

**Enhanced Patient Comfort.
Faster Healing.**



Soft Tissue Lasers

Why Laser Dentistry?

Lasers cut, cauterize, coagulate and sterilize.

Dental professionals who use lasers perform more procedures, in less time, with better results than those using traditional methods. Their patients also benefit from faster treatment with less overall discomfort.

Clinician Benefit:

- Incremental revenue through additional procedures
- Increased patient acceptance
- Generate patient referrals

Production Efficiency:

- Improved access and field-of-vision
- Decreased treatment time in many cases
- Reduced impression retakes

Patient Comfort:

- Healthier approach to tissue management as compared to a scalpel or electrosurge
- Minimal need for anesthesia
- Reduction in post-operative discomfort

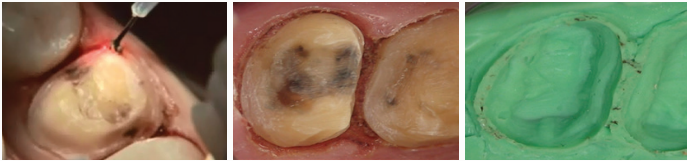
Comparison Chart: Laser vs. Traditional Methods

Benefits	Clinician's Choice Diode Lasers	Scalpel	Electrocautery
Efficient and effective soft tissue removal	✓	✓	✓
Excellent hemostasis	✓	X	✓
Safe around implants	✓	✓	X
Typically requires no anesthesia	✓	X	X
Reduced post-operative pain	✓	X	X
Reduced swelling and discomfort	✓	X	X
No periodontal pack or suturing required	✓	X	X



General Dentistry

Compared to traditional methods and surgical devices such as electrocautery, a laser is gentler, more predictable, and may require minimal anesthetic. Diode lasers cut with a very small zone of necrosis, allowing you to perform a wide array of soft tissue procedures with little to no discomfort, no fear of gingival recession, and rapid healing. Immediate hemostasis in most cases is another added benefit.



Laser Troughing

Power: 1.0 watts | Mode: Continuous | Tip: Initiated

By using the Bluewave diode laser, practitioners are able to obtain bloodless impressions with clearly exposed margins within seconds, eliminating the need to pack cord. Lasing improves visualization of prepared crown margins and aids in hemostasis, resulting in a more accurate impression.



Class V Restoration

Power: 1.0-1.2 watts | Mode: Continuous | Tip: Initiated

Diode lasers provide the practitioner with clear and uncontaminated access to restore Class V defects. The technique employs a non-surgical approach for ablation of diseased epithelium at the gingival margins and provides excellent hemorrhage control.



Gingivectomy

Power: 1.0 watts | Mode: Continuous | Tip: Initiated

Removal of hyperplastic tissue can be done quickly and effectively without the use of sutures or scalpels. Final impressions for restorations can be completed in the same appointment, leading to predictable results with no additional patient discomfort.



Hyperplasia

Power: 1.2 watts | Mode: Continuous | Tip: Initiated

Precisely and effectively remove the pseudo-pockets and perform gingival contouring to improve esthetics and oral hygiene, with minimal anesthesia, discomfort or bleeding by using a diode laser. This saves time and money with no need to refer out to a cosmetic dentist or oral surgeon.



Esthetic Recontouring

Power: 1.0 watts | Mode: Continuous | Tip: Initiated

Remove excess gingival tissue easily with the use of a diode laser. Common gingival esthetic problems such as excessive gingival display or asymmetrical contours are corrected quickly and painlessly with minimal healing time.



Frenectomy

Power: 1.2 watts | Mode: Continuous | Tip: Initiated

Bloodless and suture-free release of the maxillary or mandibular frenums can be performed with a diode laser. A frenectomy prevents the need for future grafting by stopping the migration of gingival tissue, improving access for oral hygiene, as well as correcting speech impediments.



Implant Recovery

Power: 1.2 watts | Mode: Continuous | Tip: Initiated

A diode laser allows for quick, easy, and safe removal of excessive gingival tissue around the implant that might otherwise interfere with proper seating at the implant/retainer, making it more stable. Unlike electrosurgery, there is no fear of sparking or heat transferring to the implant which could cause it to fail over time.



Destruction of a Lesion

Power: 1.2 watts | Mode: Continuous | Tip: Initiated

A diode laser used for lesion destruction has several advantages over the scalpel. A diode laser will obtain good hemostasis, a bloodless field, and allow for faster healing while reducing the risk of infection.

Periodontal/Hygiene Applications

Dental Hygienists can incorporate soft tissue diode laser therapy in combination with scaling and root planing in periodontal pockets.*

A diode laser is absorbed well by melanin, hemoglobin, and other chromophores present in periodontal disease. This allows for a non-surgical approach to gain easier access to deeper calculus deposits after ablation of diseased epithelium and hemorrhage control.

