



SUMMUS[®]

MEDICAL LASER

Knowledge. Innovation. Technology.



Relentlessly Focused on Developing The Most Advanced Therapeutic Class IV Lasers.

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.



18+ Years of Innovation

Summus is a U.S. pioneer in Class IV laser therapy with over 18 years of experience.



Guided by Physicians

Summus product development is guided by physicians, whose knowledge of healing goes into every laser.



Innovation

Our deep knowledge of therapy lasers and market demands allow Summus to lead our 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.



Marketing Support

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



Training Program

Our training is best in class. We provide you and your staff with the knowledge that you need to use the laser with confidence.



Clinical Expertise

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

"It has opened a door for me to help people in a lot of ways, I can almost see a reason to laser everyone that walks in the door."



Robert Patterson, MD

*Back To Basics
Sanford, NC*



Regenerative, Non-Invasive, Pain Management Through Photobiomodulation

Regenerative, Non-Invasive, Pain Management™ uses the scientifically proven modality of photobiomodulation; photons of light to modulate mitochondria at a biological level. The result is increased VEGF (Vascular Endothelial Growth Factor), molecular bloodflow and angiogenesis. This reduces pain and inflammation, enhances tissue healing and increases circulation.

Neck

- Acute Injury
- Chronic Pain
- Disc Degeneration
- Motor Vehicle Accidents
- Sports Injuries
- Torticollis

Arm

- Acute Injury
- Bicipital Tendonitis
- Epicondylitis
- Post-Exercise Muscle Soreness

Low Back

- Disc Degeneration
- Facet Joint Injury
- Sciatic Pain
- Sprain/Strain

Knee

- ACL/PCL Injuries
- Arthritis
- Baker's Cyst
- Meniscus/Ligament Injuries
- Osgood-Schlatter's
- Post Knee Replacement
- Sports Injuries



Head

- Bell's Palsy
- Ear Infection
- Migraine Headache
- Sinus Headache/Infection
- Tension Headache
- TMJ Disorders
- Tooth and Jaw Pain
- Trigeminal Neuralgia

Shoulder

- A-C Joint Sprain
- Acute Injury
- Brachial Plexus Injuries
- Bursitis
- Rotator Cuff Strains and Tears

Wrist and Hand

- Acute Injury
- Arthritic Joints
- Carpal Tunnel Syndrome
- Dupuytren's Contracture
- Trigger Finger

