Technology4Medicine

LIGHTWALKER
All Tissue, Er:YAG & Nd:YAG Combo

A New Force For Your Practice
The LightWalker models AT and DT come standard with dentistry’s two Superior laser wavelengths: Er:YAG and Nd:YAG for no-compromise dentistry, all at the touch of the screen.

Universal Laser System; no gimmicks, a true dual wavelength system

It is a well-established fact that different dental procedures require different laser wavelengths. Wavelength is important because specific body tissues interact in different ways depending on the particular laser source. With the choice of two complementary wavelengths (in terms of their effect on tissues) LightWalker is the “universal” laser. Practically all laser-assisted dental treatments can be performed with either the most highly absorbed Er:YAG laser wavelength or the selectively absorbed, deeper penetrating Nd:YAG laser wavelength.

TwinLight™ Treatment Concept

The combination of the two encompassing, proven wavelengths in one laser system, enables practitioners to perform not only single-wavelength but also dual-wavelength (TwinLight™) treatments. Utilizing both wavelengths in a treatment makes optimum use of the unique laser-tissue interaction characteristics of each wavelength. For example, Nd:YAG laser energy is superior for coagulation and deep disinfection and stimulation, while Er:YAG is uniquely efficient at ablating hard and soft tissues, and attacking bacteria and pathogens that lack pigmentation. Combined, they can dramatically improve the outcome of laser assisted treatments, with the ability to achieve impressive clinical results, with dramatically improved patient comfort.

Maximum Versatility

Scan The Barcodes with your smart phone QR code reader app to view

Class V Cavity Prep Er:YAG, R02 Tipless Handpiece

Class III cavity prep with the Er:YAG laser & the R02 tipless handpiece

Dual wavelength frenectomy using both the Nd:YAG & Er:YAG lasers

Er:YAG implant recovery uses both the R02 tipless & the R14 handpieces

No Compromises:
The Perfect Pair, Two Superior Wavelengths

Highest Power and Next Generation Pulse Control

The LightWalker, “gold standard” laser wavelengths feature microprocessor current control, with next generation photon amplification chambers that can dramatically outperform traditional dental lasers. LightWalker presets deliver the peak power, pulse shapes and durations that will take your dentistry to a new level, for both you and your patients.

Fast efficient cutting with unmatched patient comfort

LightWalker produces the speed you need for both hard and soft tissue. Now you can have patient comfort, better results, and the speed. Fast and comfortable laser cavity preps can really change your practice.

Precise tissue surgery with simultaneous disinfection

The selective absorption of the Nd:YAG laser in soft tissue results in precise tissue vaporization with simultaneous coagulation. Additionally, up to 1000x higher pulse power compared to other lasers, and engineered pulse shapes to provide superior disinfection.

Ablation speed: Er:YAG vs. high-speed drill and other lasers

Disinfection efficacy: Nd:YAG vs. other lasers
Easy-to-use touch screen
LightWalker has an intuitive, easy-to-use color touch screen with an adjustable tilt and 80 customizable presets which cover more than 40 different applications.

Easy access spray/heated water reservoir
Self contained, integrated spray water, making your laser system uniquely mobile and hassle-free. The container is conveniently located for easy refill access. Additionally, the water is heated to body temperature, avoiding cold sensitivity reactions during procedures.

Patented weightless OPTOflex arm (available with LightWalker AT)
LightWalker’s unique and patented OPTOflex Er:YAG articulated arm is perfectly balanced during use, making handpieces completely weightless in your hand. OPTOflex allows a full range of motion and a maximum degree of control as it makes maneuvering the handpiece much smoother, which improves treatment precision and ease.

Wireless footswitch (optional)
LightWalker also has a wireless footswitch which avoids unnecessary tangling of electric cables on your practice floor.

Convenience in Use

Titanium Technology
LightWalker uses advanced titanium handpieces which provide ultimate durability for constant handling and frequent sterilization.

Er:YAG
The tipped and tipless Er:YAG handpieces have an integrated air/water spray for additional patient comfort. The handpieces also have a quick disconnect system for greater convenience and easier sterilization.

Nd:YAG
The Nd:YAG handpieces are now more convenient than ever. With LightWalker AT you have two constantly available handpieces with two different fiber diameters at your disposal. What’s more, LightWalker AT has an automatic handpiece detection system which knows exactly which handpiece you have selected and automatically sets the appropriate laser parameters.

