

Veterinary Webinar Program

SUPER PULSED LASER AND THE HOLISTIC VETERINARY PRACTICE

This is webinar is for Vets and Vet Techs to learn how the PRO and MPLs are integrated into a busy holistic practice - how it compliments other modalities, is used in acupuncture and how owners can be part of the treatment plan by renting or buying an MPL that the vet then gives a laser Rx for a treatment plan. 2 cases will be discussed.

- A. Host – *Lisa Cawte-Baker* Lisa was the first Canadian Certified Equine Laser Therapist, though her knowledge and use of laser therapy spans over two decades. Her business was started using just laser therapy though she now compliments it with other skills sets, therapies and certifications.
- B. Guest Speaker - *Dr. Shauna Cantwell* of Medicine Wheel Veterinary Services will be sharing some insightful tips she uses in the successful treatment of challenging cases in holistic practice utilizing Super Pulsed Laser. Dr. Cantwell have been a practicing veterinarian since 1989 in Canada, and broad experience brought her to this point in her career. She started out as an equine/mixed animal practitioner, specifically based on her equine competitive background. Then, she spent a number of years in small animal general and emergency medicine. Her interest in detail and physiology brought her to specialize in Anesthesiology in 1998, with board-certification and a Masters degree concentrating on respiratory physiology. This phase of her development created a strong focus in education, respiratory and neurophysiology, and pain management. With an overall background in both equine and companion animal medicine, and a need to expand further into the area of pain management, Dr. Cantwell began studying eastern medicine, acupuncture and animal chiropractic.
- C. Link - <http://www.lasertherapyu.org/webinars/veterinary-webinars/vet-july2018>

SHEDDING NEW LIGHT ON BOVINE MEDICINE

How Dr. Rhebergen came to use laser in her bovine work - cases she has covered and how do they differ from working with other animals. Laser acupuncture and changing the face of traditional farming and bovine industry. (note there was a magazine article done about her bringing acupuncture to farming - pioneer for sure) plus 2 or 3 cases to dissect for protocols.

A. Host – *Lisa Cawte-Baker* Lisa was the first Canadian Certified Equine Laser Therapist, though her knowledge and use of laser therapy spans over two decades. Her business was started using just laser therapy though she now compliments it with other skills sets, therapies and certifications.

B. Guest Speaker - *Dr. Steph Rhebergen*, DVM, CVA, VSMT, graduated from the Western College of Veterinary Medicine in 2010 and went on to pursue a career in dairy medicine. She is now a partner in the Abbotsford Veterinary Clinic where she has been working for the past 6 years. She became certified in acupuncture at the Chi Institute and later went to take an animal chiropractic course.

C. Link – <http://www.lasertherapyu.org/webinars/veterinary-webinars/vet%20october-2018>

AT HOME LASER THERAPY: BRIDGING THE CARE AND REVENUE GAP CAUSED BY SOCIAL DISTANCING

In this time of social distancing, pets and pet owners may not be able to make it to the veterinary clinic for routine care. Multi Radiance can bridge this Pet Care and Revenue Gap with vet-prescribed home laser devices for effective pain management, inflammation control, wound healing, and treatment for 300+ common conditions. At-home, easy to use, pet owner-administered laser therapy under your supervision, could be the answer for care continuity during these times and beyond.

Join the Multi Radiance team of J. Mark Strong and Dr. Youkey (Yukiko Kuwahara, DVM, DRIC, CVA) as they discuss:

- Ways to bridge the care gap caused by mandated social distancing
- New ways to manage pain in chronic patients, with at-home laser therapy
- Ways to generate passive revenue for your practice now and in the future, with rental lasers
- Coping with fewer clinic visits during social distancing
- Disinfecting your clinic and rental lasers

A. Link - <https://www.multiradiance.com/register-to-view-webinar?id=4085>

VETERINARY SURGERY AND SUPER PULSED LASER

Super pulsed laser therapy (SPLT) has been shown to modulate the inflammatory process without adverse effects by reducing pain and swelling and promoting the repair of damaged tissue. The effect of SPLT on acute pain from soft-tissue injury may be related to the consequent reduction in edema, hemorrhage, neutrophil infiltration, inflammatory cytokines and enzymes. The swelling-reduction effect of SPLT may be related to its ability to accelerate the regeneration of lymph vessels and decrease vascular permeability.