Hip and SI Joint

- Arthritis
- Bursitis
- Iliotibial Band Syndrome
- Sports Injuries

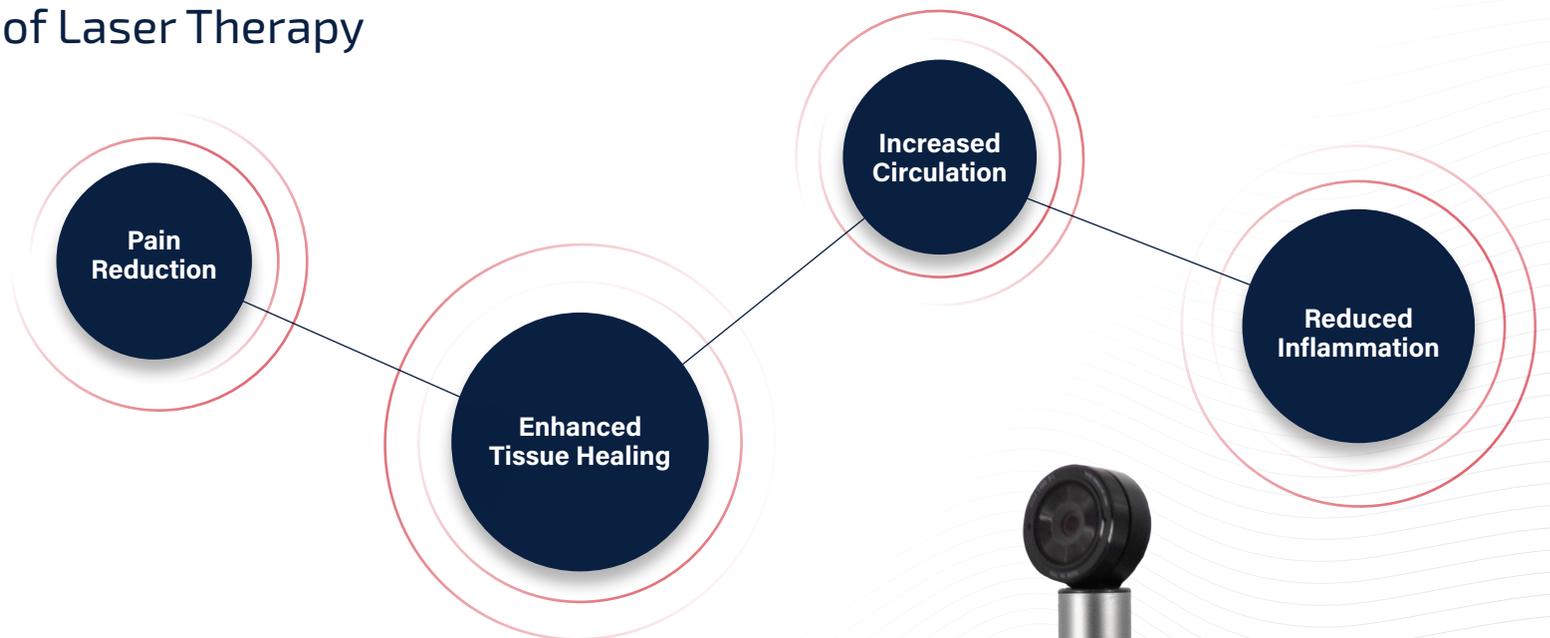
Ankle and Foot

- Arthritis
- Heel Pain
- Plantar Fasciitis
- Sprains and Sports Injuries

Laser Fundamentals

Summus Medical Lasers® deliver regenerative, non-invasive, pain management by using 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 1970's and Summus Medical Laser® was cleared by the United States Food and Drug Administration (FDA) in 2005.

Physiological Effects of Laser Therapy



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.

