



SUMMUS™

DENTAL LASER

Knowledge. Technology. Innovation.



THE FUTURE OF CARE

Brought to you by Summus Medical Laser

At Summus Medical Laser our goal is to improve lives, not only through revolutionizing laser therapy, but by ensuring the success of our providers. We are relentlessly focused on developing the most advanced therapeutic lasers that provide a non-surgical solution for clinicians to treat pain, reduce inflammation, and aid healing.



15 years in the industry

Summus is a U.S. pioneer in Class IV laser therapy with over 15 years of experience.



Guided by Physicians

Our product development is guided by physicians, who pour their knowledge of healing into our lasers.



Marketing Support

From advertising and patient brochures to signage and social media, we are here for you.



Training Program

Our training is best in class. In person and online, we provide you and your with the knowledge that you need to use the laser with confidence.



Innovation

Our deep knowledge of therapy lasers and market demands allow Summus to lead an industry to a new horizon.



Scientifically-Proven

Summus built products are backed by two decades of research to help patients regain a higher quality of life.



Supported In America

Our service is right here in the US. Whether you need trouble-shooting or repairs, we are here to make sure your laser is in tip-top shape.



Clinical Expertise

With decades of combined laser therapy clinical expertise, Summus understand what clinicians need from their equipment.



Dedicated Response Team

More questions? No problem! Access our dedicated staff at the touch of a button with SUMMUS ON CALL.



Business Support

Our promise to you is that we are here to support you to get the best ROI possible.



Horizon Laser System

Introducing the **Horizon** featuring **On Call**

The first of its kind complete laser system that allows you to easily & affordably integrate laser therapy into your practice. We partner with you to provide consistent, precise, reproducible results for your patients.

It's a Powerful Healing & Pain Management System That Benefits Your Practice, Your Patients and Your Bottom Line

HORIZON Complete Laser System

✓ Progressive Treatments

A patient can be set-up for a treatment plan. The protocol will vary as the patient progresses through the plan.

✓ Independent Wavelength Control

Each wavelength has a different effect on the body. This allows a condition to receive the optimal therapy.

✓ Automatic Optic Identification

The laser automatically recognizes which optic is being used. This is important from a safety and user experience standpoint.

✓ 4 Wavelengths

980nm Improves Circulation
915nm Enhances Oxygen Delivery
810nm Increases ATP Production
650nm Accelerates Surface Healing.

✓ Phased Protocols

Each protocol is built with multiple phases of wavelengths and pulsing.

✓ Visual Guidance

Motion graphics displayed on screen will guide you through treatments with confidence.

✓ Trigger Point Therapy

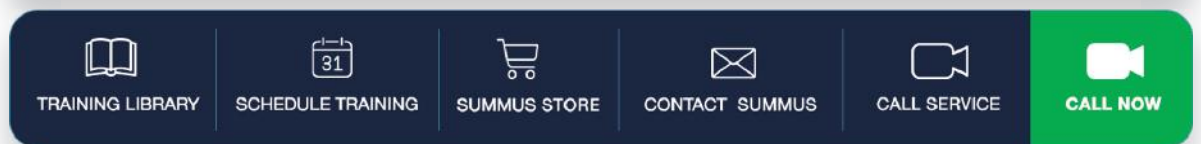
Users are guided to corresponding trigger points associated with multiple pain syndromes.

Video Camera
Video Chat with Summus Professionals
Record Your Live Training Sessions

Luxating Cart
Optimized Charging Base
Rechargeable Cart
Telescoping Base
Tilting Platform



Our Experts, In The Room With You!



ON CALL

The First Live Access interactive Solution

Summus' exclusive **ON CALL** Technology allows you to directly access our concierge-style service at the touch of a button. Connect with our dedicated staff of knowledgeable laser therapy experts to answer clinical questions, schedule a training, access marketing & service support, and more. It couldn't be easier!



Training Library

Access prerecorded training and record your own trainings with Summus Laser Experts.



Schedule Training

Use this button to schedule your own live training sessions.



Summus Store

Additional accessories, supplies, and marketing materials are at your fingertips on the Summus Store.



Contact Summus

Whether you want to call, mail, or email, all of our contact information can be found here.



