A New Standard in Dentistry is Emerging
Fear and anxiety, whether mild or severe, is real and for many people can be a barrier to seeking dental treatment. Studies show that as many as 75% of adults in the U.S. experience some degree of dental fear.

Drills, needles and numb lips can prevent people from taking a positive, proactive approach to oral health.

**Waterlase Dentistry Changes the Dynamic**

Patients experience Waterlase Dentistry as more comfortable, convenient and less invasive. With many procedures it’s possible to use less anesthetic, and in some cases, no anesthetic. This can mean getting in and out of the chair more quickly for your patients.

Multi-quadrant restorations that once entailed multiple appointments can now be completed in a single visit. And, because Waterlase Dentistry allows you to handle a wider variety of procedures, there is less need to arrange referrals to other offices — a further source of disruption and anxiety for your patients.

97% of patients who experience Waterlase Dentistry would recommend it to their friends and family.

- 2005 Richter 7 Survey
You’ll See Enhanced Results

Waterlase Dentists are achieving enhanced clinical outcomes in many procedures. Because Waterlase systems work without the heat and vibration of the drill, it’s possible to perform restorations less invasively with greater precision and accuracy. In fact, you can create incisions as narrow as approximately 200 microns.

With Waterlase Dentistry, you can perform soft tissue surgical procedures without scalpels, or bleeding. Patients experience minimal swelling and post-operative pain. You’ll see healing with minimal tissue migration.

Take Greater Control of Your Patients’ Treatment

Whenever you refer your patients out of your office for a procedure you don’t perform, there are risks you can’t control. Waterlase Dentists have a broader clinical repertoire to draw on. Because they can do so much more in-house, they can establish stronger relationships with their patients and maintain a more personal connection to the treatment results.

Use of Waterlase MD may be indicated for:

**Hard Tissue**
- General Indications*
  - Class I, II, III, IV and V cavity preparation
  - Caries removal
  - Hard tissue surface roughening and etching
  - Enameloplasty, excavation of pits and fissures for placement of sealants
  - Tentorial preparation to obtain access to root canal
  - Root canal preparation including enlargement
  - Root canal debridement and cleaning
  - Laser root canal disinfection after endodontic instrumentation
  - Endodontic Surgery ( Root Amputation) Indications
  - Flap preparation – incision of soft tissue to prepare a flap and expose the bone.
  - Cutting bone to prepare a window access to the apex (apices) of the tooth
  - Root canal preparation for retromolar amalgam or composites
  - Removal of pathological tissue (i.e., cysts, neoplasm or abscess) and hypoplastic tissue (i.e., distraction) from around the apex

**Bone Surgical Indications**
- Cutting, shaping, cutting and repositioning of bone tissue (bone grafting)
- Osteotomy
- Laser Periosteum Procedure
- Periosteal flap
- Osteoplasty flap
- Osteotomy flap
- Laser soft tissue damage
- Laser removal of debrided, infected, inflamed and necrotic soft tissue within the periodontal pocket
- Removal of highly inflamed exudate tissue affected by bacteria penetration of the periodontal pocket and its junctional epithelium
- Removal of pathological tissue from bone defects
- Surgical debridement (removal of dead, infected, inflamed or necrotic soft tissue in the periodontal pocket) to improve clinical indices including gingival index, gingival bleeding index, probe depth, attachment loss and tooth mobility
- Osteotomy and exposure recontouring (removal of bone to correct contour defects and create physiologic structure contour)
- Osteotomy (removal of bone to review bone architecture, removal of bone for grafting, etc.)
- Osteotomy crown lengthening

**Soft Tissue Indications including Pulpal Tissues**
- Incision, excision, vaporization, ablation and coagulation of oral soft tissues, including:
  - Dermal and incisal lacerations
  - Exposure of unerupted teeth
  - Fibroma removal
  - Flap preparation – incision of soft tissue to prepare a flap and expose the bone.
  - Flap preparation – incision of soft tissue to prepare a flap and expose unerupted teeth (hard and soft tissue impaction)
  - Denervation and frenectomy
  - Cuted tissue for crown impressions
  - Gingivectomy
  - Gingival incision and excision
  - Hemostasis
  - Implant recovery
  - Incision and drainage of abscesses
  - Laser soft tissue curettage of the post-extraction tooth sockets and the periapical area during surgical therapy
  - Leukoplakia
  - Osteectomy
  - Osteoplasty
  - Palatal cysts
  - Palate laceration
  - Palatal lacerations
  - Palatal soft tissue abnormalities
  - Soft tissue crown lengthening
  - Treatment of canker sores, herpetic and aphthous ulcers of the oral mucosa
  - Vestibuloplasty

**IMPORTANT:** Review all Contraindications, Warnings and Precautions presented in Section 6 the User Manual before proceeding with the procedure. Any tissue growth (i.e., cysts, neoplasms or other lesions) must be submitted to a qualified laboratory for histopathological evaluation. *For use on adult and pediatric patients.
Waterlase Dentists are able to perform many procedures more efficiently, saving time and money. Here are some of the ways using Waterlase systems can help you work better — faster.

