

# BIOLASE®

Advancing Dentistry™

Powered by

CosmoLight Nordic

## Epic X

Diode Laser  
"Best-Seller"



**Indications:** Soft-Tissue Surgery, Periodontal & Endo Disinfection, Photobiomodulation, Pain Therapy & Whitening  
**Type & Wavelength:** Diode, 940nm  
**Power:** Up to 10 Watts

The Portable & Powerful Diode for the Whole Dental Team and one that every dentist needs. Wireless and portable. Have quick minimally invasive surgery, hemostasis, pain relief and whitening capabilities at your fingertips that patients love.

**"The EPIC 940nm Diode is anti-inflammatory, analgesic, anti-bacterial, haemostatic, and promotes good quality healing. It offers many clinical applications other than just surgery. Every dentist should have one!"**  
**DR MARK CRONSHAW**

## Waterlase iPlus All-Tissue Laser

**Indications:** Restorative, Soft-Tissue, Perio, Implant, Endo & Dermatology (Optional)  
**Type & Wavelength:** Er,Cr:YSGG, 2 780 nm  
**Power:** 0-10 Watts  
**Pulse Energy:** 0-600mj

Redefine the dental experience with the market's best-selling all-tissue dental laser. Now with even more expanded capabilities to help give your patients an undeniable "wow" experience that differentiates, advances outcomes to another level and grows your practice.



Waterlase  
FRACTIONAL HANDPIECE™

**Optional Fractional Handpiece** for Dermatology & Aesthetic Skin Resurfacing, Wrinkle Treatment and Scar Revision.

## Epic Q [New] Diode Laser

**Indications:** Soft-Tissue, Endo, Perio, Hygiene, PBM  
**Type & Wavelength:** Diode, 940nm  
**Power:** Up to 3 Watts



## Epic Hygiene

Diode Laser  
For Oral Hygienists

**Indications:** Laser Bacterial Reduction, Pocket Therapy, Perio Debridement, Aphthous Ulcers & Herpetic Lesions, Hemostasis  
**Type & Wavelength:** Diode, 980nm  
**Power:** Up to 1,5 Watts

The lower powered Epic designed by Hygienists for boosted Hygiene treatments and a solution to patients' early perio needs.

## Waterlase Express

All-Tissue Laser

**Indications:** Restorative, Soft-Tissue, Perio, Implant & Endo  
**Type & Wavelength:** Er,Cr:YSGG, 2 780 nm  
**Power:** 0-4 Watts  
**Pulse Energy:** 0-250mj



Ideal choice for specialists. User-friendly, portable, enables more procedures in a single visit, minimally invasively.

## Waterlase MDX 300 / 450

All-Tissue Laser

**Indications:** Restorative, Soft-Tissue, Perio, Implant & Endo  
**Type & Wavelength:** Er,Cr:YSGG, 2 780 nm  
**Power:** 300mj Model: 0-8 Watts  
450mj Model: 0-9 Watts  
**Pulse Energy:** 0-300mj / 450mj



## Epic Soft Tissue Lasers | Diode 940nm | Epic 10 / X & Epic Pro

### Soft-Tissue

- Excisional and incisional biopsies
- Exposure of unerupted teeth
- Fibroma removal
- Frenectomy
- Frenotomy
- Gingival troughing for crown impressions
- Gingivectomy
- Gingivoplasty
- Gingival incision and excision
  - Hemostasis and coagulation
- Implant recovery
- Incision and drainage of abscess
- Leukoplakia
- Operculectomy
- Oral papillectomies
- Pulpotomy
- Pulpotomy as an adjunct to root canal therapy
- Reduction of gingival hypertrophy
- Soft tissue crown lengthening
- Treatment of canker sores, herpetic and aphthous ulcers of the oral mucosa
- Vestibuloplasty
- Tissue retraction for impression

### Periodontal

- Laser soft tissue curettage
- Laser removal of diseased, infected, inflamed and necrosed soft tissue within the periodontal pocket
- Sulcular debridement (removal of diseased, infected, inflamed and necrosed soft tissue in the periodontal pocket to improve clinical indices including gingival index, gingival bleeding index, probe depth, attachment loss and tooth mobility)