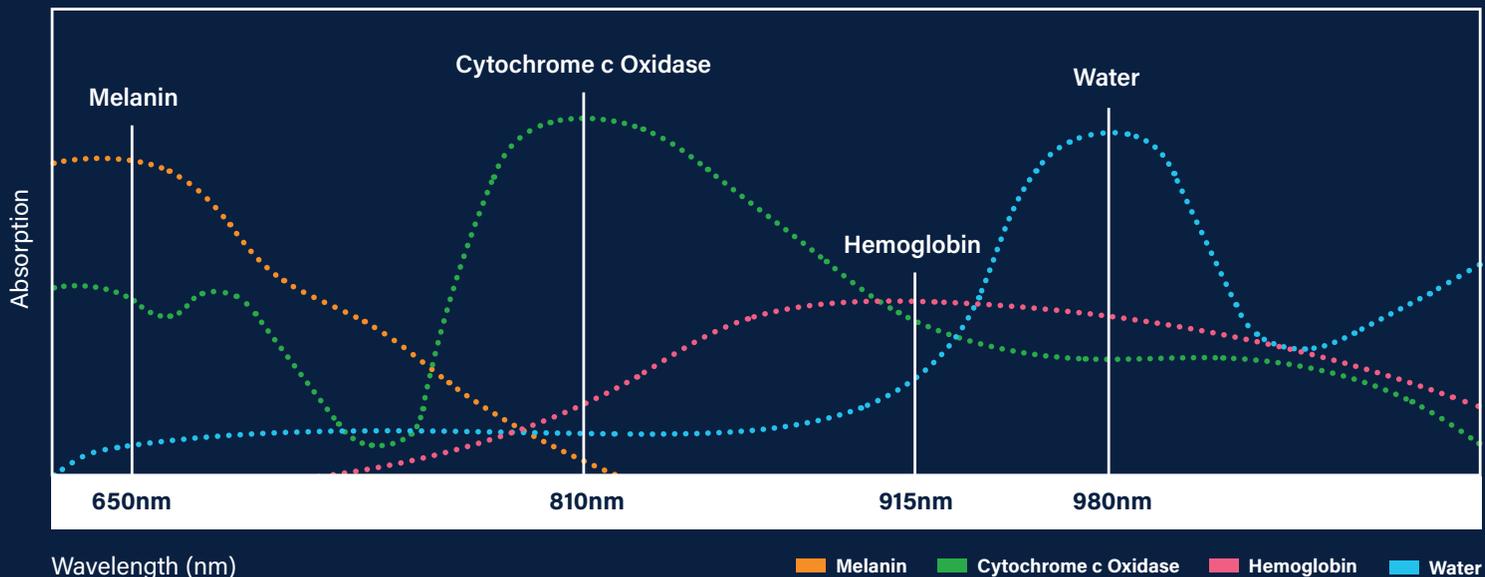
Therapeutic Effects

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.



Horizon Laser System

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.

650nm Targets Superficial Receptors

- Accelerates Surface Healing
- Increases Cellular Regeneration
- Reduces Antibiotic Usage
- Shortens Healing Time

810nm Targets Mitochondria

- Increases Conversion of O₂ to ATP
- Accelerates Cellular Metabolism
- Deepest Tissue Penetration
- Stimulates Immune System

915nm Targets Hemoglobin

- Doubled O₂ Delivery to Tissues
- Improves Pain Relief
- Enhances Healing Effects

980nm Targets Water in Blood

- Improves Circulation
- Pain Relief
- Decreases Morbidity
- Faster Recovery

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 up to 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 30W of laser energy to deeper tissues mitigating superficial heat build-up.

Features & Benefits

H¹

With a lightweight yet sturdy design, the H1 delivers powerful results and simple operation. It's built on our advanced Android platform so that you can easily and quickly select an expert treatment combinations that will get your patients healing better, faster.

- ✔ **3,200+ Treatment Combinations**
 Designed and tested by doctors for doctors. Plus, create and save your own custom treatment combinations.
- ✔ **Portable & Sturdy**
 Lightweight yet durable construction allows you to take the laser everywhere you need it.
- ✔ **3 Wavelengths**
 915nm Enhances Oxygen Delivery
 810nm Increases ATP Production
 650nm Accelerates Surface Healing.



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We not only developed the most advanced Class IV therapy laser, but also built a technology platform that redefines the therapy laser industry. No other therapeutic laser can deliver usage metrics and tools on the laser interface to help your practice succeed with laser therapy.

- ✔ **Faster Treatment Times**
 The right combination of power, wavelengths and pulsing delivers an optimal therapeutic dose in less time.
- ✔ **75,000+ Treatment Combinations**
 Designed and tested by doctors for doctors. Plus, infinite programmable custom combinations.
- ✔ **4 Hand Piece Lenses**
 Maximum treatment versatility with our 50 mm broad beam (open lens & curved contact lens), 25 mm zoom (open lens), 25 mm (curved contact lens).
- ✔ **4 Wavelengths**
 980nm Improves Circulation
 915nm Enhances Oxygen Delivery
 810nm Increases ATP Production
 650nm Accelerates Surface Healing.



Programs Included: Performance Tracker, On Demand, Neuropathy Treatment Center

HORIZON

Meet The Game Changer

The Horizon Laser System gives your patients better clinical outcomes, **faster healing times** and better overall patient acceptance. The Horizon Laser System makes using photobiomodulation simple. Four high powered wavelengths combined with **pre-programmed protocols and visual guidance** graphics are just a few of the features that allow you to easily add the benefits of photobiomodulation to your practice. The first of its kind complete laser system that allows you to easily & effectively integrate laser therapy into your practice.

✓ 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.

✓ 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.

✓ 4 Wavelengths

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

Programs Included: Performance Tracker, OnCall, Neuropathy Treatment Center



Product Comparison



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Portable & Battery Operated	✓	✓
Frequencies	Continuous Wave (CW) +1-20,000 Hz in 1 Hz steps	
Treatment Combinations	3,200+	75,000+
Unlimited Patient History Data	✓	✓
Adaptive Handpiece Optics	1	4
Rugged 3 Layer Polyimide 400-micron Fiber	✓	✓
WiFi Enabled Software Updates	✓	✓
Protective Eyewear	3 Pairs	3 Pairs
Skin Tones	✓	✓
Wavelength Combinations (nm)	650 810 915	650 810 915 980
Wavelength Selectability	7 Combinations	15 Combinations
Intense SuperPulse (ISP)	16W	28W
Continuous Wave (CW) Power	15W	24W
Beam Profile	Homogeneous	Homogeneous
Warranty	3 Year Manufacturer Warranty & Lifetime Diode Warranty	
Marketing Materials	Comprehensive Implementation & Marketing Plan	
No Charge Unlimited CE	✓	✓
Clinical Support	✓	✓
Performance Tracking App	✗	✓

