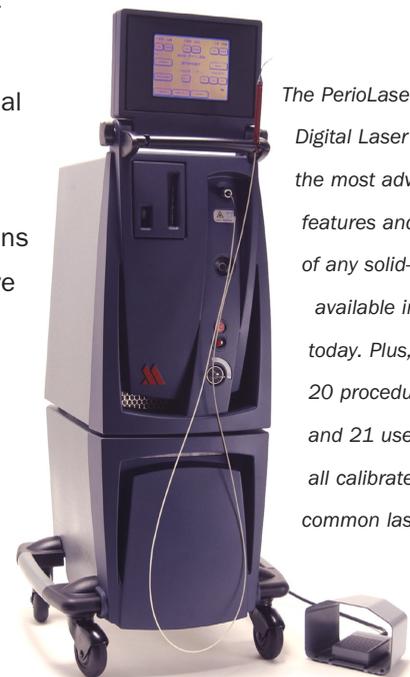
SAFE • EFFECTIVE • USER FRIENDLY

The power to treat gum disease lies in the technology of the PerioLase® MVP-7™ laser — the world's most widely used dental laser platform. This optimized 6 Watts Free Running (FR) Nd:YAG (Neodymium: Yttrium Aluminum Garnet) laser delivers all the unique features and capabilities you need to quickly and effectively perform the LANAP™ protocol, as well as a wide range of other soft tissue and some hard tissue laser procedures.

The elimination of gum resection helps preserve more of your patients' original gum tissues, enabling them to maintain their smiles and avoid unsightly root exposure and associated sensitivity. Plus, this procedure reduces double-digit pocket depths to healthy levels. And a full 6 Watts of power means that you don't need to operate your PerioLase® at maximum power to achieve the desired clinical results.

The LANAP™ protocol with the PerioLase® MVP-7™ laser selectively destroys the disease and infection in the tissue, helps heal the gum tissue, allowing regeneration of the periodontal attachment. Thus, this breakthrough solution safely improves:

- Gingival Bleeding Index (GBI) – Reducing bleeding from the gums
- Probe Depth (PD) – Reducing the depth of the periodontal pocket
- Attachment Level (AL) – Increasing the level of tissue attachment
- Tooth Mobility (TM) – Lessening the severity of loose teeth
- New Attachment Levels (NA) – While creating or establishing a new connective tissue attachment



The PerioLase® MVP-7™ Digital Laser has the most advanced features and capabilities of any solid-state laser available in dentistry today. Plus, it provides 20 procedure settings and 21 user presets — all calibrated for common laser protocols.



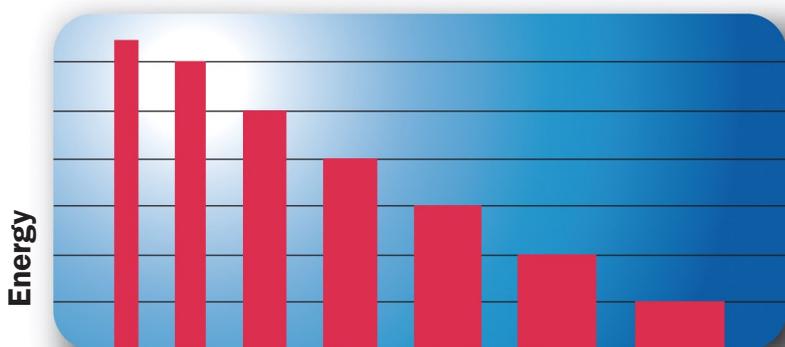
- INTENSE
- PRECISE
- SELECTIVE

A Free Running (FR) Laser With TruePulse™

Unlike continuous wave (CW) diode lasers (that have very low peak power beams), the PerioLase® MVP-7™ is a true, Free-Running (FR) Pulsed Nd:YAG laser. It emits true pulses of high peak power with durations in the millionths of a second. TruePulse™ technology delivers greater precision and control of the laser beam.

Exclusive Multi-Variable Pulse™ (M.V.P.) Feature Ensures Clinical Success

The PerioLase® represents the introduction of the first and only dental laser that provides seven user-selectable high-peak power digital pulse durations (pulse widths) to choose from — 100, 150, 250, 350, 450, 550 and 650 μ sec — for the optimum performance that variable pulse duration technology provides in treating a wide range of perio conditions. The narrow pulse durations are ideal for ablating soft or fibrous tissues, while the wider pulse durations are best for rapid hemostasis needed to control moderate to heavy bleeding. Pulse duration flexibility allows for the successful performance of Laser Periodontitis Treatment™, while maximizing control of operative and postoperative bleeding.