Laser-assisted periodontal therapy (LAPT) can be used as an adjunct to traditional scaling and root planing. Laser energy selectively targets only darker, necrotic tissue and leaves healthy tissue alone, allowing for better healing and results. Dental Hygienists can also perform various procedures depending on state law with a non-initiated tip such as biostimulation to aid in the healing of aphthous ulcers, herpetic lesions, cold sores, desensitization, and Laser Bacterial Reduction (LBR).

*Refer to State Dental/Hygiene Board for local laws.



Laser Bacterial Reduction (LBR)

Power: 0.8-1.0 watts | Mode: Pulsed | Tip: Non-Initiated

Before any routine cleaning it may be warranted to use a laser to eliminate bacteria from the periodontal pocket. By using laser bacterial reduction techniques, you can prevent cross-contamination in the mouth and help encourage healthy reattachment of the gum tissue.

Sulcular Debridement

Power: 0.8 - 1.0 watts | Mode: Continuous | Tip: Non-initiated (to begin). Then, initiated to remove diseased tissue.

A diode laser can be used to selectively remove diseased epithelium without harm to the healthy tissue, allowing the healthy tissue to regenerate. In some cases, pocket depths can be reduced from <6 mm to pockets of 2-3 mm depth.

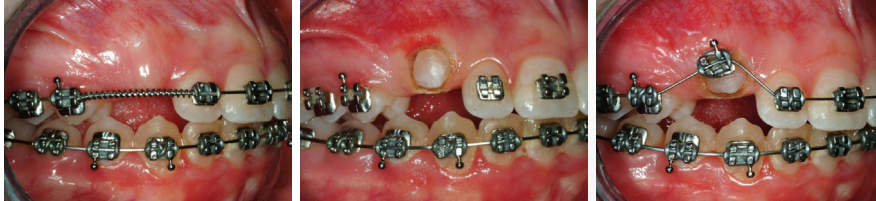
Desensitization

Power: 0.9 watts | Mode: Pulsed | Tip: Non-Initiated

A thin layer of fluoride can be applied to the sensitive area, using a diode laser to perform biostimulation therapy. Occlude the varnish into the dentinal tubules to reduce dentinal sensitivity for up to 1 year.

Specialty/Surgical Applications

Specialists and surgeons have unique patient needs. Some examples include short clinical crowns which do not allow for proper bracket placement, delays in eruption of teeth, and uneven gingival margins. Unlike an electrosurge, diode lasers are safe to use around metal brackets and implants. These techniques provide a bloodless, dry field with little to no need for local anesthesia and minimal patient discomfort.



Cuspid Exposure

Power: 1.0 watts | Mode: Continuous | Tip: Initiated

A diode laser can easily remove tissue and provide instant access for bracket attachment. The procedure is fast and painless, resulting in a dry field that is ready for immediate bracket/button attachment, eliminating the need to wait months for passive eruption.



Operculectomy

Power: 1.5 watts | Mode: Continuous | Tip: Initiated

A diode laser allows for easy removal of redundant soft tissue distal to posterior molars. The chronic recurrence of pericoronitis, significant periodontal probing depths or pseudo pockets can be easily managed with this procedure.

NV[®] PRO3 Microlaser Soft Tissue Diode Laser

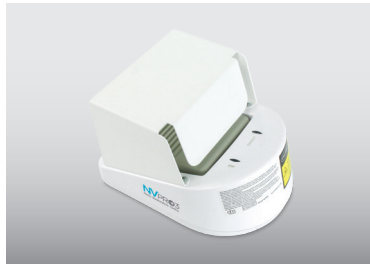
For nearly a decade, the NV[®] Microlaser has set the bar for convenience, portability and ease of use among all dental soft tissue diode lasers. The next-generation NV PRO3 Microlaser continues that award-winning tradition with many functional improvements. Optimized for all of your periodontal, restorative, and orthodontic procedural needs, the latest evolution in cordless soft tissue lasers enables you to deliver the benefits of laser dentistry to each patient, while increasing practice production across all departments.

- Lightest-weight wireless soft tissue diode laser on the market, weighing less than a standard drill.
- Plug-and-play system with 12 preset procedures for all periodontal, restorative, and orthodontic needs.
- 20 minutes of continuous operation at 1.2 watts of power, enough for more than 15 procedures before changing batteries.
- 2 watts of maximum power on continuous wave or pulse mode.





Easy-to-Use Controls



Wireless Foot Pedal
with Safety Shroud



Rechargeable
Lithium-ion Batteries



Low-Profile Base Charger



Disposable Fiber Tips
Available in 5 mm and 7 mm



Ergonomic Handpiece

Specifications:

- Weight: 1.9 ounces
- Laser classification: Class IV laser device
- Delivery system: optical fiber
- Wavelength: laser 808 nm \pm 5 nm
- Maximum power: 2 watts \pm 20%
- Audible notification: yes
- 20-minute continuous lasing time @ 1.2 watts: 8-hour standby time
- 1-year warranty

Kit Contents:

- NV PRO3 Microlaser unit
- Lithium-ion batteries (2)
- Wireless foot pedal
- AA batteries for the foot pedal (2)
- Base charger
- Power supply
- Disposable tips — 5 mm (5); 7 mm (5)
- Safety glasses (3)
- Initiating film
- User manual
- **FREE online training course**



Bluewave™

Soft Tissue Diode Laser

The Bluewave™ Soft Tissue Diode Laser is a minimally invasive technology that can be integrated into any practice. Laser dentistry creates a more comfortable patient experience and results in faster patient healing.