HORIZON

MODEL: SLP4H



100,000+



4



3 Pairs



650 810 915 980

15 Combinations + Independent Control

30W

28W

Homogeneous



ON CALL

The First Live Access Interactive Solution

Summus **ON CALL** *exclusive technology that 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!

** Currently available in the U.S. and Canada only during the hours of 9:00am - 5:00pm CST.*



Training Library

Access pre-recorded training and record your own trainings with Summus Laser Experts.



Schedule Training

Use this button to schedule your own live training sessions.



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.



Horizon Laser System

PERFORMANCE TRACKER

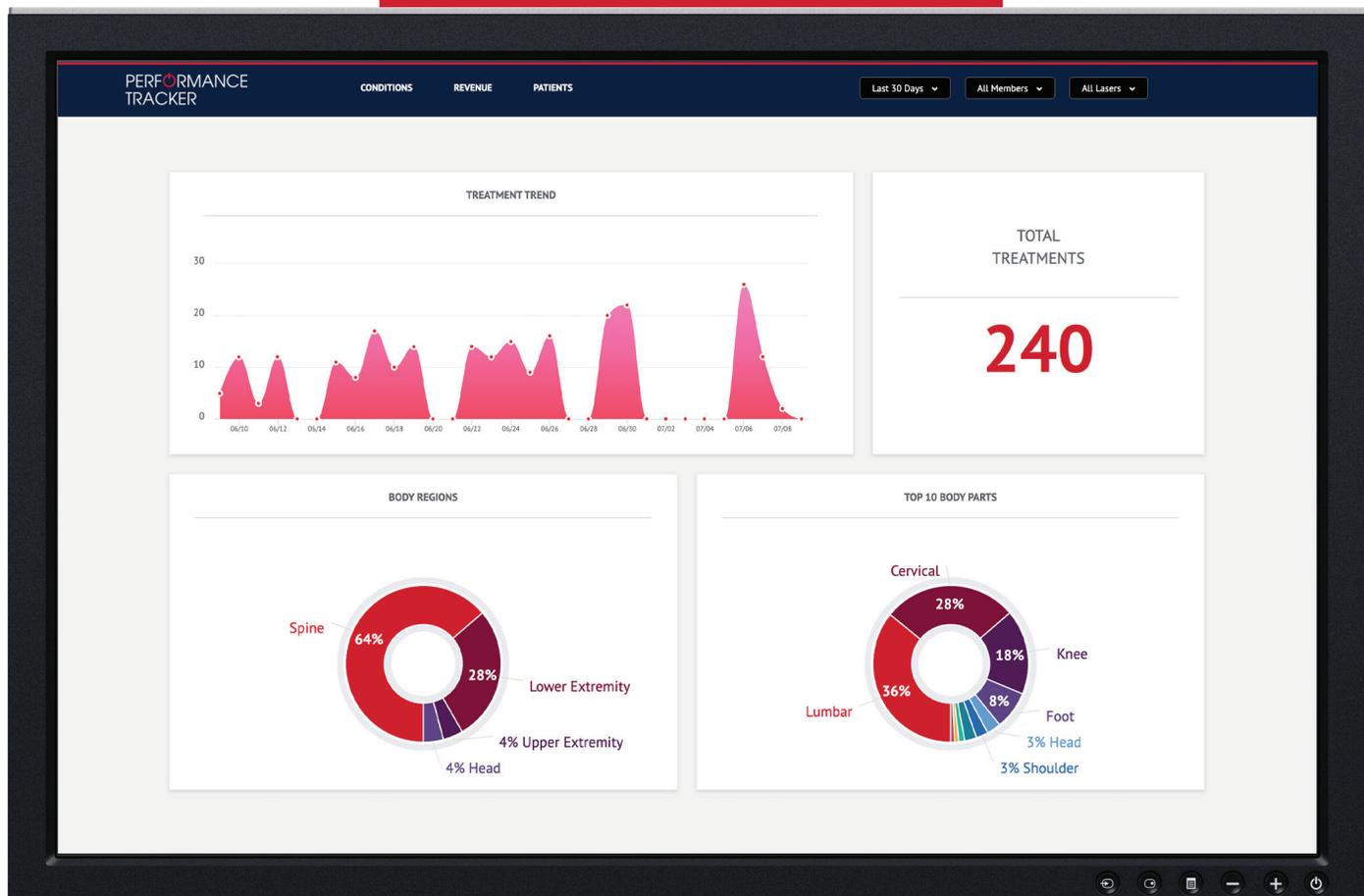
The Performance Tracker, included in the P4 and the Horizon, is an advanced practice management tool that will ensure your practice's success with laser therapy. No other therapy laser can give you a real-time perspective on how you can better utilize the laser and maximize the return on your investment.