Ergonomic, Easy to Use Hand Pieces
Choice & Versatility, Giving You More Utility & Production

LightWalker is unsurpassed in real applications for today’s dentistry, and the true utility you demand for your practice now, and in the future. With high speed tipped and tipless handpieces your clinical options are greatly expanded beyond traditional dentistry. LightWalker offers the highest standard of dental treatment, and at the same time simplicity of use:

- Endodontics
- Periodontics
- Soft Tissue Surgery
- Aesthetic Treatments

Pretats for over 40 Different Applications

The LightWalker touchscreen offers a simple menu of pre-programmed laser treatments. You pick the treatment and the laser automatically sets your optimum starting parameters. With easy-to-follow protocols and touch-of-a-button treatment settings, you’ll be able to perform every dental procedure with confidence and high success rates, bringing in extra income to your practice along the way. You can even upgrade the AT model to perform aesthetic treatments such as wrinkle removal, hair removal, and skin rejuvenation (where permitted by local practice regulations).

Superior Clinical Results

Shorter and More Effective Treatments, AND more Procedures per Appointment

LightWalker procedures are typically shorter, easier to perform and more effective. Laser treatments are by nature, minimally invasive, and LightWalker takes this concept to a new level. This allows you the opportunity to raise your production and ROI without seeing more patients per day, or see more patients in the same time frame. It is a win-win for you, your patients and staff.

No Pain Laser Dentistry

Patient Comfort is a priority. Most cavity preps do not require anesthesia (injection) when performed properly with the LightWalker. Working with the LightWalker is less stressful for the patient because of fewer injections, and little or no pain and bleeding. The LightWalker is gentle and precise for cavity preparations and soft-tissue procedures. This means you can differentiate your practice with a dramatically better patient experience; less pain, and when no injection is needed, then no numb feeling after the procedure, AND, that can lead to many new referrals! Laser light allows you to work in a non-contact way and without the dreaded high speed drilling noise, which is far more comfortable for patients, especially children. LightWalker also allows you to achieve simultaneous disinfection and help avoid cross-contamination.
The Technology Inside

The development of LightWalker is based on Fotona’s 45 years of experience in laser technology. Fotona has more PhD engineers, PhD laser engineers, than any other dental laser company in the world. The result is technologically superior components, system design, reliability, and overall customer satisfaction. The LightWalker is the proud recipient of the 2011 Best in Class award.

Variable Square Pulse (VSP) Technology
Fotona’s VSP technology raises the bar for precision, speed, comfort, reliability and safety. Fotona’s next generation pulse shaping sets a new standard for dental laser performance, and makes the system ideal for more applications to make every day that much easier for today’s dentists. VSP ensures ultimate patient comfort in all your treatments and unrivaled ease-of-use.

Dual Energy Feedback Control
The laser system incorporates a sophisticated double channel safety structure for energy regulation which contributes to procedure safety. The laser output energy is constantly regulated by a signal from two energy meters.

Quantum Square Pulse (QSP)
QSP is another advancement which promotes conservative minimally invasive dentistry. QSP enhances efficiency, precision ablation, and provides a superior surface. Fotona’s patent pending QSP mode allow you to make beautiful quality preps, and a more professional, faster finish.

Tissue Effect Graphical Interface (TeGI)
The Tissue Effect Graphical Interface (TeGI) provides a graphical representation of the laser tissue effect, maximizing ease-of-use and shortening the learning curve.

Cavity Preparation With LightWalker Has Never Been Easier

“The LightWalker is a significant advancement in hard and soft tissue laser technology. It ablates soft tissue beautifully and cuts hard tissue faster, cleaner and with more control than any other erbium laser.”
Larry Kotlow, DDS - Pediatrics

For an excellent library of clinical photos visit T4Med.com.
Laser PHAST™ PIPS™ Protocol for More Effective Endo Treatments

Photo Activated Systems Technology, or PHAST™, is the scientific foundation for the Lightwalker Er:YAG and the basis for PIPS as well as other advanced clinical laser procedures.

What is PIPS™ (Photon Induced Photoacoustic Streaming) Laser Endo?
PIPS Laser Endo is an advanced and breakthrough PHAST™ method for cleaning and debriding the root canal system using Er:YAG laser energy at sub-ablative power levels.

