

elexxion claros®

The strongest dental laser since 2002

elexxion claros® – for real pros

Tried and tested in tough, everyday practical applications.
With indication-based touchscreen and one-of-a-kind range of applications.



Diode	50 Watt Max. application power	20.000 Hz puls rate	808 nm Diode
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DPL
TECHNOLOGY INSIDE

Image subject to model

elexxion
dental laser

SNORE3

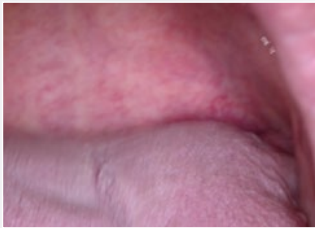
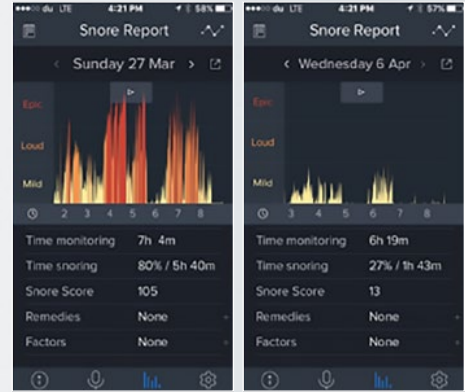
Ready

Contact-free, pain-free **anti-snoring therapy**

Benefits:

- Safe laser treatment
- No anaesthesia
- No pain
- No scars
- Only 3 treatments of 20 minutes each
- Maximum success rate after thorough preliminary examination

Additional information is available at www.snore3.com



Initial situation



Change after 1 week



Change after 2 weeks



Change after 3 weeks

Depigmentation

This treatment involves contact-free irradiation of the gums. Little to no anaesthesia is required.



Initial situation



1 week after treatment



Follow-up after 14 months

Developed for daily use and the highest standards:

elexxion claros® – the top performer

Therapeutic diversity meets performance: elexxion claros®

With up to 50 watts of power and a variable pulse rate of up to 20,000 Hz, this diode laser is one of the fastest and most powerful currently available. The tried-and-tested wavelength of 808 nm has proved its capability in numerous clinical studies. The diode laser works at low penetration depths with excellent tissue preservation and is exemplary in every respect. It achieves first-class results in all indications: www.elexxion.com/download-en

- Precise, fast surgery
- Low pain and no bleeding
- Peri-implantitis
- Periodontitis
- **SNORE3** (anti-snoring therapy)
- Contact-free depigmentation of the gum
- Photodynamic therapy with **perio green®**
- Bleaching with **odobleach®**
- Biomodulation

Plus: more than 25 biomodulation indications

In addition, the **elexxion claros** offers more than 25 scientifically verified indications for biomodulation, such as:

- Aphthae
- Post-extraction pain
- Herpes labialis
- Temporomandibular joint disorders
- Suppress gag reflex, and many more

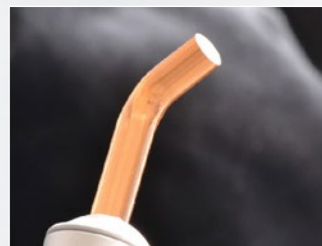
The biomodulation function expands the range of potential applications and creates additional opportunities to increase revenues because this function can also be used by practice staff.



Initial situation



Status after 9 days and 3 treatments



As an option, elexxion offers the **DP handpiece*** and the new book "Atlas of Laser Therapy" of the Professors Alberico and Stefano Benedicenti.

* DP= duration power

The touchscreen: user-optimised

The first thing you notice on the **elexxion claros** is the large touchscreen, co-designed by experienced users. A single touch of the monitor is all it takes, and the user has pre-loaded programs for all possible indications. Importantly, the new software enables users to make extremely precise output modifications effortlessly for each indication. This saves time and makes dosing even safer. The **elexxion claros** assists with invoicing thanks to its integrated fee calculator.

Ergoflex plus handpiece with 360° rotation

The ergonomically shaped handpiece is sterilisable and enables safe, controlled operation. Ergoflex plus means a single handpiece for all applications, with application fibres of four different strengths and individually adjustable lengths. With its sterilisable and re-usable fibres, the complete application system corresponds to current **RKI guidelines**.

Pulse technology: patented and one-of-a-kind!