With the Performance Tracker app you can:

- Display the number of treatments given
- Review the kind of treatments being administered
- See who is using the laser and for how long
- View patient profiles
- Calculate the revenue you are generating



Available on your laser, online and your phone.



ON DEMAND

Our On Demand pay-per-treatment program is designed to implement Class IV Laser Therapy into your practice, risk free and with no upfront expense. You receive the same equipment, training and resources that all of our Summus customers receive. It's more than a free trial, it's a partnership for success.

- Platinum 4 Class IV Therapy Laser
- Product Warranty Throughout Program Participation
- In-Practice Training
- Marketing & Implementation Resources
- Client Portal Access for Laser Certification Exam
- Performance Tracker App to Help Maximize Outcomes
- 10 Free Treatment Credits
- 3 Pairs of Protective Eyewear

How it Works



You receive a Platinum 4 therapy laser at **no cost or long-term commitment**



We train you and your staff to expertly use the laser to ensure successful implementation.



You purchase treatments directly from the WIFI connected laser.



Your patients recover **more quickly** with laser therapy.

"The On Demand program allowed me the opportunity to bring in the laser at no cost and build a program that patients were able to see the benefits and also generate additional revenue."

- Henry N.

Why Join On Demand?

- ✓ **Risk-Free**
No down payment or long-term commitment
- ✓ **Superior Product**
Industry-leading Class IV therapy laser
- ✓ **Effective**
Proven clinical & financial model
- ✓ **Easy**
Simple & quick implementation
- ✓ **Partnership**
We're committed to your success
- ✓ **Proven**
5 years of program success

"The On Demand program is simple, easy to use, and the staff at Summus are excellent to work with. We will never go with anyone else. It is an excellent way to see if Class IV lasers will work for your clinic without the risk of spending thousands of dollars."

- Jacob Murray

NEUROPATHY TREATMENT CENTER

Class IV laser therapy is a **drug-free solution** that is proven to be **90% effective** at treating the symptoms of neuropathy. In order to leverage this growing market Summus Medical Laser™ offers Neuropathy Treatment Center, a proprietary, turn-key solution that can help you add as much as **\$25,000 of new revenue** every month to your practice.

Neuropathy Treatment Center Includes:

"I was very impressed with the comprehensive aspect as well as the quality of the training. I feel confident I can implement this immediately and have great success!"

- Dr. Laura



Neuropathy Protocols

Additional protocols designed specifically for treating patients with Neuropathy.

Proven Business Plan

Developed by fellow doctors, industry experts and marketing specialists.

Expert Training & Coaching

Gain patient buy-in, perform assessments and treat patients with confidence.

Marketing Materials

Promote your Neuropathy Treatment Center inside your practice by driving patient traffic.

Diagnostic Tools

Accurately assess and treat neuropathy on day one.

A Growing Market

42.5 million Americans are estimated to suffer from neuropathy and the following common risk factors suggest the issue will continue to grow.