How Does PIPS™ Laser Endo Work?
PHAST™ harnesses the power of the advanced Er:YAG laser during the PIPS™ procedure to create photoacoustic shock waves within the cleaning and debriding solutions introduced in the canal. The containment of the shockwaves thoroughly streams these solutions through the entire canal system, enhancing their effectiveness. The canals and subcanals are left clean and the dentinal tubules are free of smear layer. PIPS™ is equally effective for final water rinsing prior to obturation.

“...Welcome to the future of Dentistry!” - Chad Edwards, DDS

Perhaps the most significant endodontic advancement in decades. Available only with the LightWalker™ Er:YAG laser.

PHAST™ protocols for endo, including PIPS™ perform Effective Endo Treatments
5 canal molar, 3D fill with EndoRez, after using specially engineered laser tips.

The unique characteristics of the LightWalker Er:YAG laser energy cleans and debrides the canals and accessory canals, when following our prescribed protocol.

The LightWalker Er:YAG endodontic laser treatment goes beyond just cleaning the primary canals, it can also three dimensionally remove the smear layer and debride in and around the lateral canals.
Research shows that the Lightwalker Laser Endo is one of the most important endodontic breakthroughs in many years.

“We found that PIPS™ led to more negative samples, a tendency of greater reduction in bacterial contamination, and less bacterial mass contained in apical canal cross sections compared with ultrasonic activation and syringe irrigation.”


“This SEM study demonstrated the effective ability of an Er:YAG laser…. to clean and debride the root canal system. This laser system and the technique used appeared to have no thermal effects on the dentinal walls….. The dentin surface and its collagen and hydroxypatite matrices were essentially undisturbed and clean. The use of the laser utilized in this study appeared to enhance the removal of the smear layer from dentin tubules when used with EDTA for both 20 and 40 seconds.”


Laser technology used in endodontics in the last 20 years has undergone important developments…. Research in recent years has been directed towards producing technologies (impulses of reduced length, “radial firing and stripped” tips) and techniques (LAI and PIPS) that are able to simplify the use of laser in endodontics and minimize the undesirable thermal effects on the dentinal walls, using lower power in the presence of chemical irrigants. EDTA has proved to be the best solution for the LAI technique that activates the liquid and increments its chelating capacity and cleaning of the smear layer. The use of NaClO increases its decontamination activity. Finally, the PIPS technique reduces the thermal effects and exerts a potent cleaning and bactericidal action thanks to its streaming of fluids initiated by the photonic energy of the laser.”

G. Olivi, Crippa R, Iaria G, Kaiatsas V, DiVito E, Benedicenti S. Laser in endodontics (Part II), roots, 2_2011

G. Olivi, R. Crippa, G. Iaria, V. Kaiatsas, S. Benedicenti, E. DiVito, Laser in endodontics (Part I), roots, Jan 2011


E. DiVito, O. A. Peters, G. Olivi, Effectiveness of the erbium:YAG laser and new design radial and stripped tips in removing the smear layer after root canal instrumentation, Lasers in Medical Science, Volume 27, Issue 2, pp 273-280, 2012-03-01

Published Research
View Clinical Videos Online

Use your smart phone to read the QR codes next to the images below to see online demonstrations of the Lightwalker™ and its innovative capabilities.

- **Class V with Gingivectomy**
  - Er:YAG Laser & R02 Tipless Handpiece

- **Closed Flap Crown Lengthening & Soft Tissue Contouring**
  - Er:YAG Laser & R14 Tipped Handpiece

- **Wavelength-Optimized Periodontal Therapy**
  - Er:YAG & Nd:YAG Dual Wavelength Treatment

- **Class I Restoration, Removal of Composite**
  - Er:YAG Laser & R02 Tipless Handpiece

- **Implant Recovery**
  - Er:YAG Laser & R14 Tipped Handpiece

- **Lightwalker PIPS Laser Endo**
  - Effectively Cleaning the Root Canal System

- **Laser Endo 3D Streaming and Cleaning of the Root Canal System**
  - Er:YAG Laser & R14 Tipped Handpiece

- **Frenectomy Using Both the**
  - Er:YAG & Nd:YAG

- **Herpetic Lesion Laser Treatment**
  - Nd:YAG Laser, Defocused Non-Contact

- **PIPS Laser Endo & 3D Obturation**
  - Er:YAG Laser & R14 Tipped Handpiece

- **Veneer Removal**
  - Er:YAG Laser & R02 Tipless Handpiece

- **Troughing with the Nd:YAG Laser**
Perform New Advanced Periodontal Treatments
With the LightWalker, PhAST™ laser protocols ENdpX™ and WPT™; Erbium and Nd:YAG join forces

**PhAST™ protocols leverage the dramatic differences in selective absorption, specific target chromophores and tissue interaction of two very different lasers, all in one advanced system.** WPT™ and ENdpX™ team up and bring you a breakthrough, comprehensive ability to treat the challenging different facets of periodontal disease.