- **Easy to Use:** With simple controls and a magnetic handpiece, the Bluewave offers easy integration and increased efficiency.
- **Versatility & Value:** The Bluewave can perform all standard surgical soft tissue and hygiene therapy procedures at an affordable price point.
- **Portable & Durable:** The portable 5W Bluewave laser is easy to move between operatories and provides up to 3 hours of continuous use with a full charge.

Lithium-ion rechargeable battery
with over 3 hours of continuous use on every charge

Pre-programmed settings
for enhanced procedural efficiency

Ergonomic handpiece
curved design for greater comfort and less strain

Disposable tips
(4 mm and 9.5 mm) easily placed and removed

Blue aiming beam
for enhanced contrast and visibility

Wireless foot pedal
for true portability and mobility



Specifications:

- Weight: 2.55 lbs
- Laser classification: Class IV laser device
- Delivery system: optical fiber
- Wavelength: laser 808 nm ± 5 nm
- Maximum power: 5 watts ± 20%
- Audible notification: yes
- 3-hour continuous lasing time @ 1.2 watts
- 2-year warranty

Kit Contents:

- 444000
- Power supply
 - Wireless foot pedal
 - AA batteries for the foot pedal x 3
 - Single-use diode laser sleeves for handpiece x 25
 - Disposable tips — 4 mm x 5
 - Safety glasses x 3
 - Initiating film
 - User manual
 - **FREE online training course**

Laser Accessories

Clinician's Choice uses the highest quality components and fibers in its lasers and accessories. All accessories are designed to allow you to safely and effectively use your laser to its full potential.

810 Diode Laser Safety Glasses

444004

Polycarbonate eye protection that's easy to wear and hard coated against scratches, converging protection with comfort and style. (OD>10 at 808nm)



Bluewave Diode Laser Disposable 4 mm Tips

Standard — 4 mm
25-pk. 444006

Single-use, disposable tips are pre-scored and pre-stripped to virtually eliminate set-up time.



Bluewave Diode Laser Disposable 9.5 mm Tips

Periodontal — 9.5 mm
25-pk. 444007

Longer length fiber tip is better suited for laser assisted periodontal therapy.



NVPRO3 Diode Laser Disposable 5 mm Tips

Standard — 5 mm
25-pk. ZLR1012A

Single-use, disposable magnetic tips are pre-scored and pre-stripped to virtually eliminate set-up time. Precisely placed magnets perfectly align and secure the pre-threaded fiber every time.



NVPRO3 Diode Laser Disposable 7 mm Tips

Periodontal — 7 mm
25-pk. ZLR1013A

Longer length fiber tip is better suited for laser-assisted periodontal therapy.



NVPRO3 Diode Laser Lithium-ion Battery

Standard — 5 mm
ZLR3010

Each fully rechargeable battery provides up to 20 minutes of continuous operation at 1.2 watts of power — enough for an average of 15 procedures in the continuous wave mode. Standby time is over 8 hours!



Initiating Film

ZLR1020

AccuFilm II articulating papers are one of the best solutions to trigger hemoglobin absorption towards the optical fiber tip.



Complimentary Online CE

Included with your laser purchase, you receive two online training courses — a \$550 value!

Basic Diode Course

6 CE Credits

This Introduction to Basic Laser Science will encompass scientific principles and a wide range of clinical applications. This program covers all of the soft tissue spatial dynamics necessary in the utilizing Diode technologies. A thorough knowledge of the hemostatic and activated tip dynamics for surgical use of diodes is presented in great depth.

Course Topics include:

Module 1: Basic laser physics

Module 2: Soft tissue surgical techniques and broad/diverse case selection

AND/OR

Diode Hygiene Course

6 CE Credits

This course provides information for both Dentists and Dental Hygienists. Soft tissue spatial tissue dynamics are covered in great depth. The program demonstrates how to use the diode laser for both surgical procedures and laser assisted perio therapies. Use of activated and non-activated tips are thoroughly covered. Baseline parameters for perio assisted laser procedures and protocols are an integral part of this program.

Course Topics include:

Module 1: Basic laser physics and periodontal microbiology

Module 2: Periodontal applications and hygiene-focused case selection

Additional details on CE Certification, staff training and hands-on course offerings are available at www.gloheducation.com



Global Laser Oral Health, LLC
Online Accredited Dental Laser Proficiency



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Experience Bluewave™ for yourself

Scan the QR code to request an in-office demonstration for you and your team