Diabetes

Diabetes is one of the most common risk factors for neuropathy and the prevalence of diabetes is expected to increase by 54% to more than 54.9 million Americans between 2015 and 2030.*

Old Age

People 55 years or older are significantly more likely to suffer from neuropathy. The number of Americans 65 years or older is expected to double from 46 million today to over 98 million by 2060.**

Pain That Changes Lives

The pain and loss of function that some experience with

neuropathy is so significant that their quality life is dramatically reduced. It is not uncommon for some patients to:

- Entirely lose feeling in their feet and hands
- Frequently fall because of loss of sensation
- Suffer debilitating pain that limits their enjoyment of life

Few Good Solutions

Patients suffering from neuropathy have few drug-free solutions that work. Summus Medical Laser's Class IV Lasers are uniquely positioned to offer these patients an effective, drug free, non-surgical solution to the pain of neuropathy.

Common Risk Factors

- Alcoholism
- Amputation
- Autoimmune Diseases
- Back, Leg, And Hip Problems
- Chemotherapy
- Diabetes
- Exposure to Toxins
- Facial Nerve Problems
- Kidney Disease
- Liver Disease
- Lyme Disease
- Multiple Sclerosis
- Shingles
- Spine surgery
- Traumas (motor vehicle accidents, falls, sports injuries, etc.)



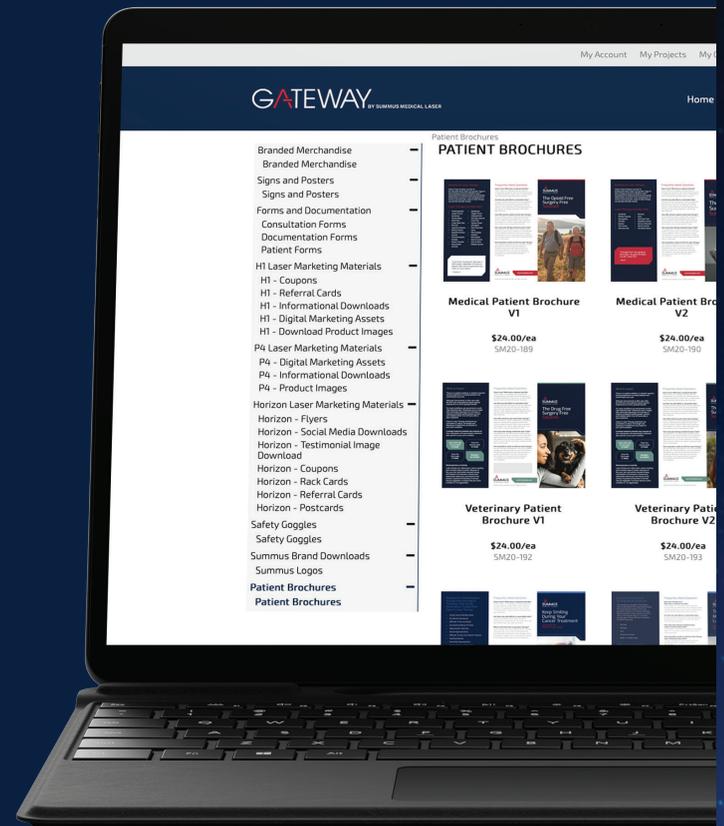
Premium Online Marketing Support

Remove the stress of marketing laser therapy in your practice with the Gateway by Summus. We provide the tools & resources you need to educate your patients, advertise to new markets, inform the media and your community, and make a splash when talking about your new laser.

- ✓ Print Orders Shipped To You
- ✓ Customizable With Your Logo
- ✓ Downloadable Items
- ✓ Quick & Easy To Use

Updated regularly with new materials, you will find:

- Social Media Posts
- Patient Brochures
- Signs & Posters
- Flyers
- Postcards
- Rack Cards
- Coupons
- Referral Cards
- Product Images
- Consultation Forms
- Summus Branded Items



The Marketing Gateway has dedicated support: 1.888.604.3400 and gateway@summuslaser.com

Staff Training & Education

01 Initial Training

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

- Navigation System
- Treatment Guidance
- Clinical Applications
- Safety Protocols
- Patient Education
- Treatment Protocols & Pricing

Summus also 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 combinations, applications and science
- Treatment example videos

