

# Light the Way to Surgical Accuracy



**Bluewave™**  
Soft Tissue Diode Laser

# 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

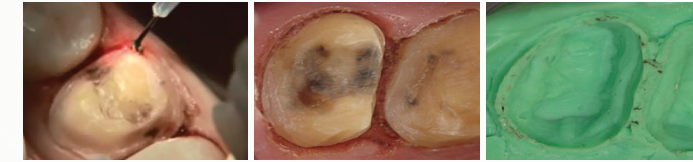
### Comparison Chart: Laser vs. Traditional Methods

Benefits	Bluewave Diode Laser	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 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 and herpetic lesions.

\*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 watts | Mode: Continuous | Tip: Non-Initiated

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: Continuous | 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.

# Bluewave™

## Soft Tissue Diode Laser

The **Bluewave™** Soft Tissue Diode Laser lets you perform many soft tissue procedures with virtually no bleeding, pain, post-operative swelling or discomfort. This powerful 5W laser is completely portable, allowing for over three hours of use on its rechargeable lithium-ion battery. Ideal as a surgical instrument or for non-invasive laser-assisted periodontal and hygiene therapy — the **Bluewave** is a versatile and intuitive instrument for your every need. It features three pre-programmed settings (debride, perio, and cut) and one custom setting. Its blue guiding light produces higher contrast on oral tissues and blood than the traditional red beam, for increased surgical accuracy and efficiency. The **Bluewave** is an inexpensive, versatile, easy-to-use diode laser that's suitable for your entire team.

**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**  
(4mm and 9.5mm) 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

### Bluewave Soft Tissue Diode Laser:

791-0668

- 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.

### Bluewave 810 Diode Laser Safety Glasses

791-0674

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 4mm Tips

Standard — 4mm  
25-pk. 791-0676

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



### Bluewave Diode Laser Disposable 9.5mm Tips

Periodontal — 9.5mm  
25-pk. 791-0678

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



### CDT Codes & Fees

#### FDA Indications for Common Laser Procedures

Procedure	CDT Code*	Estimated Fee	What is Your Monthly Average?
Gingivectomy — Perio	D4211	\$250	
Gingivectomy — Restorative	D4212	\$175	
Frenectomy	D7960	\$450	
Operculectomy	D7971	\$275	
Cuspid Exposure	D7280	\$275	
Biopsy	D7286	\$250	
Laser Bacterial Reduction (LBR)	D4999	\$50	
Aphthous Ulcer	D9110	\$50	
Destruction of a Lesion	D7465	\$245	
Desensitization	D9910	\$50	

\*Codes subject to change. Contact the ADA for updates and changes.

# Complimentary Online CE

Included with your Bluewave™ 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

---

## Hygiene Diode 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](http://www.gloheducation.com)



Global Laser Oral Health, LLC  
Online Accredited Dental Laser Proficiency



ASDOH is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. ASDOH designates this activity for 12 continuing education credits.



Experience Bluewave™ for yourself

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