### Hygiene

- Non-surgical Perio
- Laser Bacterial Reduction

### Whitening

- Light activation for bleaching materials for teeth whitening
- Laser-assisted whitening/bleaching of teeth

### Pain Relief\*

- Topical heating for the purpose of elevating tissue temperature for a temporary relief of minor muscle and joint pain and stiffness, minor arthritis pain, or muscle spasm, minor sprains and strains, and minor muscular back pain; the temporary increase in local blood circulation; the temporary relaxation of muscle

### Endodontics\*

- Deep disinfection into lateral canals



epicX

Epic  
pro

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## Waterlase All-Tissue Lasers | Er,Cr:YSGG

### Soft Tissue (Including Pulpal Tissues)\*

Incision, excision, vaporization, ablation and coagulation of oral soft-tissues, including:

- Excisional and incisional biopsies
- 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 impactions)
- Frenectomy and frenotomy
- Gingival troughing for crown impressions
- Gingivectomy
- Gingivoplasty
- 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
  - apical surgery
  - Leukoplakia
  - Operculectomy
  - Oral papillectomies
  - Pulpotomy
  - Pulp extirpation
  - Pulpotomy as an adjunct to root canal therapy
- Root canal debridement and cleaning
- Reduction of gingival hypertrophy
- Soft tissue crown lengthening
- Treatment of canker sores, herpetic and aphthous ulcers of the oral mucosa
- Vestibuloplasty

### Hard Tissues

General Indications\*

- Class I, II, III, IV and V cavity preparation
- Caries removal
- Hard tissue surface roughening or etching
- Enameloplasty, excavation of pits and fissures for placement of sealants

### Laser Periodontal Procedures

- REPAIR Protocol: Waterlase Er,Cr:YSGG assisted new attachment procedure (cementum-mediated periodontal ligament new attachment to the root surface in the absence of long junctional epithelium)
- Removal of subgingival calculi in periodontal pockets with periodontitis by closed or open curettage
- Removal of highly inflamed edematous tissue affected by bacteria penetration of the pocket lining and junctional epithelium
  - Full thickness flap
  - Partial thickness flap
  - Split thickness flap
  - Laser soft tissue curettage
- Laser removal of diseased, infected, inflamed and necrosed soft tissue within the periodontal pocket
- Removal of granulation tissue from bony defects
- Sulcular debridement (removal of diseased, infected, inflamed or necrosed soft tissue in the periodontal pocket to improve clinical indices including gingival index, gingival bleeding index, probe depth, attachment loss and tooth mobility)
- Osteoplasty and osseous recontouring (removal of bone to correct osseous defects and create physiologic osseous contours)
- Osteotomy (resection of bone to restore bony architecture, resection of bone for grafting, etc.)
- Osseous crown lengthening

### Root Canal Hard Tissue

- Tooth preparation to obtain access to root canal
- Root canal preparation including enlargement
- Root canal debridement and cleaning
- Laser root canal disinfection after endodontic instrumentation



Waterlase  
express

### Endodontic Surgery (Amputation)

- 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 root(s)
- Apicoectomy – amputation of the root end
- Root end preparation for retrofill amalgam or composite
- Removal of pathological tissues (i.e., cysts, neoplasm or abscess) and hyperplastic tissues
- (i.e., granulation tissue) from around the apex

### Bone / Surgical

- Cutting, shaving, contouring and resection of oral osseous tissues (bone)
- Osteotomy

### Crowns & Veneers

- Removal of ceramic and porcelain crowns and veneers\*\*



waterlase \*MDX™

Waterlase \*iPlus™

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IMPORTANT: Review all Contraindications, Warnings and Precautions presented in the User Manual before proceeding with using a laser device on patients.  
NOTE: Any tissue growth (i.e., cyst, neoplasm or other lesions) must be submitted to a qualified laboratory for histopathological evaluation.

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