Digital Pulse Durations

The PerioLase® control panel enables you to quickly switch from “ablation” to “hemostasis” by selecting the desired pulse duration with a single touch of a button.

“This procedure is going to do for dentistry what Lasik surgery has done for eye problems. It’s that significant. It will actually utilize some of the body’s own materials to regenerate bone and attachment tissue below the gum line without having to cut them open.”

*Todd McCracken, DDS
Carrollton, Texas
BootCamp - April 2002*

Wound Healing 101

1. Clean the wound
2. Close the wound
3. Stabilize the wound

It’s like an upside down root canal.

TrueFlex™ Fiber Guide Handpiece Makes Access Easy And Is Designed Exclusively For Laser Periodontitis Treatment™

The PerioLase® features the TrueFlex™ Fiber Guide Handpiece for secure fiber retention, maximum tactility and the exclusive capability to curve and recurve the bendable, stainless steel cannula. This enables the practitioner to quickly and easily adapt the cannula shape for optimal energy delivery in every access situation. Available in two sizes and a wide variety of colors—including custom selections.



Power And Versatility For All Your Soft Tissue Procedures

Although the PerioLase® was designed to optimize the performance of Laser Periodontitis Treatment™, it has the versatility to perform all soft tissue laser procedures, enabling you to advance your dental practice with a full complement of new soft, and some hard, tissue laser treatment options.

Increased efficiency for crown, bridge and cosmetic dentistry:

- Tissue preparation prior to impressions will yield cleaner, clearer and more predictable results.
- Gingiva may be sculptured prior to cosmetic veneer preparation, yielding predictable margins.
- Allows soft tissue crown lengthening.

Soft tissue management:

- Reduces bacterial level (decontamination) and inflammation.
- Debrides pockets.
- Incision for draining of abscesses.
- Gingival contouring for maximum aesthetics.

Routine surgical procedures:

- Gingivectomies and gingivoplasties are simplified and impressions or restorative work can be performed on the same visit.
- Fibromas are eliminated quickly and with minimal discomfort to patient.
- Frenectomies are performed rapidly and with reduced need for anesthesia and postoperative analgesics.
- Periodontal pocket reduction without tissue loss for improved results.
- Treatment of oral lesions including Aphthous Ulcers.
- Minimizes the need for periodontal dressings.



Proven Technology By A Company You Can Depend On A Company by Clinicians for Clinicians™

The PerioLase® is the first digital Free Running (FR) Pulsed Nd:YAG laser and the world's most widely used laser platform. Now in its sixth generation of Nd:YAG platforms, the PerioLase® MVP-7™ is the most versatile of Free Running (FR) Nd:YAG dental lasers optimized for maximum range of clinical performance. The laser's three user presets for each pulse duration, in addition to 20 specified procedure settings, deliver accuracy as well as user convenience. **Plus, user defaults protect the new laser clinician from causing unanticipated tissue damage.**

The PerioLase® MVP-7™ was **designed by clinicians for clinicians** in January 2000, specifically to treat periodontal disease.

More Exclusive PerioLase® Features

- FDA 510(k) clearance for all soft tissue procedures.
- FDA 510(k) exclusive clearance for LANAP™ protocol.
- Defaults pre-calibrated for LANAP™ protocol.
- User presets for other useful laser protocols.
- Precise power delivery able to be calibrated at the fiber termination.
- Compact size with small floor footprint.
- Easily wheeled between treatment rooms or operatories.
- Ergonomic, lightweight, and easy-to-clean autoclavable handpieces.
- Simple computerized touch pad control.
- On-board computerized self diagnostics.
- No special power requirements, just plug into any 120-volt AC outlet.
- Broad range of fiber diameters for maximum versatility.
- Robust, durable metal construction.
- Powerful, variable, red diode laser aiming beam.
- Mandatory comprehensive hands-on clinical training.



“Patients are back to their daily routines—or back to work—virtually right away. They can come in on their lunch hour and resume their daily activities.”

Dawn Bloore, DDS

BootCamp - September 2001

Results You Can Count On That Patients Will Pay For – Quick ROI

Many dentists who offer the LANAP™ protocol are pleased with their newfound increases in profitability. In fact, performing this procedure on just one patient per month can positively impact your practice's net income. In addition, the equipment cost is typically recovered after just 20 patient treatments.

Plus, the PerioLase® has the power and versatility to perform a wide range of soft tissue laser procedures, enabling you to expand your dental practice with a host of new treatment options and productivity. Ask about our convenient financing plans that can enable you to acquire the PerioLase® Periodontal Package™ — and begin realizing a more positive cash flow — immediately.

