

Waterlase
express™



BIOLASE
Advancing Dentistry.

Introducing *Waterlase* *express*™



Meet Waterlase Express, the all-tissue laser that will change the way you practice dentistry. Waterlase has the power and simplicity to solve dental problems now, beyond expectation. The versatile and gentle combination of laser energy and water has the power to relieve dental anxiety at the source — for you, your team, and the patients you serve.

FOR YOUR PATIENTS

- ✦ Less fear and anxiety
- ✦ Quicker and more efficient visits
- ✦ Faster healing and recovery
- ✦ Retains more healthy tissue

FOR YOU AND YOUR TEAM

- ✦ More positive patient outcomes
- ✦ Increased production
- ✦ Reduced recalls, more chair time
- ✦ Fresh approach to “old” dentistry



Solve Dental Challenges Now, Beyond Expectation

Simple

- ✦ Step-by-step animations
- ✦ Easy tablet interface
- ✦ Procedures by category
- ✦ Fast daily set up

Supported

- ✦ Customer Care button for comprehensive help when needed
- ✦ Largest field service organization
- ✦ Remote system diagnosis for maximum uptime

Connected

- ✦ Connect with fellow laser users in multiple ways
- ✦ Access online training from the system
- ✦ Quick access to clinical mentors

Proven

- ✦ Uses patented 5th-generation Waterlase Er,Cr:YSGG laser engine
- ✦ More than 28.5 Million procedures performed with Waterlase technology
- ✦ Published research and case studies for many applications



Productive

- ✦ Solid value at an attractive price
- ✦ Manage clinical challenges faster
- ✦ Gain confidence with on-board clinical library

Smallest

- ✦ 50% smaller than Waterlase iPlus
- ✦ Only counter-top all-tissue laser

Patient Pleaser

It is estimated that as many as 75% of U.S. adults experience dental fear.¹ Waterlase Express has gentle, precise laser-and-water cutting technology for easy procedures your patients will love.

- ✦ Give your patients the best possible dental experience; less anesthetic and fewer shots
- ✦ Build stronger patient relationships with gentle laser care
- ✦ Reduce the hassle for patients and do more of their dentistry in your office
- ✦ Generate positive referrals and recommendations online and in your community

Problem Solver

Discover more excitement by replacing dated techniques with more efficient laser procedures. Experience rejuvenation with interesting new approaches.

- ✦ The essential chairside instrument for resolving clinical challenges
- ✦ Add new laser procedures to your practice to retain patients and attract new ones
- ✦ Generate new excitement for you and your team
- ✦ Help patients address oral health issues sooner

Practice Builder

Generate new streams of revenue and cash flow to help you build your practice with modern laser technology packed in a simple, accessible, table-top system.

- ✦ Dramatically reduce operatory setup and teardown — fewer instruments
- ✦ Swiftly manage and address any dental procedures discovered in the Hygiene department
- ✦ Smart investment with rapid return and value for the entire practice

Did you know? More than 200 years of laser expertise are built into every Waterlase Express laser!

BIOLASE teamed up with top all-tissue laser experts and contributors from around the world to develop the ideal laser for new all-tissue laser dentists. After two years and countless development sessions, their input combined with Waterlase technology to create a truly unique all-tissue laser.

“My whole philosophy is to offer the best care I possibly can, to always raise it to new standards. With the Waterlase, that was possible...”



Dr. Jose Aunon
Centreville, VA

“I was interested in branching out, keeping my practice vital, and keeping myself engaged. Waterlase has transformed me and equipped me with an amazing tool for managing the challenges that arise.”



Dr. John Blach,
Poplar Bluff, MO

“After we added the Waterlase, production went up 43% in the first six months and has never stopped growing. We now consistently do more in a day than the practice was doing in a month.”



Dr. Patrick Ruehle
Denton, TX

Innovation Made Easy

Waterlase Express offers the benefits of the most-used all-tissue laser technology — but makes it even simpler and more accessible for every type of dentist. You do not need to be a laser scientist to start changing dentistry in your practice with Waterlase Express. Tap a procedure, watch the step-by-step animation – and grab the opportunity to offer unique patient care, rejuvenate the practice, while generating a healthy ROI.