**What is ENdpX™?**
Erbium and Nd:YAG, periodontal Treatment (X). Two proven wavelengths with extremely different clinical and therapeutic abilities, are used in tandem to achieve new levels of success in the battle against periodontal disease and to protect your health.

**WPT™ is Wavelength-optimized Periodontal Therapy**
A minimally invasive method for treating periodontal disease utilizing Nd:YAG and Er:YAG laser energy with the specific refined capabilities of the LightWalker™ laser system.

**How Does it Work?**
Using the Photo Activated System Technology™ of the lightwalker, PhAST™, the minimally invasive work is performed, and the optimal conditions are created for the healing of the periodontal disease. The procedure includes the photo activated removal of the diseased epithelial lining, photo decontaminating, and simultaneously removal of the calculus from the root surface and leaving the pocket with a vital, stimulated and stable fibrin clot.

**What Makes The LightWalker™ Perfect For ENdpX™ and WPT™?**
The LightWalker™ is the only dental laser capable of delivering both Nd:YAG and Er:YAG laser energy for the efficient performance of advanced laser periodontal procedures. Combining both wavelengths in a single laser allows the clinician to quickly and conveniently switch between Er:YAG and Nd:YAG to easily perform the protocols. Laser PhAST™ procedures utilizing both wavelengths in a periodontal disease treatment protocol leverage the unique laser tissue interaction characteristics of each laser. For example, the LightWalker Nd:YAG laser energy is superior for coagulation, creating a stable fibrin clot, deep decontamination and stimulation, all important for effective treatment for moderate and advanced perio disease. Er:YAG is uniquely efficient for osseous surgery, or gently removing calculus from the root surface while decontaminating, or shaping and etching bone.

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The TouchWhite™ patent pending tooth whitening makes use of the fact that the Er:YAG laser wavelength has an absorption peak in water which is the major component of aqueous bleaching gels. This eliminates the need for any additional absorbing particles in the bleaching gels. More importantly, taking into account thermal burden considerations, the TouchWhite™ procedure represents the most effective and least invasive laser-assisted tooth whitening method possible.

Due to its high absorption in bleaching gels, the Er:YAG laser beam is fully absorbed in the gel and does not penetrate to the hard tissue or the pulp. All of the laser energy is thus effectively used for the heating of the gel. There is no direct heating of the dental tissue and the pulp, as is the case with other laser-assisted whitening methods. There is also no risk of accidentally damaging the hard dental tissue as the laser fluence of every laser pulse is set to be significantly below the ablation threshold for dental tissues.

As a consequence, the procedure can be performed with a minimal undesirable thermal burden on the tooth, and the tooth whitening speed can be safely increased by 5 – 10 times.

*At the time of printing, not available for US.
"I began using lasers in 2000, since then, I have invested in many different lasers across a multitude of wavelengths, and most recently in the LightWalker. My investment in lasers immediately made them a necessity when completing many soft and hard tissue procedures. The LightWalker is a significant advancement in hard and soft tissue laser technology. It ablates soft tissue beautifully and cuts hard tissue faster, cleaner and with more control than any other erbium laser. As a pediatric dentist, I want my patients to have the best care and as few post-surgical problems as possible and the LightWalker fulfills that need. Lasers are indeed the standard of care our patients should expect."

-Larry Kotlow, DDS - Pediatrics

"I lecture about laser surgery around the world. I use only the best technologies and those that increase the bottom line for my practice. I trust in the ability of Technology4Medicine to bring me those technologies. Their experience in laser dentistry is unmatched and the lasers they provide give me a great advantage in speed, control and results."