Histology Showing Bone Regeneration

The LANAP™ protocol, unlike most procedures developed and tested in university clinics, was created and proven in real-world private general practice settings. The safety and effectiveness of LANAP™ protocol was proven by three different private practices, with a remarkable 91% success rate.¹ The PerioLase® was also recently evaluated favorably by an independent non-profit educational and product testing foundation.²

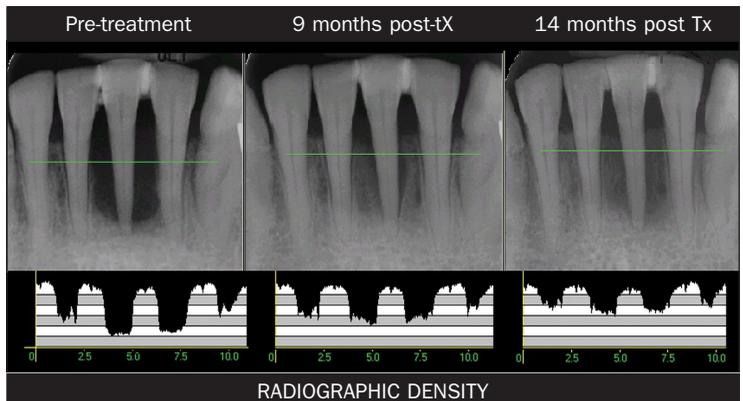
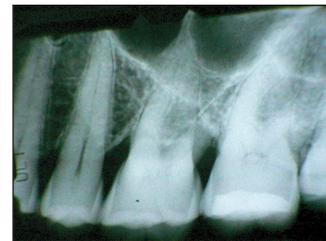
The LANAP™ procedure was evaluated in the world's third largest human histology study published in the periodontal literature — in a longitudinal, controlled, prospective, blinded, university-based clinical study published by the International Association of Dental Research. The study showed 100% of the 6 teeth treated with the LANAP™ procedure and 0% of the control teeth formed new attachment.³

Case Report

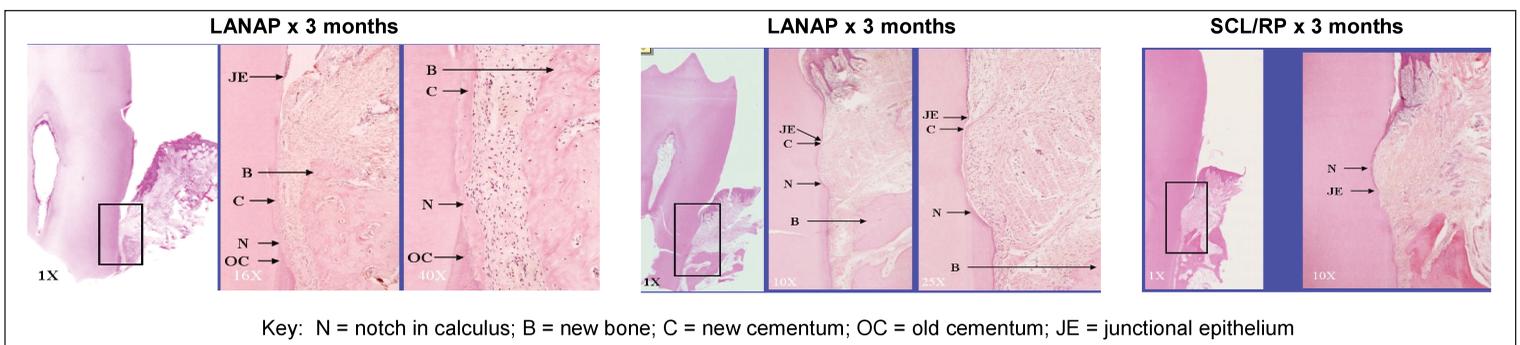
Diagnosis: Advanced periodontal disease with 6 to 12 mm pockets throughout the mouth. Deep 9 mm furcation and bone loss.

Treatment: LANAP™ Procedure

Results: Pocket furca fill to 2 mm with positive bone regeneration.



A comparison of the pretreatment x-ray of the bone surrounding No. 24 with the x-ray obtained 9 and 14 months post-treatment shows strong evidence of substantial increased bone density. The density profiles at the bottom demonstrate this clearly. Notice that the alveolar interproximal areas of teeth nos. 23 through 25 are radiolucent before treatment, indicative of severe inflammation. By 14 months post-treatment, these areas have opacified. Radiographic findings show evidence of interproximal bone fill and what seem to be new bony structures interproximal to teeth nos. 23 and 25. Notice that the densities in the region of the roots and the root canals have been balanced with gamma correction to yield approximate equal values.