Join Dr. Iker Asteinza, DVM, MSc Dipl, for the February Webinar as he explores the use of SPLT and how it may help to improve veterinary surgical outcomes by accelerating surgical incision healing, reducing pain and the need for medications post-surgery, and assists in the reduction of post-surgical infections.

- A. Host – *Douglas Johnson*, CSO @ Multi Radiance Medical, ATC
- B. Guest Speaker - *Iker Asteinza Castro*, Doctor in Veterinary Medicine - Universidad Nacional Autónoma de México; Medicine and Surgery of Dogs and Cats Diploma - Universidad Nacional Autónoma de México Master in Science - Universidad Nacional Autónoma de México; Associate Professor, Small animal department - Universidad Del Valle de México; Owner and Director of Two Veterinary Hospitals in Mexico City; Animal Home Founder and member of the board of the Mexican Association of Veterinary Hospitals
- C. Link – <http://www.lasertherapyu.org/webinars/veterinary-webinars/may-2021>

VETERINARY ORTHOPEDIC REHAB WITH SUPER PULSED LASER

Physical therapy and rehabilitation following orthopedic surgery in companion animals have become more common and new advancements in this field have been made in recent years. However, surgery alone may not return the animal to its previous physical activity.

Rehabilitation therapies following surgery can restore function as well as strength, coordination, and balance. The novel use of Super Pulsed Laser has been shown to improve outcomes following musculoskeletal procedures and may help restore function as well as reduce pain and facilitate healing.

Join Iker Asteinza Castro, MVZ M.SC. Dipl., for a one-hour discussion on post-surgical rehabilitation programs incorporating Super Pulsed Laser Therapy. A discussion on various cases will be presented as well as how to develop an AT-HOME Laser Therapy program for your clients.

- A. Host – *Douglas Johnson*, CSO @ Multi Radiance Medical, ATC
- B. Guest Speaker - *Iker Asteinza Castro*, Doctor in Veterinary Medicine - Universidad Nacional Autónoma de México; Medicine and Surgery of Dogs and Cats Diploma - Universidad Nacional Autónoma de México Master in Science - Universidad Nacional Autónoma de México; Associate Professor, Small animal department - Universidad Del Valle de México; Owner and Director of Two Veterinary Hospitals in Mexico City; Animal Home Founder and member of the board of the Mexican Association of Veterinary Hospitals
- C. Link - <http://www.lasertherapyu.org/webinars/veterinary-webinars/april-2020-veterinary>

PUSHING THE LIMITS OF LIGHT: SUPER PULSED LASER THERAPY AND THE MIGHTY MITOCHONDRIA

We know that super pulsed laser therapy works. It has been successfully used to mitigate pain and improve healing in veterinary medicine for years. But do you know how super pulsed laser therapy works?

This webinar will focus on how light energy interacts with the body and how the mitochondria, the powerhouse of the cell, is involved in transforming light into cellular energy.

Join Dr. Shauna Cantwell, DVM and Douglas Johnson, VP of Clinical and Scientific Affairs at Multi Radiance as they discuss the science, mechanism, and application of super pulsed laser. We will share a few case stories that should increase your confidence to treat clients and achieve the outcomes you desire.