"I would highly recommend the LightWalker, its Durability and Mobility allow for wide range of daily tasks. The low maintenance especially is helpful for the daily work horse like myself, making it virtually self proficient. I specifically find the low drag and high efficiency delivery systems remarkable. Another great feature that is exceedingly convenient, is that it is comfortably quiet in its operation... the fan noise is typically loud in lasers. However, the most vital attribute is the LightWalker’s dual wavelength versatility to perform the full spectrum of laser dental procedures. I own several lasers and have found that overall, it is widely accepted and preferred by myself, staff and my patients."

- Dr. Scott R. Neish DMD

What Doctors are saying about LightWalker

"I have been using T4Med’s laser ends for over a year on most of my cases. Herb Schäfer stated that endodontic cases had the potential of 100% success minus X. The X factor being the complexity of the root canal system and the operator’s ability to manage the cleansing and shaping of that system. I believe that it enhances my ability to reduce this X factor to as close to 0 as is possible today. The Dual Wavelength LightWalker has also proven to be very valuable to my implant cases. Having both the Er:YAG and the Nd:YAG in one system is an important advancement which allows you to get more for your investment. I recommend this product without reservations."

-Bryan M. Beebe D.D.S. Endodontist, Sarasota, FL

Precision fast cutting, shaping and etching.

LightWalker hard tissue preparation and cutting.

"...Welcome to the future of Dentistry! ...

-Chad O. Edwards D.D.S.

LightWalker Model

<table>
<thead>
<tr>
<th>System</th>
<th>AT</th>
<th>DT</th>
<th>ST-E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>20 W</td>
<td>8 W</td>
<td>8 W</td>
</tr>
<tr>
<td>Energy</td>
<td>1500 mJ</td>
<td>500 mJ</td>
<td>500 mJ</td>
</tr>
<tr>
<td>Operational modes</td>
<td>MAX, QSP (50 to 120 µs), SSP (50 µs), MSP (100 µs), SP (100 µs), LD (100 µs), VLP (600 µs)</td>
<td>SSP (50 µs), MSP (100 µs), SP (100 µs), LD (100 µs), VLP (600 µs)</td>
<td>SSP (50 µs), MSP (100 µs), SP (100 µs), LD (100 µs), VLP (600 µs)</td>
</tr>
<tr>
<td>Optical delivery</td>
<td>OPTOflex</td>
<td>The Freedom Balance Articulated Arms</td>
<td>The Freedom Balance Articulated Arms</td>
</tr>
<tr>
<td>Power</td>
<td>15 W</td>
<td></td>
<td>n/a</td>
</tr>
<tr>
<td>Operational modes</td>
<td>MSP (100 µs), SP (180 µs), VLP (600 µs)</td>
<td>MSP (100 µs), SP (180 µs), VLP (600 µs)</td>
<td>n/a</td>
</tr>
<tr>
<td>Optical delivery</td>
<td>Dual fiber system</td>
<td>Single fiber system</td>
<td>n/a</td>
</tr>
</tbody>
</table>

AT models additionally include scanner-ready mode, automatic handpiece detection, quick-disconnect Er:YAG handpieces, advanceable Nd:YAG fiber feed handpieces, and heated water spray for enhanced patient comfort.

For more information visit www.t4med.com or contact us directly at info@t4med.com.
What Experts Are Saying

“A perfect combination of the finest top laser technology coupled with the most useful treatment wavelengths available for dentistry. I’ve been a hard and soft tissue laser dentist for many years utilizing a wide variety of wavelengths and delivery systems. It’s my experience that Tech4Med supports users with excellent training and customer service by knowledgeable and highly skilled personnel.”

-Ashley Goodman, DDS

Having utilized a Co2, 810, and 980 laser since 2004 I have found that lasers give me the ability to treat periodontal disease better than we were able to in the past and none are better than the Lightwalker and Xlase. Todays periodontist must be well versed in multiple wavelengths of lasers as an adjunct to traditional periodontal therapy. Having the right wavelengths is vital and the Lightwalker and Xlase serve that purpose.”

-Mark Cohen, DDS

I love presenting on leading topics and I am committed to providing the best for my patients. The new Lightwalker will provide any practice with an invaluable tool that will make your day easier, provide the best standard of care for your patients and increase production. In my opinion, this is a technology you can no longer afford to practice without.”