Call Service

Need to speak to service ASAP? Connect with one touch to our friendly service department.



Call Now

When you need assistance immediately, our Summus laser experts can answer your questions at the touch of a button.

LASER FUNDAMENTALS

Summus Medical Lasers™ deliver specific red and near-infrared wavelengths of laser light to induce a photochemical reaction and therapeutic effect. Laser therapy has been used in Europe since the 1970s and Summus Medical Laser was cleared by the United States Food and Drug Administration (FDA) in 2005.

Physiological Effects of Laser Therapy

Enhanced Tissue Healing	Pain Reduction	Increased Circulation	Reduced Inflammation
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Cellular Effects

During laser therapy, infrared laser light interacts with tissues at the cellular level increasing metabolic activity within the cell. By improving the transport of nutrients across the cell membrane, the increased production of cellular energy (ATP) is stimulated. The cascade of beneficial effects that follows includes increased cellular function and tissue repair.

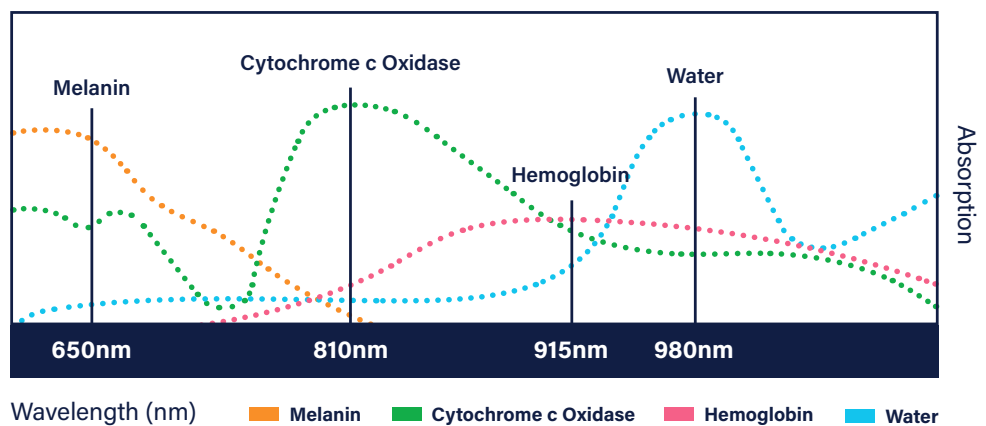
Therapeutic Effects

During each painless treatment, laser energy increases circulation, drawing water, oxygen, and nutrients to the damaged area. This creates an optimal healing environment that reduces inflammation, swelling, muscle spasms, stiffness and pain. As the injured area returns to normal, function is restored and pain is relieved.

WAVELENGTHS

Why is Power Important?

Wavelengths determine a therapeutic laser's depth of penetration and power determines the dosage delivered to depth in tissues. Power (Watts) is the rate of energy delivery and energy is measured in Joules (1 Watt = 1 Joule per second). Higher power at the surface will deliver more energy to the desired depth.



<p>650nm <i>Targets Superficial Receptors</i></p> <ul style="list-style-type: none"> Accelerates Surface Healing Increases Cellular Regeneration Reduces Antibiotic Usage Shortens Healing Time 	<p>810nm <i>Targets Mitochondria</i></p> <ul style="list-style-type: none"> Increases Conversion of O₂ to ATP Accelerates Cellular Metabolism Deepest Tissue Penetration Stimulates Immune System 	<p>915nm <i>Targets Hemoglobin</i></p> <ul style="list-style-type: none"> Doubled O₂ Delivery to Tissues Improves Pain Relief Enhances Healing Effects 	<p>980nm <i>Targets Water in Blood</i></p> <ul style="list-style-type: none"> Improves Circulation Pain Relief Decreases Morbidity Faster Recovery
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The Importance Of Laser Pulsing

Studies prove that pulse frequencies elicit different physiological responses, and that different tissue types (muscle, connective tissue, bone, etc.) respond better to different pulse frequencies. Summus Medical Laser protocols use continuous wave and various pulse frequencies in combination with four therapeutic wavelengths to optimize clinical outcomes.