02 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

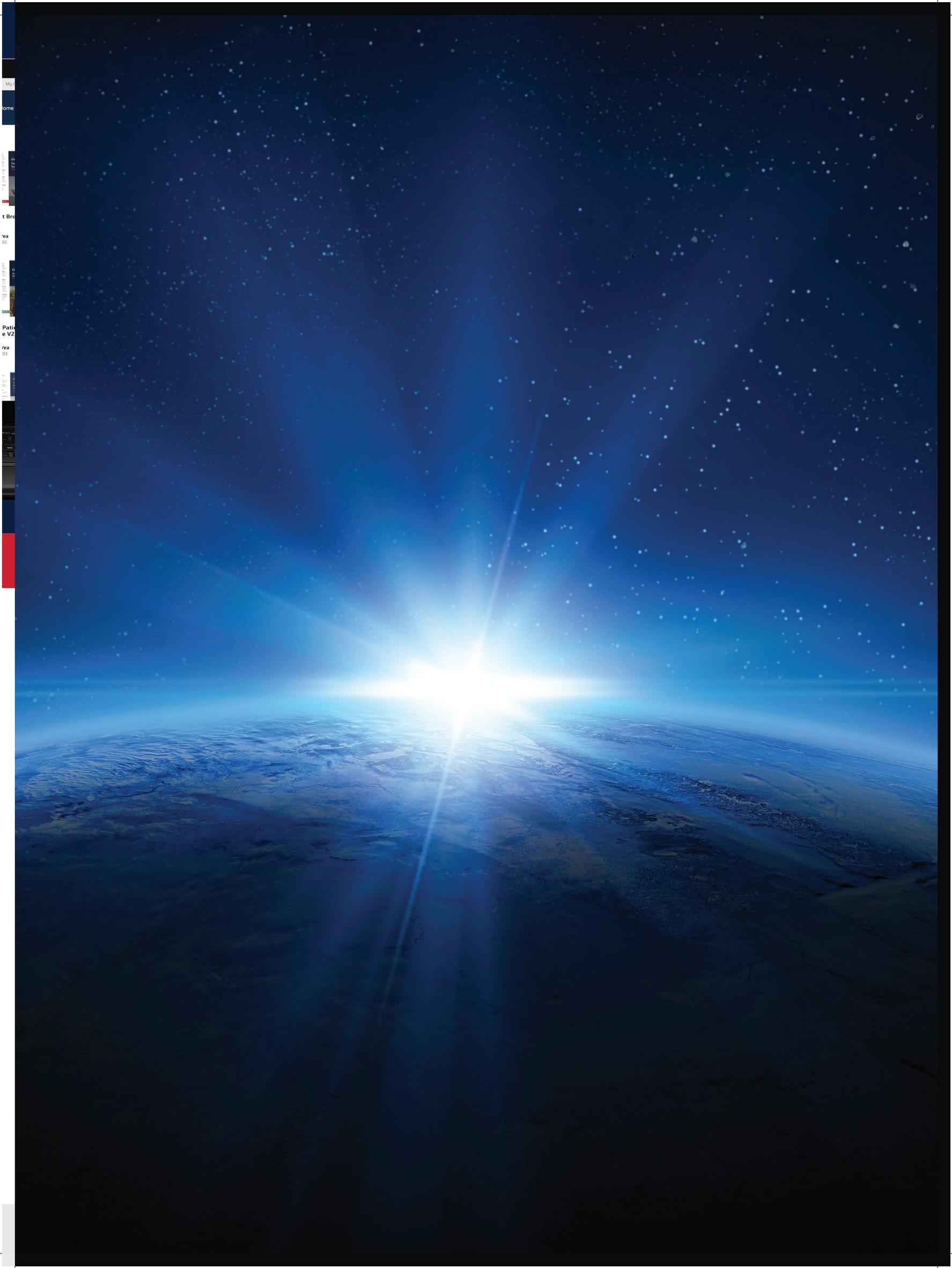
"The training and marketing teams are great to work with. The training program is well put together and there are dozens of videos for additional support."

- Jacob Murray

03 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 treatment questions
- Webinars covering a range of topics on laser therapy
- Speaking engagements at local and national industry events
- Educational Podcasts



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