This really a special kind of healing. The LANAP® protocol quickly and effectively delivers all the unique features and capabilities you need to optimize the PerioLase® MVP-7™. This optimized 6-Watt Free-Running Nd:YAG laser allows your patients to maintain their smiles and avoid unsightly root exposure and associated sensitivity. The LANAP® protocol reduces double-digit pocket depths to healthy levels.

The LANAP® protocol with the PerioLase® MVP-7™ selectively destroys the disease and infection, helping to heal the gums, allowing True Periodontal Regeneration™. This breakthrough solution safely improves:

- Gingival Bleeding Index (GBI)
- Pocket Depth (PD)
- Attachment Level (AL)
- Tooth Mobility (TM)
- New Attachment Levels (NAL)
- Alveolar Bone Regeneration

Tooth Mobility (TM)

Attachment Level (AL)

True Periodontal Regeneration™

This breakthrough solution safely improves:

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- New Attachment Levels (NAL)
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Exclusive Multi-Variable Pulse™

Unlike continuous wave diode lasers, the PerioLase® MVP-7™ is a true free-running pulsed Nd:YAG laser. It exists in four pulses of high peak power with durations in the milliseconds of a second allowing the tissue to relax between pulses. TruePulse™ technology delivers greater precision and control of the laser beam.

A Free-Running Laser with TruePulse™

The PerioLase® MVP-7™ represents the introduction of the first and only internal pulsing laser that delivers several user-selectable high peak power digital pulse durations (pulse widths) to surgeon preference - 100, 150, 250, 350, 450, 550 and 650 µsec. For the optimum performance in treating a wide range of peri 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 light bleeding. Pulse duration flexibility allows for the successful performance of LANAP® and LAPIP® treatment, while maximizing control of operation and post-operative bleeding.

LANAP®

LANAP® Protocol

Diagnosis

Examination

Preparation

Laser Treatment

Post-Treatment

LANAP®

LANAP® Protocol

Diagnosis

Examination

Preparation

Laser Treatment

Post-Treatment

VAPS

Additional value-added procedure settings on the PerioLase® MVP-7™

- LANAP®
- LAPIP®
- LAPIP® Hemostasis
- Abscess incision
- Abscess Drainage
- Frontoitory
- Gangrenous
- Hemostasis
- Aphthous Ulcers
- Recopy Ulcerous
- Recopy Erosional
- Recopy Hyphamide
- Hypers Carriage
- Sulcular Debridement
- Tissue-Remoulding
- Troughing
- Crown Lengthening
- Oslere Setting
- Fibrotics
- RCT Stimulation
- Dentin Etch
**Digital TruePulse™ Laser System**

**SPECIFICATIONS**

- **Laser Type**: Class IV, TruePulse™ Free Running (FR) Pulsed Nd:YAG laser
- **Treatment Laser**: 1.064µm (micron) wavelength
- **Regulatory Clearance**: FDA 510(k), legally marketed device in the U.S.
- **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**: Fiber optic with the TrueFlex® cannula handpiece
- **Cooling**: Internal closed system, water to air
- **Dimensions**: 11” (width) x 19” (depth) x 25” (height)
- **Power Requirements**: 110-120 VAC, 50/60 Hz, 8 Amps, Single phase; 200 - 240 VAC, 50 Hz, 4 Amps
- **Fiber Diameters**: 300, 360 and 400 micron
- **Laser/Cart Weight**: 45 lbs. [20.4 Kgs]/38 lbs. [17.2 Kgs]
- **Shipping Weight**: 50 lbs. [22.5 Kgs]/58 lbs. [26 Kgs]
- **Warranty**: Two year, parts and labor (Extended Warranty available — includes labor & equipment)
- **International**: Currently cleared for sale in the United States, Canada and many international countries. 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**: Ink Jet and laser printer with blue tooth interface; full data logging and reporting capability
- **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

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**Real ROI**

LANAP®trained dentists are pleased with the newfound profitability and new revenue stream. Performing the procedure on one patient per month can potentially impact your practice net income. Equipment costs typically recovered after just 20 patient treatments.

**Practice Building**

Increase patient retention and attract new patients by adding treatments. Perfect for a wide range of Laser-Added Procedures with pre-programmed settings.

**Minimally Invasive**

Less invasive treatment enables faster tissue recovery and less discomfort for your patients.

**Higher Patient Acceptance**

Patients are more receptive to the treatment, removing the dread associated with traditional surgery.

**Scientifically Supported**

474 published positive patient outcomes in 16 peer-reviewed journals.

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**The results are outstanding and the ROI is greater than I expected. My advice is... Don't Wait!**

Todd Sheffler, DDS
Concord, NH
LANAP® Clinician since 2016

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**“The PerioLase® MVP-7™ is used on medically compromised patients with Periodontitis at our hospital-based surgery rotations. The PerioLase affords us the opportunity to manage these complex patients in a predictable manner with minimal post operative sequelae.”**

Jon B. Suzuki, DDS, PhD, MBA, US GOV
Philadelphia, PA
LANAP® Clinician since 2013

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**“Only FDA clearance for True Bone Regeneration with independent, peer-reviewed scientific data. Full-mouth True Bone Regeneration”**

*“Don’t wait!” — Todd Sheffler, DDS, Concord, NH*