-Rick Cardoza, DDS
The right laser will make your day easier, and take your dentistry to a New Level

Thousands of dentists around the world use lasers everyday in their practices for many procedures, including:

- Cavity Preps without anesthesia: Fast, conservative, pain free cavity preps, treat multiple quads in one visit.
- Osseous Crown Lengthening: Flapless & suture free osseous crown lengthening.
- Laser Troughing: Packing retraction cord is often frustrating, unpredictable and time-consuming. Laser troughing can help you get clean, bloodless, high quality impressions the first time around.
- Laser Soft Tissue Crown Lengthening: Allows you to remove excess tissue without a scalpel, sutures or bleeding to obtain immediate impressions for crown and bridge procedures and cosmetic procedures. Typically there is less need for post operative pain medication making the procedure more comfortable for your patients.
- Laser Gingivectomy: Used for general cosmetic purposes and also for impressions for cosmetic and crown and bridge procedures. Excess tissue can be quickly and predictably contoured without bleeding, reduced post-operative pain and medications when compared to scalpsels and sutures.
- Gingivectomy for Class V Restorations: Can provide a bloodless, quick and easy method to access sub-gingival decay.
- Laser Implant Recovery: Allows you to perform fast, bloodless and safe removal of excessive gingival tissue around the implant prior to seating the implant.
- Laser Frenectomy: Allows for bloodless, scalpel and suture-free release of maxillary or mandibular frenums.

Return on Investment

Implementing a laser into your practice will expand the procedures you offer your patients while providing them with a higher quality of care and comfort. While your practice is unique, the following table demonstrates the significant positive financial impact a laser can have on your bottom line.

Sample laser ROI:

### General Practitioner

<table>
<thead>
<tr>
<th>Treatment</th>
<th>#</th>
<th>Per Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cavity Prep: treat multiple quads in one visit</td>
<td>4</td>
<td>$1,200.00</td>
</tr>
<tr>
<td>Time savings and savings on anesthesia</td>
<td></td>
<td>$1,000.00</td>
</tr>
<tr>
<td>Soft tissue procedures previously untreated Frenectomy Operculectomy Aphthous ulcer Herpetic lesion Fibroma removal</td>
<td>8</td>
<td>$2,500.00</td>
</tr>
<tr>
<td>Gingival Recountouring</td>
<td>8</td>
<td>$1,500.00</td>
</tr>
<tr>
<td>Osseous Crown Lengthening</td>
<td>5</td>
<td>$1,750.00</td>
</tr>
<tr>
<td>PhAST™ Endo Treatment</td>
<td>4</td>
<td>$4,800.00</td>
</tr>
<tr>
<td>Monthly increased revenue</td>
<td></td>
<td>$19,250.00</td>
</tr>
</tbody>
</table>

### Cosmetic Dentist

<table>
<thead>
<tr>
<th>Treatment</th>
<th>#</th>
<th>Per Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crown Lengthenings</td>
<td>6</td>
<td>$2,100.00</td>
</tr>
<tr>
<td>Gingival Recountouring</td>
<td>10</td>
<td>$1,900.00</td>
</tr>
<tr>
<td>Increased case acceptance of big-ticket cosmetic cases</td>
<td></td>
<td>$2,000.00</td>
</tr>
<tr>
<td>New patients</td>
<td>4</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>Time savings and savings on anesthesia</td>
<td></td>
<td>$1,000.00</td>
</tr>
<tr>
<td>Monthly increased revenue</td>
<td></td>
<td>$9,100.00</td>
</tr>
</tbody>
</table>

