

## MILLENNIUM DENTAL TECHNOLOGIES

# PerioLase MVP-7

*Laser offers quality patient care with maximum ROI*

**W**hile suitable for a wide range of hard- and soft-tissue applications, the PerioLase MVP-7 Digital TruePulse Nd:YAG laser is specifically designed for both the patented LANAP protocol for the treatment of periodontitis as well as the LAPIP protocol for the treatment of peri-implantitis. More than 24 years of clinical use and copious research studies have proven the efficacy of the PerioLase MVP-7 for the LANAP protocol in treating periodontal disease and promoting new periodontal attachment.

### What It Is

The PerioLase MVP-7 is a 6-Watt, free-running pulsed Nd:YAG laser. Its 7 operator-selectable pulse durations from 100 to 650  $\mu$ sec allow optimal tissue ablation and hemostasis. It is sold as part of the PerioLase Periodontal Package and it includes five days of ADA-CERP CE training with hands-on, live-patient clinical instruction to ensure success by the practitioners.



**VIDEO**

Check out how easy, fast, and effective LANAP treatment is in this animated video demo.



### What It Does

Two proprietary techniques have given Millennium Dental's PerioLase MVP-7 a unique niche in the market, with its specific wavelength that targets and destroys *P. gingivalis* and other periodontal pathogens. The PerioLase for the LANAP protocol requires no use of scalpels or the placement of sutures for a fast, easy recovery. The procedure allows maximum preservation of the patients' native periodontal tissue and allows for bone and periodontal ligament regeneration, while reducing chair time by as much as 50% over conventional techniques.

The LAPIP protocol, a modification of the patented LANAP protocol, is a minimally invasive treatment for peri-implantitis and mucositis around ailing and failing implants. In addition to the LANAP and LAPIP protocols, the PerioLase MVP-7 brings with it value-added procedures (VAPs™) that have greatly

expanded the treatment options for both general practitioners and periodontists.

The radiographs shown at the bottom of this column are representative of the treatment outcomes that can be realized with the LANAP protocol and the PerioLase MVP-7. Pre-operatively, tooth #18 showed pocket depths of 4, 12, and 12 mm. After successful LANAP protocol treatment, the 2-year post-op examination revealed the 12-mm pocket depth measurements were reduced to 4 mm, with the X-ray showing significant bone regrowth.

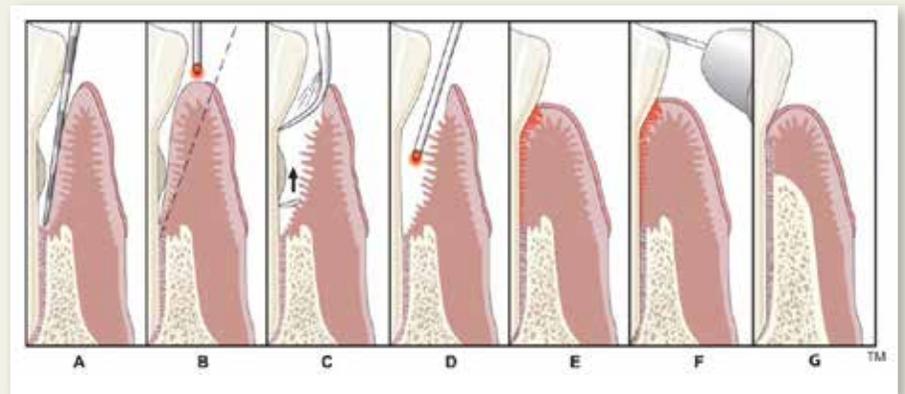
**The Bottom Line**

Clinicians aren't purchasing a laser—with the LANAP protocol, they're purchasing guaranteed clinical outcomes. The LANAP protocol offers patients a less traumatic alternative to traditional surgery for moderate-to-severe periodontal disease. The original human histology research proves the LANAP protocol creates cementum-mediated periodontal new attachment to the root surface in the absence of long junctional epithelium to promote periodontal regeneration. For general practitioners and specialists, the PerioLase for



**The LANAP Protocol: A Snapshot**

- 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 is adjusted with high-speed hand-piece and diamond bur.
- G** Cementum-mediated new attachment is obtained.



the LANAP and LAPIP protocols will yield a brand new source of practice revenue, as well as patient acceptance. In fact, the LANAP and LAPIP protocols have increased patient acceptance to 90%.

The adoption of the PerioLase MVP-7 for the LANAP and LAPIP protocols has increased significantly. Most notably, one out of four (25%) of the active members of the American Academy of Periodontology (AAP) licensed to practice in the United States are now practitioners of the LANAP and LAPIP protocols. The PerioLase Periodontal Package is the only laser periodontitis protocol that offers unsurpassed training of clinicians in the LANAP and LAPIP

protocols. This training includes five days of live-patient training and a six-month, clinical-results guarantee. Most importantly, the PerioLase for the LANAP protocol offers a treatment that patients want and need. Millennium Dental Technologies is working together with the Institute for Advanced Laser Dentistry (IALD) to change the standard of care in the prevention of periodontal disease and they'll continue to make an impact in the field of dentistry.

**MILLENNIUM DENTAL TECHNOLOGIES, INC**

FREE Product Information  
 CALL 800.697.7702 ext. 18465  
 CLICK [www.dps.li/a/4KZ-465](http://www.dps.li/a/4KZ-465)  
 CIRCLE 465 on the FREE info card following page 98.