Vivid HD Tablet Interface

- ✦ Latest in tablet technology
- ✦ Familiar tablet and touch screen interface
- ✦ Regular updates and new content
(WiFi connection required)

Organized Workflows

- ✦ Procedures organized into clinical categories
- ✦ Intuitive radial interface design

Simple Laser Controls

- ✦ Adjust cutting power on the fly
- ✦ Simply slide the button left or right
- ✦ Basic user interface to accelerate learning

One-Touch Learning Center

- ✦ Access to best practices and expert advice
- ✦ Videos on maintenance and care
- ✦ Access to BIOLASE Connect™ online account

Onboard User Manual

- ✦ One touch access to laser instructions
- ✦ Great for staff training and retention
- ✦ Stay up to date with the latest content

Customer Care Button

- ✦ One tap to contact customer support
- ✦ Obtain clinical, technical or business assistance
- ✦ Remote troubleshooting (WiFi connection required)



Simulated screen.

Most Flexibility and Access

Waterlase Express has the lightest, most flexible fiber optic delivery system available. The strength of a titanium fiber cable and a patented contra-angle handpiece offers virtually zero resistance in your hand to help eliminate fatigue, so you can easily access any treatment site.



Wireless Foot Control

Waterlase Express is the smallest all-tissue laser ever developed – and it's also the first to feature a convenient wireless footswitch for easy integration into your existing operatories, or for easy portability throughout your practice.

Easy to Learn

Each clinical category on Waterlase Express has several procedure options. Tap the 'View Animation' button to see a real-time, HD, step-by-step animation of the procedure.

As you learn and gain experience with Waterlase, a simple slider control enables you to adjust the laser on the go for more or less power.



More Connected

Waterlase Express integrates with our new BIOLASE Connect™ system, which provides a direct link between your laser and support resources from BIOLASE. You will be able to receive automatic upgrades and updated clinical and educational content, as well as connect with fellow Express owners.

*(BIOLASE Connect functionality requires separate WiFi internet connection. Ask for regional availability.)

Portability You Want

Waterlase Express is the smallest, lightest all-tissue laser ever developed, ensuring it has easy and seamless fit into any operatory. With a sturdy handle for easy transport or two great cart options to choose from, Waterlase Express is the ultimate in portability and convenience for all-tissue lasers.



BIOLASE
Waterlase Express™
(67% smaller than
Waterlase iPlus)



BIOLASE
Waterlase iPlus®



Learn Laser Procedures Quickly

Waterlase Express is the perfect chairside companion for most clinical cases. With nearly 100 clinical presets and an innovative simple slider bar to increase or decrease cutting power; solving clinical challenges have never been as efficient or simple.

Simple, Fast Class V's



PRE-OP



IMMEDIATE POST-OP

Easy Gingival Troughing



Root Canal Therapy



INTRA-OP

Gingival Recontouring



PRE-OP



IMMEDIATE POST-OP

Implant Uncovering



PRE-OP



IMMEDIATE POST-OP

Pulpotomy



INTRA-OP

Maxillary and Lingual Frenectomies



PRE-OP



IMMEDIATE POST-OP

Osseous Crown Lengthening



PRE-OP



INTRA-OP



IMMEDIATE POST-OP

Fibromal Removal and Biopsy



PRE-OP



POST-OP

REPAIR Perio



PRE-OP



INTRA-OP

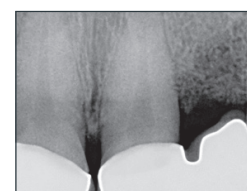
Laser Perio Protocols

REPAIRTM PERIODONTITIS PROTOCOL

- ★ Patient-preferred, minimally invasive, periodontal laser protocol
- ★ Treat site-specific or full-mouth cases for greater flexibility in treatment planning
- ★ Capable of gentle removal of subgingival calculus
- ★ Promotes cementum-mediated periodontal ligament new-attachment to the root surface in the absence of long junctional epithelium



BEFORE



12 MONTHS POST-OP

Case #1 – courtesy of Dr. Todd Jorgenson



Exclusive! Every Procedure Animated

Waterlase Express is the only laser to feature in-depth, step-by-step, 4K HD animations for every step of every procedure. No matter your level of expertise, from beginner to advanced user, the Waterlase Express animation library is a dazzling, informative training resource for as long as you own your Waterlase Express.