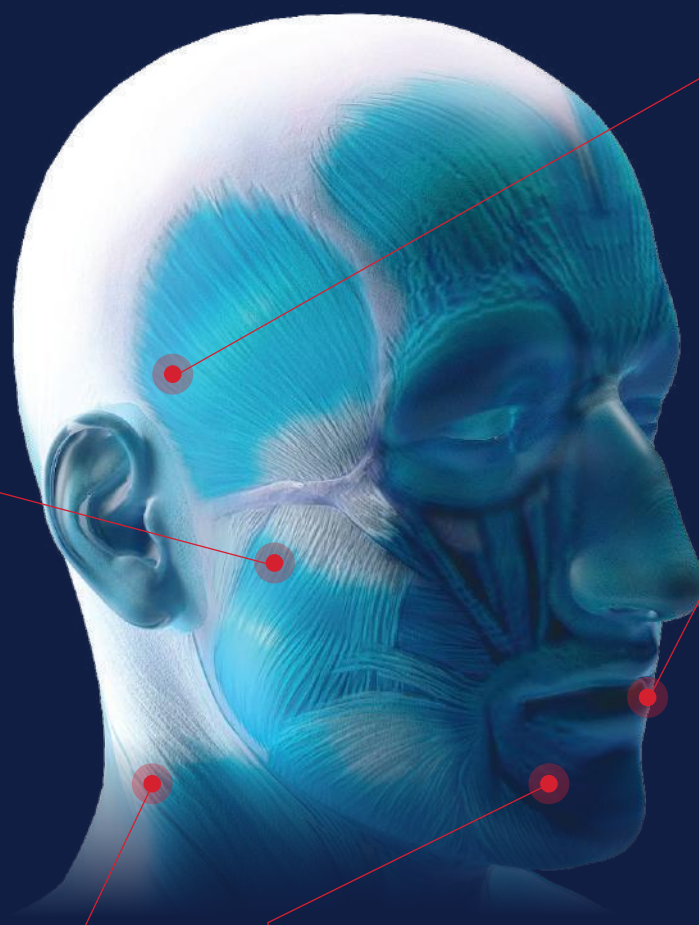
How does Intense Super Pulse (ISP) enhance laser therapy?

Lasers operating in super pulse mode deliver bursts of high peak power for a short period of time. Our Intense Super Pulse (ISP) mode delivers a peak of 15w of laser energy to deeper tissues mitigating superficial heat build-up.



TREATMENTS & APPLICATIONS

Acute or chronic, superficial or deep, laser therapy can help. By accelerating the healing process with increased circulation and enhanced tissue repair, laser therapy decreases inflammation and pain. In the management of chronic and acute pain, Class IV lasers created by Summus Medical Laser™ are the preferred choice for practitioners worldwide.



Maxillofacial

- Temporal Mandibular Joint (TMJ)
- Trismus
- Facial Paralysis
- Neuralgia
- Soft Tissue Trauma
- Bisphosphonate-Related
- Osteonecrosis of the Jaw (BRONJ)
- Orthodontics

Oral Surgery

- Pos Operatory
- Extraction
- Implant
- Soft Tissue Surgery
- Orthognathic
- Apicectomy
- Graft
- Edema Treatment
- Paresthesia

Oral Pathology

- Herpes Simplex
- Burning Mouth Syndrome
- Herpes Zoster
- Pediatrics Stomatitis
- Oral Mucositis
- Xerostomia/Dryness/Dysgeusia
- Lichen Planus
- Denture Stomatitis
- Halitosis

General Dentistry

Dentinal Hypersensitivity

- Post Bleaching
- Post Endodontics Instrumentation
- Post Periodontics Scale
- Post Cavitary Preparation

Periodontics

- Pocket Decontamination -
- Photodynamic Therapy (PDT)
- Gingivitis
- Mucosa Regeneration Post Scale
- Dentary Hypersensitivity
- Post Periodontics Procedures
- Post Periodontal Surgery

STAFF TRAINING & EDUCATION



Initial Training

Start your therapeutic laser journey with live interactive and hands on training where you will learn about using the laser including:

- How to Use Your Laser
- Navigation System
- Treatment Guidance
- Clinical Applications
- Safety Protocols
- Patient Education
- Treatment Protocols & Pricing

Summus provides additional resources to prepare you and your staff

- Online certification course for all staff members
- The Little Red Book, our complete guide to laser therapy treatment protocols, applications and science
- Treatment example videos



Ongoing Training

With **SUMMUS ON CALL** training is at your finger tips. Whether you need a refresher or want to explore topics in depth we are here for you.