- A. Host – *Douglas Johnson, CSO @ Multi Radiance Medical, ATC*
- B. Guest Speaker - *Dr. Shauna Cantwell of Medicine Wheel Veterinary Services* will be sharing some insightful tips she uses in the successful treatment of challenging cases in holistic practice utilizing Super Pulsed Laser. Dr. Cantwell have been a practicing veterinarian since 1989 in Canada, and broad experience brought her to this point in her career. She started out as an equine-mixed animal practitioner, specifically based on her equine competitive background. Then, she spent a number of years in small animal general and emergency medicine. Her interest in detail and physiology brought her to specialize in Anesthesiology in 1998, with board-certification and a Masters degree concentrating on respiratory physiology. Dr. Cantwell also began studying eastern medicine, acupuncture and animal chiropractic.
- C. Link - <http://www.lasertherapyu.org/webinars/veterinary-webinars/july-2021>

NEW TRENDS FOR LASER USE IN VETERINARY OPHTHALMIC CONDITIONS

By understanding advances in ophthalmic diseases, we know that an ophthalmic lesion does not disable an animal initially, as much as other injuries like lameness. However, if they progress, they can become infected, painful, and in extreme cases the patient can lose sight.

When we talk about Corneal diseases we know that in the presence of an ulcer we are expecting the presence of vascularization, this is the form that the cornea has for healing. Blood vessels take growth factors, new cells and help the antibiotics to reach the lesion zone. By using super pulsed laser to stimulate blood vessels, we increase circulation to the corneal ulceration. This increases the time of healing and prevents different complications that need surgery to be repaired.

Another disease that we are trying to help control is Equine Recurrent Uveitis. It is a chronic non-curable disease, and every episode is worse, and that can lead to intraocular damage and is the number one cause of sight loss in horses. It is however controllable, and we can work to improve

swelling and pain with super pulsed laser, as we do with the ocular signs with eyelid lacerations. Join Aytzee Piñón, DVM, Iker Asteinza, DVM and Douglas Johnson from LTU for the October webinar as they review laser trends in veterinary ophthalmic conditions.

- A. Host – *Douglas Johnson, CSO @ Multi Radiance Medical, ATC*
- B. Guest Speaker - *Aytzee Piñón, DVM, MSc, PhD Cert*, studied veterinary medicine, and has a Masters and PhD degree in veterinary ophthalmology. She interned at Louisiana state and has 22 papers published in index. She is also a candidate to be diplomated in the clove (latino-american college of veterinary ophthalmologists). Dr. Piñón works with all species, especially horses, dogs, cats and avian at Animal Home® for small animals and Equine Hospital of National University (UNAM). Her passion is ophthalmic surgery and research and she has presented in total 112 lectures.
- C. Link - <http://www.lasertherapyu.org/webinars/veterinary-webinars/october-2021>

A NEW APPROACH TO THE LASER THERAPY CONTINUUM OF CARE: FROM HOSPITAL TO HOME

You have different clinical goals at every stage of care. Advancements in laser therapy have led to a new approach to veterinary care: photoceuticals. Like pharmaceuticals, photoceuticals are prescribed doses of light, optimized to achieve a predictable response and superior outcomes. Using the right photoceutical tool at each stage of care allows you to meet your clinical goals throughout a complete plan of care.

In this webinar, Dr. James S. Gaynor will break down the science of photoceuticals and the practical applications of light in the veterinary practice. You will learn how to use different in-clinic and at-home photoceutical tools during every stage in the continuum of care, from relieving acute pain to healing tissue and maintaining relief in the long term.

Key objectives:

- Defining photoceuticals and how they are used in each stage of care
 - How to choose the right laser therapy tool based on clinical goals and patient symptoms
 - What conditions can be treated with photoceuticals with real-world case examples
- A. Guest Speaker - *James Gaynor, DVM, MS, DACVAA; BA -The Colorado College; DVM - The Ohio State University; MS, Anesthesia Residency – The Ohio State University; Faculty Anesthesiologist – Colorado State University; Owner – Peak Performance*

Veterinary Group; Head, Anesthesia, Pain Management, Physical Rehabilitation –
Colorado Animal Specialty and Emergency

- B. Link - <https://info.multiradiance.com/webinar-from-hospital-to-home>

NEW SURGICAL TRENDS AND TECHNOLOGIES ASSIST WITH IMPROVED REHABILITATION OUTCOMES

[1 CE Webinar] Dr. Iker Asteinza, specialist with companion animals and their musculoskeletal issues for recovery, rehabilitation, and the neurological issues that accompany post-operative cases, has gained a thorough understanding of this new trends' mechanism of action. He will discuss both published studies and successful clinical outcomes gained by the implementation of this modality in veterinary practice.