The extremely short pulse duration of 2.5 µs* prevents unwanted thermal damage to the tissue. The high 50 watt pulse output enables extremely fast cutting speed, opening new therapies such as **SNORE3** and contact-free depigmentation.

*2,5 µs = 0,0000025 seconds

odobleach: for a gleaming white smile

Bleaching is a service that more and more patients are requesting – and, as a private service, one for which they pay extra, too. With the **elexxion claros** bleaching becomes laser power bleaching. This means: rapid, permanent success and happy patients.

Photodynamic therapy with perio green® Please delegate

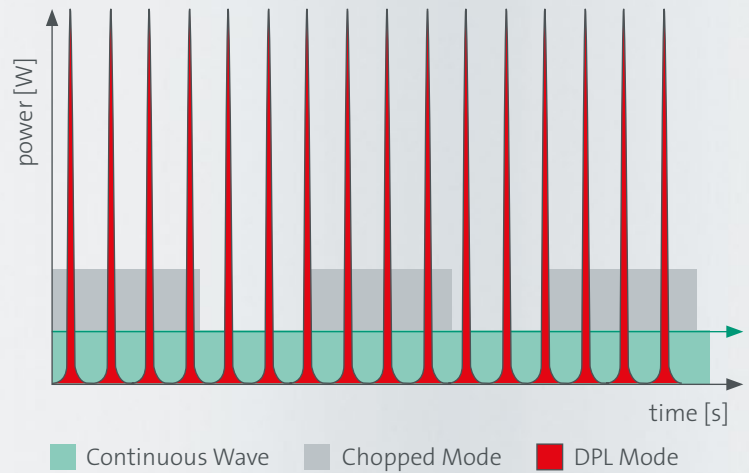
perio green® is the next generation of therapy for periodontitis and peri-implantitis. It is extremely light-sensitive and attaches to plasma proteins only. This medical product becomes effective only after activation with an 808 nm laser. The localised, pain-free increase in temperature kills the stained bacteria. (Additional information: www.periogreen.com)



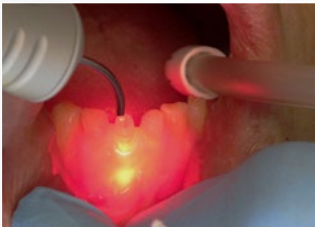
DPL* makes the elnexion laser unique

- Highest pulse power variability: in pulse energy, pulse width and pulse duration
- Highest efficiency
- No bleeding
- Little to no pain
- Fast, clearly laid-out work
- Absolute safety with the applications
- Control of energy
- No carbonisation

* DP = digital pulsed, diode pumped, duration power



Decontamination of root canals and dentin tubules



Pocket bacterial reduction



During surgery

Immediately after surgery

Removal of the fibroma:

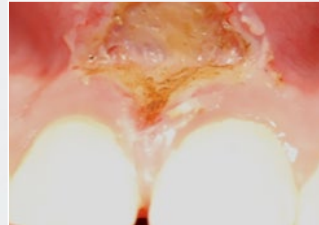


Initial situation

After surgery

8 days after surgery

Frenectomy:



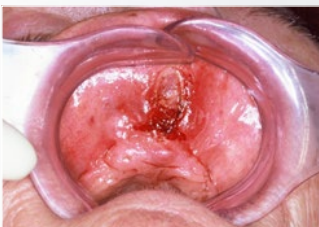
Initial situation

During surgery

After surgery

5 days after surgery

Irritation fibroma:



Irritation fibroma

Immediately after removal

Simultaneous vestibuloplasty

New prosthetic bed after 7 days

Credits: with laser knowledge

We also offer the legally-mandated training for laser safety officer online as an eLearning tool in German. In addition, we offer various application training classes to build your laser knowledge.



www.elexxion.com/calender-of-events

We begin training with a user report from an experienced laser specialist dealing with indications, clinical benefits, and efficient integration of laser therapy into the private practice workflow. The training continues with live surgery and follow-up hands-on training under the direction of an experienced specialist. The seminar provides continuing education credits.



Technische Daten:

Class 4 dental laser

Wavelength: 808 nm +/- 10 nm

Max. application power: 50 W at peak

Pulse rate: CW to max. 20.000 Hz

Pulse duration: 2,5 µs - CW

Target beam: red (635 nm +/- 5 nm < 1 mW)

Dimensions: H 85 cm, W 40 cm, D 50 cm

Weight: 35kg

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