- New Staff
- Clinical Advice
- Special Treatment & Conditions



Next Level Training

Laser therapy is always evolving. We are committed to staying at the forefront of the industry by continuously providing our customers with advanced research on the trends and applications of laser therapy. We Offer:

- Advanced training seminars conducted by our medical directors at locations throughout the U.S.
- Clinical experts available to answer any treatment questions
- Webinars covering a range of topics on laser therapy
- Speaking engagements at local and national industry events
- Educational Podcasts

UNPARALLELED SERVICE

Keep your therapeutic treatment schedule humming along seamlessly

Now the highest quality therapeutic laser ever produced is backed by our U.S. service department. All regular service and repairs are covered for the life of your system's warranty. Our service department at our corporate headquarters in Franklin, TN means rapid turnaround when you need it.

Rapid
Turnaround

Second-to-none
Warranty

Instant Access To
Service Experts

Peace
Of Mind

Loaner
Program



IMPLEMENTATION & MARKETING MATERIALS



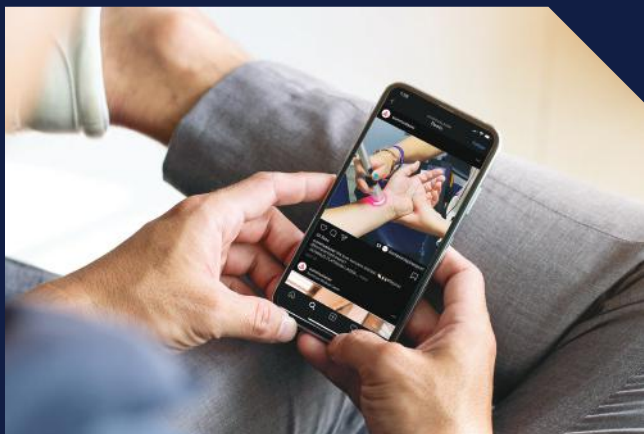
Join The Summus Family:

As a part of the Summus Family, we provide you the guidance and materials you need to seamlessly integrate the laser in to your practice. With our step-by-step marketing and implementation plan, we help you educate your staff and existing patients, as well as connect to new patients by providing customized materials you can use in print, web, email, and social media format.



Educate & Grow Your Patients:

Outfit your office to educate your patients using our patient brochures and waiting room posters. Then reach with your existing patients through emails, letters, and postcards- all of which are included in your marketing kit. When you are ready to connect with new patients, we supply referral cards, press releases and advertisements.



Share The News:

Keep the spotlight on your practice with social media posts. Share the posts straight from the Summus Marketing Team, or customize them to share your success stories!



One Touch Access:

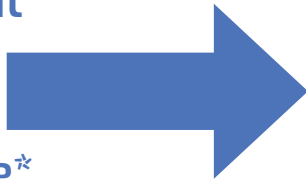
We stand with you when it counts and when you need it, so should you have questions for our marketing team or require assistance with materials, we are one touch away with **SUMMUS ON CALL**.

FINANCIAL & ROI

It's More Affordable Than You Think!

- ✓ Excellent financing options
- ✓ Marketing tools
- ✓ Practice building programs
- ✓ Fast ROI

Just One New Patient A Month Makes It All Possible[☆]



Monthly Revenue Analysis

# of Laser Patients	Average # of Plan Treatments	# of Treatments Given	Average Treatment Price	Total Monthly Revenue
_____	x _____	= _____	x _____	= _____

Return on Investment

Laser Revenue Per Month	Laser Payment Per Month	Laser Profit Per Month
_____	- _____	= _____

[☆] In a typical clinical treatment plan assuming, for example \$70 x 10 treatments = \$700/mo





Contact us at: [615.595.7749](tel:615.595.7749) or summuslaser.com

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