Dr. Asteinza will review issues and treatment measures taken for optimal musculoskeletal health and lameness diagnosis/management with companion animals. He will review successful protocols used in this application to enable best possible clinical results.

- A. Guest Speaker - - *Iker Asteinza Castro*, Doctor in Veterinary Medicine - Universidad Nacional Autónoma de México; Medicine and Surgery of Dogs and Cats Diploma - Universidad Nacional Autónoma de México Master in Science - Universidad Nacional Autónoma de México; Associate Professor, Small animal department - Universidad Del Valle de México; Owner and Director of Two Veterinary Hospitals in Mexico City; Animal Home Founder and member of the board of the Mexican Association of Veterinary Hospitals
- B. Link - <https://www.vetfolio.com/courses/replay-new-surgical-trends-and-technologies-assist-with-improved-rehabilitation-outcomes>

PHOTOCEUTICALS: A LIGHT INTRODUCTION

[1 CE Webinar] What's a Photoceutical? In this presentation Dr. Brunke explores the laser therapy Continuum of Care and describes how the mechanism of action of photobiomodulation is translated into practical applications in veterinary practice through a photoceutical approach to care.

From acute injury to tissue healing and long-term care, Dr. Brunke explains how to optimize laser therapy doses to provide clinical benefits at each stage of care.

Learning Objectives:

- Attendees will gain an understanding of how photobiomodulation works and how it translates into a Photoceutical approach to care.

- Attendees will learn about the 3 stages in the continuum of care, the clinical goals of each stage, and how to optimize laser therapy dosing to achieve outcomes at each stage of care.
 - Attendees will learn how to use both in-clinic and pet owner take-home therapies to maximize patient outcomes.
- A. Guest Speaker: *Matthew Brunke, DVM, CCRP, CVPP, CVA, CCMT*; Diplomate, American College of Veterinary; Sports Medicine and Rehabilitation; Faculty for UT CCRP/CCMT/CSMP Program; Advisory Board Member - Exubriion Therapeutics; VIN Consultant; Faculty – PennVet Working Dog Practitioner Program; Speaker for Vetoquinol; KOL for Butterfly; Consultant for Multi Radiance Medical
- B. Link - <https://www.vetfolio.com/courses/replay-photoceuticals-a-light-introduction>

A CASE-BASED APPROACH TO EXPANDED LASER THERAPY APPLICATIONS: FROM CLINIC TO HOME

[1 CE Webinar] During this live webinar we will explore the various ways clinics can expand the use of laser therapy beyond just pain management. Laser therapy can and should be used for wound healing, tissue regeneration, inflammation, and more. We'll discuss the evolution of laser therapy, and how practices can increase the benefits by allowing owners to perform LT at home. The future of laser therapy in veterinary medicine is exciting!

Learning Objectives:

- Understand the stressors involved in keeping a practice running during a pandemic
 - Develop a better understanding of laser therapy and the continuum of care
 - Differentiate between the biological effects of different wavelengths
 - Understand expanding the use of therapeutic laser beyond pain to fill the gap in rehabilitation
- A. Guest Speaker - *Iker Asteinza Castro*, Doctor in Veterinary Medicine - Universidad Nacional Autónoma de México; Medicine and Surgery of Dogs and Cats Diploma - Universidad Nacional Autónoma de México Master in Science - Universidad Nacional Autónoma de México; Associate Professor, Small animal department - Universidad Del Valle de México; Owner and Director of Two Veterinary Hospitals in Mexico City; Animal Home Founder and member of the board of the Mexican Association of Veterinary Hospitals
- B. Link - <https://www.vetfolio.com/courses/replay-a-case-based-approach-to-expanded-laser-therapy-applications-from-clinic-to-home>

IMPROVING CLIENT COMPLIANCE WITH TAKE-HOME LASER THERAPY

As pet ownership continues to rise and pet owner demographics evolve, more owners want a more active role in their pets' plan of care. Everyday demands of work, school, and life make it difficult for owners to frequently visit the clinic for treatment which negatively impacts pet outcomes, and clinic revenue.

