stomdevice



Soft-Tissue Lasers

DenMat

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



Lasers have revolutionized the way

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.*

*Data on file.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

doctors and dental professionals provide care.

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-op discomfort

Comparison Chart: Laser vs. Traditional Methods

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

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

General Dentistry

Compared to traditional methods and surgical devices such as electrocautery, a laser is gentler, more predictable, and often times will not require local 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.



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

Laser Troughing

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

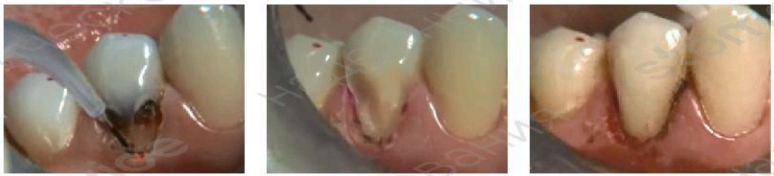
By using a DenMat diode laser, practitioners are able to obtain bloodless impressions with clearly exposed margins within seconds, eliminating the need to pack cord. Lasing improves visualization of prepared crown margins and aids in hemostasis so crowns and bridges are sure to fit properly every time.



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.



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.



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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.



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 or annoyance.



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, all without local 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.

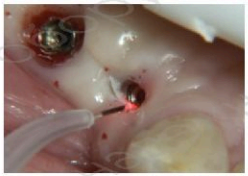


https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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 other methods, 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.





https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

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 other various procedures depending on state law with a non-initiated tip such as biostimulation to aid in the healing of things like apthous ulcers.



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

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

Specialty/Surgical Applications

Specialists and surgeons have unique patient needs. Some examples include short 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.



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

Cuspid Exposure

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

A diode laser can easily remove tissue and provide instant access for bracket attachment without the need for local anesthesia. 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 pericornitis, significant periodontal probing depths or pseudo pockets can be easily managed with this procedure.



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

NV PRO3 Microlaser

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
- 30 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



NV PRO3
Perio · Restorative · Ortho

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



Easy-to-Use Controls



Wireless Foot Pedal with Safety Shroud



Low-Profile Base Charger



Disposable Fiber Tips Available in 5 mm and 7 mm



Rechargeable Lithium-ion Batteries



Ergonomic Handpiece

Specifications:

- Weight: 1.9 ounces
- Laser classification: class IV laser device
- Delivery system: optical fiber
- Wavelength: laser 808 nm ± 5 nm
- Maximum power: 2 watts ± 20%
- Audible notification: yes
- 30-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**

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

SOL Desktop Laser

The SOL laser delivers true portability, power and precision, along with enhanced ergonomics, a simple interface, and a high-contrast aiming beam designed to make laser dentistry easier than ever. The SOL is an inexpensive, non-intimidating diode laser that the entire team can use.

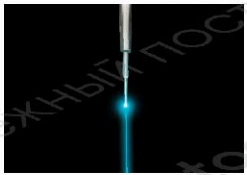
- 3 easy-to-use presets and 1 custom setting to address all of your unique needs
- Move easily between operatories with over 3 hours of lasing time on every charge
- Tip sizes for all standard and periodontal procedures, priced at less than $7 per application
- 3 watts maximum power on continuous wave, and 5 watts maximum power on pulse mode, delivering more than enough power for any soft-tissue need



SOL Power of light

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



Visibility



Wireless Foot Pedal



Battery Powered



Simplicity



Ergonomic Handpiece



Disposable Tips
Available in 4 mm and 9 mm

Specifications:

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

Kit Contents:

- SOL desktop laser unit
- Power supply
- Wireless foot pedal
- AA batteries for the foot pedal (3)
- Single-use diode laser sheaths for handpiece (25)
- Disposable tips — 4 mm (5)
- Safety glasses (3)
- Initiating film
- User manual
- **FREE online training course**

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

Laser Accessories

DenMat 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.



Laser Eyewear
(LR1008)

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



PeriOptix® PeriVista Laser Loupe Insert
(F-P-A-SY)

Full-spectrum clip-on laser loupe insert designed for the PeriVista frame.



Clip-on Insert
(OD>10 at 808nm)

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ



NV PRO3 Diode Laser Disposable 5 mm Tips
Standard — 5 mm
(ZLR1012A) 25 pk.

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.



NV PRO3 Diode Laser Disposable 7 mm Tips
Periodontal — 7 mm
(ZLR1013A) 25 pk.

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



NV PRO3 Diode Laser Lithium-ion Battery
(ZLR3010)

Each fully rechargeable battery provides up to 30 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!



SOL Diode Laser Disposable 4 mm Tips
Standard — 4 mm, 400 um
(033980028-0) 25 pk.

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



SOL Diode Laser Disposable 9 mm Tips
Periodontal — 9 mm, 300 um
(LR1010) 25 pk.

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



Initiating Film
(ZLR1020)

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

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

Complimentary Online CE

4 CE CREDITS

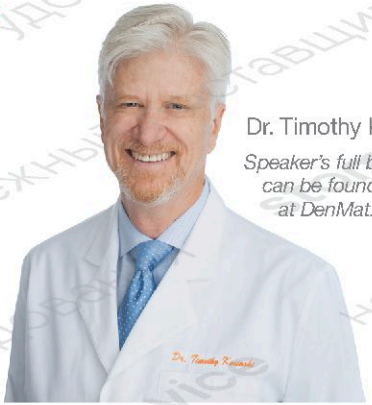
Included with your DenMat laser purchase, you receive access to a comprehensive 5-module diode laser certificate program — a $195 value!

Introduction to Lasers and their Clinical Use in Dentistry

Course Topics Include:

Module 1: Laser Basics
Module 2: Laser Safety
Module 3: Laser Regulations
Module 4: Benefits of Laser Use
Module 5: Laser Clinical Applications

Method: Online Lecture



Dr. Timothy Kosinski

Speaker's full biography can be found online at DenMat.com.

ADA C·E·R·P® | Continuing Education Recognition Program

DenMat Education 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. DenMat designates this activity for 4 continuing education credits.

PACE ACADEMY of GENERAL DENTISTRY PROGRAM APPROVAL FOR CONTINUING EDUCATION

DenMat Education is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing education programs of this program provider are accepted by AGD for Fellowship, Mastership and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement. The current term of approval extends from 8/1/2020 to 7/30/2024. AGD Provider ID 218048

dm DenMat EDUCATION

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

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.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

NVPRO3
Perio · Restorative · Ortho

SOL®
Power of light

Contact your local DenMat representative for more information.

800-433-6628
denmat.com

DenMat

©2021 Den-Mat Holdings, LLC. All rights reserved.

821275920 R:2 08/21CM

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