It's All About The Patient

Millennium Dental Technologies, Inc. is a scientific and clinical research-based manufacturer and distributor of state-of-the-art dental products. Millennium is organized and operated under the leadership and direction of dental clinicians for the express purpose of advancing the LANAP™ technique. These principals are not only researchers and developers of new technology and applications, they are clinical practitioners and dental laser educators dedicated to improving the standard of care for treatment of gum disease. In fact, Millennium is the only company that requires training on the laser and the LANAP™ technique as a condition of sale.

The LANAP™ protocol was developed by Robert H. Gregg, II, D.D.S. and Delwin K. McCarthy, D.D.S., the founders of Millennium Dental Technologies, Inc. These pioneering laser clinicians were fascinated by the possibilities of lasers in dentistry soon after the introduction of laser technology in the late 1980's. After performing thousands of laser procedures, they became experts in laser/tissue interaction—and soon envisioned the potential for a Free Running (FR) Pulsed Nd:YAG laser for use in Laser Periodontitis Treatment™.

¹ Harris DM, Gregg RH, McCarthy DK, Colby LE, Tilt LV. Laser-assisted new attachment procedure in private practice, J Gen Dent 2004; 52:396-403.

² Complete report available by request.

³ Yukna FA, Evans GH, Vastardis S, Carr RF. Human periodontal regeneration following the laser-assisted new attachment procedure. Int Assoc Dent Res 2004; Abstract No. 2411.



Live patient hands-on clinical instruction is the hallmark of the most comprehensive training in the industry.



Comprehensive Training ~ We'll Hold Your Hand

Millennium assures your successful mastery of the LANAP™ protocol

through the industry's most complete clinical training and support system. Millennium training affiliate, The Institute for Advanced Laser Dentistry (IALD) provides five days of hands-on training and laser certification from experienced dentists at IALD's clinical training center in Cerritos, CA or at our alternate training center at the University of Colorado School of Dentistry in Denver. After your initial training, you'll have access to on-call and email clinical support from Millennium's founders and certified instructors. We provide:

LANAP™ Protocol Laser BootCamp® Training

- **Evolution 1:** Introduction to lasers, laser physics and a device-specific standard proficiency certification in laser dentistry from the Institute for Advanced Laser Dentistry as adopted from the Curriculum Guidelines and Standards for Dental Laser Education.⁴
- **Evolution 2:** Comprehensive clinical and procedural training in the LANAP™ protocol, using the PerioLase® MVP-7™ for LANAP™, including hands-on training and observation of procedures performed on live patients.
- **Evolution 3:** Periodontal Occlusal Therapy, LANAP™ protocol, practice integration and marketing, review of pre- and post-operative cases, licensing in Millennium's patented LANAP™ procedure.

⁴ White JM, McCarthy DK, Gregg RH, et al. Curriculum Guidelines and Standards for Dental Laser Education, SPIE Proceedings, Vol. 3593, Lasers in Dentistry V, January 1999, p 110-122.

Continuing Care Courses

- **Evolution 4:** Extended education course on advanced features and other clinical applications, scheduled six to eight months after initial training.
- **Evolution 5:** Follow-up course, schedule six to eight months after completion of Evolution 4 training.

ADAC·E·R·P[®]
CONTINUING EDUCATION RECOGNITION PROGRAM


Academy
of General Dentistry

PACE
Program Approval for
Continuing Education

Support For Success

- Personalized public relations campaign with Millennium's customized program.
- Ground transportation to and from the Training facility and the hotel.
- A total of eight nights deluxe hotel accommodations for Evolution 1 through 5, arriving the day before training and departing the day after.
- Fellowship Dinner (Evolution 2 - 5) for all doctors (and their guests), as well as certified instructors. Complimentary breakfast and lunch each training day.
- 40 hours of continuing education (CE) credits (inclusive of all five days of education).
- Unlimited phone/e-mail clinical support with the Institute for Advanced Laser Dentistry faculty.
- Six-month clinical result money-back guarantee; Return the laser in good working condition along with course notebooks, patent license agreement in original containers for a full refund. (Certain conditions apply.)
- Marketing and practice integration CD-Rom.