In this webinar, Dr. Gaynor explores how to implement a take-home laser rental model into your veterinary practice to drive client compliance with recommended treatments. He discusses how prescribing at-home treatment and setting up re-check appointments improves pet owner satisfaction, and clinical results for patients.

He reviews how to charge for take-home laser therapy, the process of administering treatment at home, and the business model of using these programs to create passive income.

- A. Guest Speaker - *Dr. James Gaynor DVM, MS, DACVAA*; BA -The Colorado College; DVM - The Ohio State University; MS, Anesthesia Residency – The Ohio State University; Faculty Anesthesiologist – Colorado State University; Owner – Peak Performance Veterinary Group; Head, Anesthesia, Pain Management, Physical Rehabilitation – Colorado Animal Specialty and Emergency
- B. Link: <https://info.multiradiance.com/webinar-improving-client-compliance-take-home-laser-therapy>

FROM WOUNDED TO WINNING: A WESTMINSTER ATHLETE'S ROAD TO RECOVERY AND VICTORY

When Louie arrived at the Wizard of Paws Clinic, he was not show-ready. Nine-year-old Louie had suffered fractures to his ulna on May 2nd and was actively preparing for the Westminster Kennel Club show on June 24th.

In this webinar, Debbie (Gross) Torraca, DPT, MSPT, CCRP, CCMT, Board-Certified Orthopedic Clinical Specialist Emeritus explains how Louie's multi-modal plan of care prepared him to place in a few short weeks. You'll learn how to emulate Louie's plan of care for patients you see every day in general practice.

Key Learning Objectives:

- Appropriate wound healing protocols for superficial and deep conditions
- How to design a treatment program for your patients based on their goals
- The optimal photobiomodulation settings and protocols for tissue and wound healing
- Utilization of photobiomodulation to heal fractures
- The role of take-home photobiomodulation treatment in Louie's turn-around
- Ways to translate Louie's success into everyday practice

- A. Guest Speaker - Dr. Debbie Torraca has been involved in the field of canine physical rehabilitation and conditioning for over twenty-five years. She began her career in human sports medicine and quickly made the transformation over to canine physical rehabilitation and sports medicine. She began with a BS at Boston University, an advanced MS from Quinnipiac College, and a doctorate at the University of Tennessee. She teaches all over the country and is one of the founding members at the North Carolina State University of the Certified Companion Animal Therapy program and the Certified Canine Manual Therapy program. She has been very involved with professional research in the area of canine performance and treatment of canine performance issues and the use of photobiomodulation in the treatment of canine sports performance and degenerative myelopathy. She absolutely loves spending time in her clinics, Wizard of Paws Physical Rehabilitation for Animals, LLC (www.wizardofpaws.net).
- B. Link: <https://info.multiradiance.com/webinar-from-wounded-to-winning-westminster>

PRACTICE PROACTIVE WELLNESS FOR CONSISTENTLY BETTER PATIENT OUTCOMES

The demographics of veterinary clients have changed drastically over the last few years. Clients are more informed and more willing to spend money on their pets' wellbeing. They view their pets as their starter children and demand excellent veterinary care. To give these clients what they want, clinics need to embrace a wellness-based approach that proactively identifies problems earlier to promote better overall long-term health.

In this webinar, Ronald J. Riegel, DVM, explains how to develop a proactive wellness program of care that uses thermal imaging and take-home laser therapy to give today's clients a clear, visual understanding of their pets' health and a way for them to be directly involved in their treatment. Dr. Riegel shares best practices for using each modality and strategies for leveraging their complementary relationship to keep patients healthy and clients happy.