### Oral Surgery / Implants

<table>
<thead>
<tr>
<th>Treatment</th>
<th>#</th>
<th>Per Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>WPT Perio Treatment single site</td>
<td>15</td>
<td>$6,750.00</td>
</tr>
<tr>
<td>WPT Perio Treatment per quad</td>
<td>15</td>
<td>$1,200.00</td>
</tr>
<tr>
<td>Frenectomies</td>
<td>5</td>
<td>$1,250.00</td>
</tr>
<tr>
<td>Biopsies of fibromas and lipomas</td>
<td>5</td>
<td>$750.00</td>
</tr>
<tr>
<td>Osseous Surgery Incl Flap Closure</td>
<td>2</td>
<td>$1,100.00</td>
</tr>
<tr>
<td>Monthly increased revenue</td>
<td></td>
<td>$21,850.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Treatment</th>
<th>#</th>
<th>Per Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>WPT Perio Treatment single site</td>
<td>15</td>
<td>$6,750.00</td>
</tr>
<tr>
<td>WPT Perio Treatment per quad</td>
<td>15</td>
<td>$1,200.00</td>
</tr>
<tr>
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<td>5</td>
<td>$1,250.00</td>
</tr>
<tr>
<td>Biopsies of fibromas and lipomas</td>
<td>5</td>
<td>$750.00</td>
</tr>
<tr>
<td>Osseous Surgery Incl Flap Closure</td>
<td>2</td>
<td>$1,100.00</td>
</tr>
<tr>
<td>Monthly increased revenue</td>
<td></td>
<td>$21,850.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Treatment</th>
<th>#</th>
<th>Per Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Removal of Pathology Fibromas, hemangiomas hypertrophic tissue</td>
<td>8</td>
<td>$3,350.00</td>
</tr>
<tr>
<td>Perio-Implantitis</td>
<td>3</td>
<td>$1,350.00</td>
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<tr>
<td>Decontamination of implant site</td>
<td>15</td>
<td>$2,250.00</td>
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<tr>
<td>Excision of Hyperplastic Tissue/Arch</td>
<td>1</td>
<td>$620.00</td>
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<tr>
<td>Alveoplasty in Conjunction with Extraintractions/Quad</td>
<td>2</td>
<td>$380.00</td>
</tr>
<tr>
<td>Exposure of impacted or Un-erupted tooth</td>
<td>1</td>
<td>$370.00</td>
</tr>
<tr>
<td>Osseous Surgery Incl Flap Closure</td>
<td>2</td>
<td>$1,100.00</td>
</tr>
<tr>
<td>Monthly increased revenue</td>
<td></td>
<td>$11,270.00</td>
</tr>
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</table>
The Laser and Health Academy (LAHA®) is a not-for-profit organization dedicated to the promotion of research, education and publishing in the field of laser medicine.

Research: LAHA® collaborates with industry, medical professionals and universities on projects aimed at the development and improvement of laser applications.

Education: LAHA® serves as a platform for continuous education, with a focus on practical instruction and the demonstration of laser techniques and procedures, delivered through a variety of workshops and seminars by experienced lecturers.

Get the best support for your dental laser.

The Academy of Clinical Technology for Lasers is committed to ensuring that health care providers have the education and coaching needed to more fully integrate technology. Leading technologies are often under utilized, due primarily to ineffective, or lack of, training and mentoring. The ACT technology coaches are committed to providing you the opportunity to have a Personal Laser Coach, someone to be there for you, before and after your training sessions. It takes more than a course to truly adopt and utilize the technologies your practice and patients want. Technology will continue to advance medicine, and our goal is to ensure you are not left behind.

Be a leader with ACT.

"What an amazing two days! The format and the presentation was first rate..."

-Tim Robinson, DDS

"...they provided me with a tremendous amount of information as well as confidence that I am treating my patients with the best technology possible...."

-Scott Sadlon, DDS

Technology4Medicine continues to advance dentistry with the ever progressing capabilities of lasers and new photon technologies. The applications for photons in medicine and healthcare can, and must be applied to improve the quality of life. Lower cost, the reduced use of drugs, minimally invasive, non invasive treatments, reduced or eliminated pain, and faster recovery, are all benefits that photon technology have brought to healthcare. Photon technologies have just begun to realize their true potential in dentistry. The available laser wavelengths, laser mediums and characteristics continue to grow. This is great news for both the providers and the patients.

TECHNOLOGY4MEDICINE BRINGS MANY YEARS OF EXPERIENCE AND LEADERSHIP IN THE MEDICAL LASER MARKET

Principal and co-founder of Technology4Medicine, Jeffrey W. Jones, is the former CEO of Biolase (BIOL), former CEO of HGM Medical Lasers, founder of The World Clinical Laser Institute (WCLI), co-founder Academy of Clinical Laser Technology, (ACT), and serves on various medical organization boards. Jones and co-founder Keith Bateman have extensive industry experience in dentistry, ophthalmology, aesthetics, dermatology, ENT, general surgery and other medical fields. Dimas Garcia, VP and Clinical director, is a world leader in laser education, protocols and laser clinical training. Technology4Medicine’s professional staff includes the most talented and experienced people in the industry, all committed to help dentists and other medical practitioners achieve their personal, clinical and financial goals.

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Phone: 949.276.6650 Fax: 949.276.6651

Technology4Medicine, LLC is the exclusive laser dealer for Lares Research.

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