Restorative

- ✦ Cavity preparations
- ✦ Sub-gingival decay removal
- ✦ Troughing



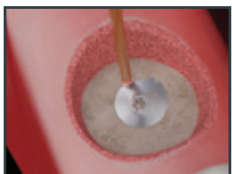
Soft Tissue

- ✦ Achieving hemostasis
- ✦ Frenectomy techniques
- ✦ Biopsies and lesions



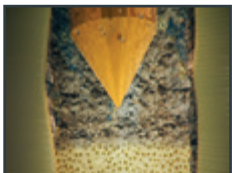
Perio

- ✦ REPAIR Perio protocol (all steps)
- ✦ Closed crown lengthening
- ✦ Flap surgery



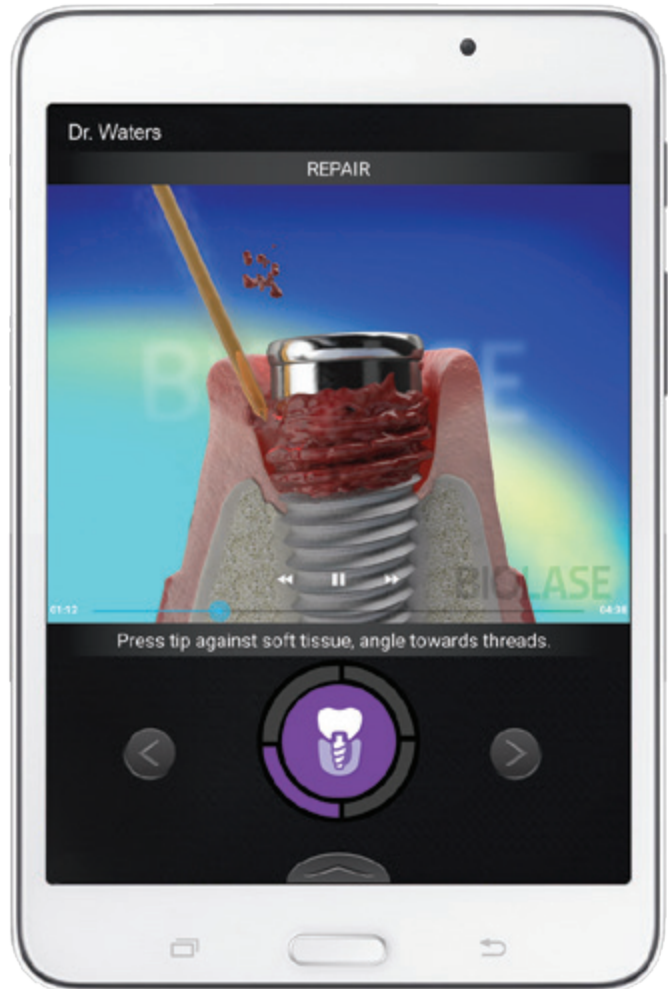
Implant

- ✦ REPAIR Implant protocol (all steps)
- ✦ Implant debridement
- ✦ Flap surgery

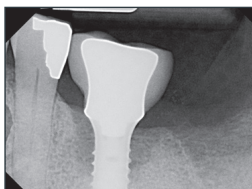


Endo

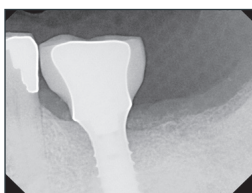
- ✦ Root canal disinfection
- ✦ Pulpotomy
- ✦ Pulpectomy



And much more! Over 2 hours of 4K-Ultra-HD learning content!



BEFORE



12 MONTHS POST-OP

Case #2 – courtesy of Dr. Todd Jorgenson

REPAIR™

PERI-IMPLANTITIS PROTOCOL

- ✦ Patient-preferred, minimally invasive, peri-implantitis laser protocol
- ✦ Easy access to implant surface and in-between threads, without reflecting a flap
- ✦ Treat site-specific or full-mouth therapy for flexibility in treatment planning
- ✦ Does not damage titanium surface, or significantly affect surface temperature

Rich On-Board Reference Library

- ✦ Waterlase Express features a loaded System Menu including rich, on-board reference material and other information designed to help you be a Waterlase Express expert in no time.
- ✦ Access best practices from Waterlase Express clinical mentors, how-to videos, and much more at your fingertips.
- ✦ Connect and collaborate with fellow Waterlase owners.

Learning Center

- ✦ Instructional videos
- ✦ Operational videos for the team
- ✦ Business and marketing tips

Stay Up to Date Online

- ✦ Get the latest educational content
- ✦ View your profile and usage stats on BIOLASE Connect
- ✦ Update software and settings