Learning Objectives:

- Evaluate the role of therapeutic infrared thermography in daily practice
 - Identify and define mechanisms of action, and applications for photobiomodulation
 - Describe the synergy of infrared thermal imaging and the use of photoceutical devices in the continuum of care for Proactive Wellness in Veterinary Practice
- A. Guest Speaker - Dr. Ronald Riegel has been a veterinary practice owner for 28 years. He has spent the last 14 years lecturing nationally and internationally on infrared thermal imaging (IRTI) and photobiomodulation therapy (PBMT). Dr. Riegel is the co-founder of AIMLA (American Institute of Medical Laser Applications) selling education on PBMT and IRTI. He was the Veterinary Medical Director for Digatherm by Infrared Cameras Inc. prior to coming on board with Multi Radiance Medical as their Veterinary Medical Director.

- B. Link: <https://info.multiradiance.com/webinar-practice-proactive-wellness>

EXPANDING ACCESS TO VETERINARY CARE: LASER THERAPY AT HOME FOR PETS

Are you exploring ways to improve outcomes and streamline workflow in 2023? Who isn't! Join Dr. Iker Asteinza, DVM, MSc, Dipl, Founder of Animal Home Veterinary Hospital in Mexico, as he discusses how to use a hybrid in-clinic and at-home laser therapy treatment model to drive pet owner satisfaction, improve clinical outcomes, and free up clinic time.

Many veterinarians are turning to hybrid models of care to ease the burden of staff shortages and to give pet owners the opportunity to participate in their pet's plan of care. Dr. Asteinza shares techniques for discussing at-home care, clinical applications, and tips to streamline your workflow.

Key Talking Points:

- Practice Trends
 - The State of Staff Shortages
 - The Pet and Owner Bond
 - Talking to Clients About Laser Therapy
 - The Role of Laser Therapy
 - Applications of Laser Therapy
 - Expanding Laser to Home Treatments for Workflow, Outcomes, and Strengthening the Animal/Human Bond
- A. Guest Speaker - *Iker Asteinza Castro*, Doctor in Veterinary Medicine - Universidad Nacional Autónoma de México; Medicine and Surgery of Dogs and Cats Diploma - Universidad Nacional Autónoma de México Master in Science - Universidad Nacional Autónoma de México; Associate Professor, Small animal department - Universidad Del Valle de México; Owner and Director of Two Veterinary Hospitals in Mexico City; Animal Home Founder and member of the board of the Mexican Association of Veterinary Hospitals
- B. Link - <https://info.multiradiance.com/webinar-expanding-access-to-veterinary-care-laser-therapy-at-home>

LASER THERAPY TO THE RESCUE FOR HAWAIIAN GREEN SEA TURTLES

Entanglement of sea turtles in fishing gear is a global problem that impacts all species. One of the most frequent causes of morbidity due to fishing gear interaction is front flipper entanglement. Fishing line entanglement causes deep lacerations and strangulation of the affected flipper, leading to significant distal swelling, ischemic necrosis, bone fracture and self-amputation.

Vascularization of the limb distal to the strangulation injury has been shown to be a key prognostic indicator for potential viability of the flipper. This work led to the development of a conservative approach of rehabilitation therapy to treat affected flippers at the Maui Ocean Center Marine Institute (MOCMI).

In this webinar, you'll learn how the MOCMI team uses laser therapy to speed up the healing process, promote tissue regeneration, and relieve pain and inflammation in Hawaiian green sea turtles affected by flipper entanglement. Join Drs. Gregg A. Levine, Paul J. McCurdy, Thomas J. Cutt, Chanel Browne, and Summer L. Martin as they detail the laser therapy and blue light protocols used as part of a multi-modal plan of care, then host a live Q&A panel.

Key Talking Points:

- Learn about the MOCMI sea turtle stranding response & rehabilitation program
 - Data about sea turtle strandings on Maui
 - Multi-modal treatment protocols for injured sea turtles
 - The role of laser therapy in rehabilitation protocols
 - Review of case studies, before and after images, and patient results
- A. Guest Speaker - *Gregg Levine DVM*, my professional life as a veterinarian has been a broad mix of small animal veterinary practice and marine animal and conservation medicine. I attended University and Veterinary School in the Rocky Mountain State of Colorado (1998- CSU-DVM). In my work as a small animal veterinarian, I integrate veterinary acupuncture (CSU 2007 acupuncture certification), laser and rehabilitation therapy (2015- Canine Rehabilitation Institute - rehabilitation therapist certification) to complement traditional veterinary therapy. This most recent work of integrating multimodal therapy of laser and rehabilitation therapy to treat sea turtles with entanglement injuries has really been an exciting time.
- B. Link - <https://info.multiradiance.com/webinar-laser-therapy-rescue-hawaiian-green-sea-turtles>