- Perform osseous crown lengthening
- Fewer injections for cavity preps means less chair-time for patients
- Switch from treating hard tissue to treating soft tissue in seconds
- Complete restorations in multiple quadrants in a single appointment
- Troughing around crown preps instead of packing cord reduces the time needed to take impressions
- Endodontic disinfection may reduce the risk of retreatment
- Laser-assisted implant placement and recovery reduces overall treatment time

**Waterlase Dentistry Brings New Opportunities**

Today, in nearly every area of health care, patients associate lasers with the most up-to-date standard of care. Waterlase Dentists stand out in providing their patients with the most advanced care and the best technology available.

Their practices have a unique way of attracting new patients at a faster rate than regular dentists. It’s not surprising that in a recent survey 97% of patients said they would recommend Waterlase Dentistry to their friends and family.

Waterlase Dentistry offers such a broad range of applications, it can open up entirely new areas of dentistry to you, such as:

- Cosmetic gingivectomies
- Treatment of herpetic lesions and aphthous ulcers
- Frenectomies for gingival recessions and “tongue ties”
- Laser-assisted implant recovery and abutment connection accelerates treatment time.
Waterlase Dentists feel passionate about their practices. With expanded clinical capabilities and increased involvement in their patients' treatment planning, they often find greater professional and personal satisfaction.

With exciting new areas of continuing education and professional certification available, Waterlase Dentists elevate their professional status and often receive increased referrals from other dentists, specialists, and physicians. They're increasingly offered opportunities to participate in research and publishing as laser-assisted dentistry expands.

Your Staff Will Feel It Too
There's a pride that comes with offering patients an emerging standard of comfort and care in dentistry. Your staff will have the benefit of being a part of a unique and important development in dental care. And they too will have new opportunities for continuing education and professional certification.
Waterlase Dentistry is a Total Solution

Waterlase Dentistry combines the leading dental laser technology available today with unmatched practice management support, training, service, and accessories to provide you with a total solution.

Technology
With over 100 patents in place and more to come, Biolase has invested millions of dollars in clinical and technical research and development to create systems that achieve results not available through any other products. Whether you practice general dentistry or are a specialist, we offer systems for all types of practices, with investment levels and upgrade paths for dentists at all stages of their careers. We will help you choose the Waterlase Solution that’s right for you.

We’re With You at Every Step
Practice Management Support
The Waterlase Dentistry team of consultants is the largest in the industry. They work closely with you to fit the right solution to your practice and to provide guidance on practice management to help you achieve the greatest possible return on investment. As your practice grows and evolves, they work with you to assure that your Waterlase Solution continues to meet your practice goals.

Training and Certification
Waterlase Dentistry training is aimed at maximizing your revenue potential through rapid and continuous adoption of Waterlase Dentistry hard and soft-tissue procedures. Through each stage of training, we maintain direct contact with you to ensure optimized learning. Certification training is available for all systems, from basic training through Mastership, guided by a world-class Advisory Board of Waterlase Dentist luminaries. Biolase dedicates significant resources to its own training and certification programs, including:

- On-going regional one-day clinical refresher courses at no charge to Waterlase Dentists
- A clinical training website for ongoing learning opportunities
- Specialist peer-to-peer learning support

Biolase also collaborates with the World Clinical Laser Institute, the largest dental laser education organization, to provide training courses and laser dentistry symposiums worldwide.

Service
Our team of over 100 Biolase-certified field service technicians helps ensure smooth installations, start-ups and operations. We also maintain toll-free phone support to provide immediate answers to most support questions. To keep your system operating at peak performance, Biolase provides service coverage for all new systems, and competitively-priced service agreements with convenient payment options after your original warranty expires.

Consumables
Waterlase Dentistry offers the widest array of tips, specialized accessories and system upgrades in laser dentistry, allowing you to expand the versatility of your systems while maintaining and improving their performance.

About Biolase
More dentists use Biolase lasers than any other. For over 20 years Biolase has been transforming dentistry by designing and manufacturing systems using our patented laser technologies. Biolase lasers are in use in over 42 countries around the world. Biolase clinical research and development, engineering and manufacturing facilities are part of our headquarters in Irvine, California.