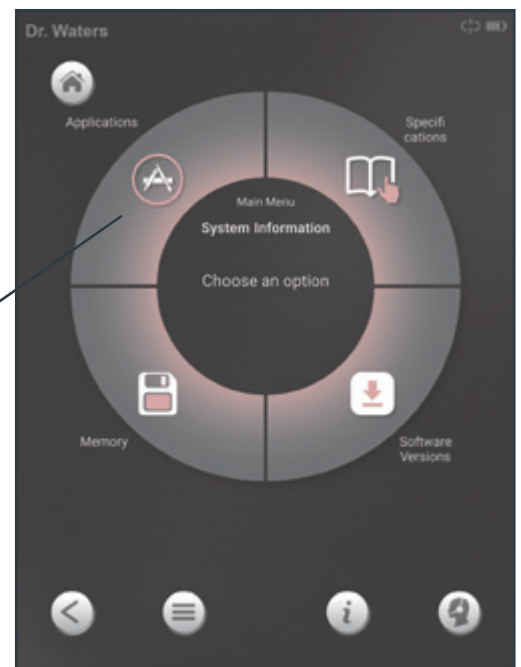


Connect with Peers

- ✦ Learn from fellow owners
- ✦ Share cases and get advice
- ✦ Collaborate for best practices

Get Future Clinical Apps

- ✦ Update and add future applications
- ✦ Download new clinical technique videos
- ✦ Use the latest pre-sets from the experts

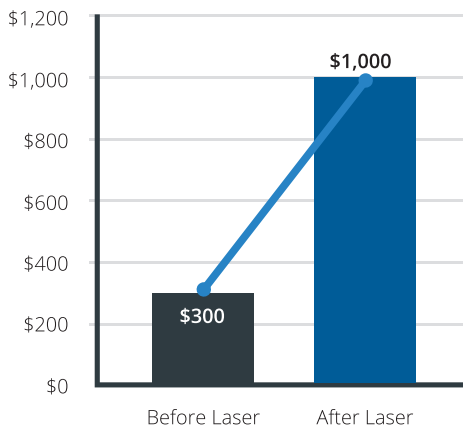


Generate Cash Flow and Excitement

Increasing the cash flow in your practice is as easy as performing just three types of procedures a month with the Waterlase Express.

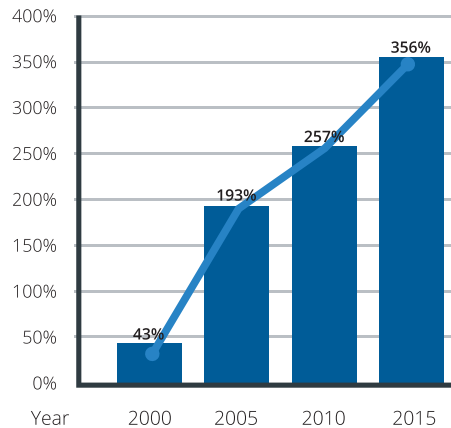
- ✦ Simplify the dentistry in your practice
- ✦ Minimize chair time
- ✦ Increase case acceptance with a patient-preferred, minimally invasive treatment option

Production Increase



Excerpt from A BIOLASE Waterlase Case Study: Dr. Patrick R. Ruehle, DDS, PA. Download the full case study at go.biolase.com/ROI.

Monthly Patient Referrals



Open a new world of simple clinical solutions with the most intuitive, accessible all-tissue laser available.

Expert Training

Waterlase Express is simple to integrate into daily practice, especially with expert training and mentorship from experienced, successful Waterlase dentists. Starting with a comprehensive three-day training program led by laser masters, your training continues as the system has a full library of material and additional education at your fingertips to ensure confidence.



- ✦ Laser dynamics on hard and soft tissue
- ✦ Integration into your current workflows
- ✦ Clinical techniques for all five categories
- ✦ Tips for ensuring clinical and practical success



97%

*of Waterlase patients
recommend it to their
friends and family.²*

*"Our practice was
built on family-
focused dentistry,
with brilliant
results through
great technology. If you asked us
what we could not do without, it
would be our Waterlase."*



Dr. Peter Harnois
Hinsdale, IL

Waterlase express™

TECHNICAL SPECIFICATIONS

Wavelength	2.78 μm (2780 nm)
Max. Power Output	4 W
Pulse Energy	250 mJ
Pulse Rep Rate	5-50 Hz
Pulse Duration	H: 60 μsec S: 700 μsec
Laser Engine	Miniaturized Er,Cr:YSGG laser engine
Fiber Optic Cable	White, highly flexible, reliable
User Interface	Applications-based, removable tablet
Touchscreen Size	9.7"x 6" (24.64cm x 15.24cm)
Pre-sets	95 procedural presets, with simple slider bar to adjust settings within each procedure
Additional Content	Procedure animations, case studies, best practices
WiFi-enabled for BIOLASE Connect	Yes
Weight	27 Lbs (12.247 kg)



Waterlase Express shown with Premium Cart option.
Economy Cart option also available.



For more information, visit biolase.com   

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¹ American Dental Association, ADA.org

² BIOLASE Brand Development Research; Final Report Rev. Aug. 2005