LANAP™ Protocol – The Standard Of Care For Laser Periodontitis Treatment™

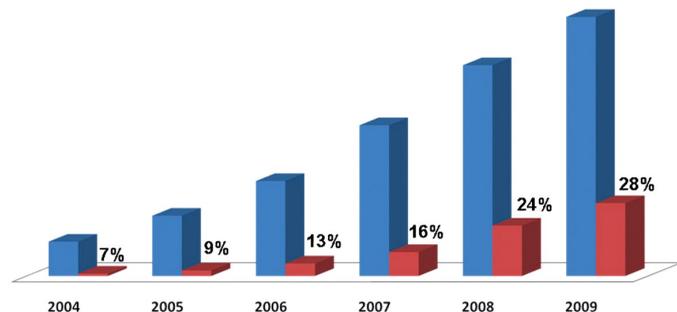


“LANAP is one of the research proven periodontal therapies which reasonably careful (LANAP trained) dentists may choose to use to treat periodontitis.”

*Edwin J. Zinman JD, DDS
Attorney and Periodontist*

Where We Are Today

Five years ago our customer base was made up primarily of General Practitioners as depicted in the graph. Last year 46% of our doctors trained were Periodontists.



Discover the Advantages Today

For more information on how the LANAP™ Procedure with the PerioLase® MVP-7™ laser can help you treat gum disease less painfully than conventional methods, or for details on financing, contact Millennium Dental Technologies today.

(888) 49-LASER (495-2737)

www.LANAP.com



Across the Country—Your peers are doing it...



“Predictability is a huge benefit when you are talking about laser periodontal therapy. I have come to expect really good results every time I perform the LANAP procedure”

Lloyd V. Tilt, DDS MS
Ogden, Utah
BootCamp - September 1999

“With the LANAP Procedure, my patient acceptance has dramatically increased. It’s good for them, it’s good for me and it’s good for my referring G.P.”

J. Mark Beckstead, DDS
SSC Member: Los Altos, California
BootCamp - December 2008



“LANAP has changed the lives of many of my patients. Many refused traditional periodontal treatment. Now they have a No Cut, No Sew, No Fear, patient-friendly alternative.”

Thomas Wheeler, DMD
SSC Member: Louisville, Kentucky
BootCamp - April 2007



Are You? ...The LANAP™ Protocol—It’s the Right Thing To Do!

PerioLase® MVP-7™ Digital TruePulse™ Laser System

SPECIFICATIONS

Laser Type	Class IV; TruePulse™ Free Running (FR) Pulsed Nd:YAG laser
Treatment Laser	1.064μ (micron) wavelength
Regulatory Clearance	FDA 510(k), legally marketed device in the U.S.A.
Energy Per Pulse	20-300 mJ
7 MVP Durations	100 μsec to 650 μsec (100, 150, 250, 350, 450, 550, 650)
Pulses per Second	10 to 100 Hertz (PPS)
Aiming Beam	CW 635 nm, 5 mW Red Diode with adjustable intensity
Average Power	Variable from 0.2 to 6 Watts depending on pulse rate
Delivery System	Flexible fiber optic with the TrueFlex™ cannula handpiece
Dimensions (w/ cart)	11" (width) x 16.5" (depth) x 24.5" (height)
Cooling	Internal closed system, water to air
Power Requirements	110-120 VAC, 50/60 Hz, 10 Amps, Single phase; 200-240 VAC, 50 Hz, 2 Amps
Fiber Diameters	320, 360 and 400 micron
Laser/Cart Weight	43 lbs. [19.6 Kgs]/38 lbs. [17.2 Kgs]
Shipping Weight	50 lbs. [22.5 Kgs]/58 lbs. [26 Kgs]
Warranty	One year, parts and labor (Extended Warranty available - includes labor & equipment)
International	Currently cleared for sale in the United States and Canada. Made in the U.S.A.

ADDITIONAL FEATURES

Control Screen	Tilt screen with cover
Display	Touch-screen controller; procedure-driven menu w/ procedure/power presets pre-installed
Laser Power Supply	Digital circuitry
Alpha/Numeric Entry	Patient and doctor information, date/time stamp
Printer (thermal)	Displays total energy delivered and Joules of each pulse width/duration used
Power Meter	Built-in laser Power Meter records power at the fiber tip
Energy Display	Continuous display on touch-screen of energy used during procedures, measured in Joules

PROCEDURES ON MENU

- LANAP™ Ablation
- LANAP™ Hemostasis
- Abscess incision
- Abscess drainage
- Aphthous ulcers
- Biopsy Incisional
- Biopsy Excisional
- Crown lengthening
- Diode setting
- Fibroma
- Frenectomy
- Gingivectomy
- Hemostasis
- Hygiene curettage
- Sulcular debridement
- Tissue Recontouring
- Troughing
- Dentin Etch
- RCT Sterilization