THE VALUE OF THERMAL MITIGATION IN PHOTOBIO-MODULATION

Over the years, laser therapy has offered tremendous clinical value based on the ability to deliver therapeutic doses of light to tissue at clinically relevant depths. In the past, it was challenging to deliver high doses of light with high power laser therapy systems while mitigating the thermal effect on tissue--until now.

Multi Radiance Veterinary has made some new breakthroughs in protocol development and delivery techniques that allow delivery of appropriate energy to target tissue while minimizing thermal effect.

Join Douglas Johnson, ATC, Multi Radiance Chief Science Officer of Clinical and Scientific Affairs and Debbie (Gross) Torraca, DPT, MSPT, CCRP, CCMT, Board-Certified Orthopedic Clinical Specialist Emeritus as they discuss the science and clinical impact of non thermal photobiomodulation on clinical practice.

Key Talking Points

- Techniques to enhance the “light utility” of the tissue
 - Learn how to achieve the optimal balance of light penetration and thermal mitigation
 - Discover how to identify a calculated prescription of combined wavelengths and power densities to maximize outcomes
 - Get the supportive research behind thermal mitigation
 - Hear real-world experiences that bring the concepts of research into the practical applications in the clinic
- A. Host – *Douglas Johnson, CSO @ Multi Radiance Medical, ATC*
- B. Guest Speaker - *Dr. Debbie Torraca DPT, MSPT, CCRP, CCMT, Board-Certified Orthopedic Clinical Specialist Emeritus* has been involved in the field of canine physical rehabilitation and conditioning for over twenty-five years. She began her career in human sports medicine and quickly made the transformation over to canine physical rehabilitation and sports medicine.. She absolutely loves spending time in her clinics, Wizard of Paws Physical Rehabilitation for Animals, LLC (www.wizardofpaws.net).
- C. Link - <https://info.multiradiance.com/webinar-value-of-thermal-mitigation-photobiomodulation>

INNOVATIVE PROACTIVE CARE FOR SENIOR PETS: MEDICAL THERMAL IMAGING AND PHOTOCEUTICAL USE IN THE GERIATRIC DOG

As pets age their owners often misinterpret the day-to-day signs of chronic age-related pain. What pet owners do notice is their pet(s) slowing down and this is often attributed to a normal process of aging. Encouraging pet owners to visit their veterinarian’s office is the first step in offering proactive care and encouraging their involvement with home care.

Tune in to hear Curtis W. Dewey DVM, MS, CTCVMP, CCRP, DACVIM (Neurology), DACVS, present the use of medical thermal imaging to screen and visually communicate the unspoken pain of many aging pets. The clinic to home approach to photoceutical care can provide a long-term solution for pain in senior pets.

Key Takeaways:

- What is medical thermal imaging and can we screen for pain in geriatric pets?

- Tips for capturing high quality images and how to read them.
 - The basics of photoceutical (laser) therapy, mechanisms of action, how to prescribe and deliver treatment, based on the symptoms of your geriatric patient.
 - Advantages of combining thermal imaging and photoceutical care for aging pets.
- A. Guest Speaker - *Curtis Wells Dewey* is a Cornell University alumnus (BS-'85, DVM-'89) who has been practicing veterinary medicine for over 30 years. Dr. Dewey completed a rotating small animal internship (UGA), a small animal surgery residency (UGA), and a small animal neurology/neurosurgery residency (UC Davis). He subsequently accepted a faculty position at Texas A&M University where he worked for over 5 years. Dr. Dewey is board-certified in neurology (Diplomate ACVIM-Neurology) and surgery (Diplomate ACVS) and has a masters degree (MS-UGA '93) in anatomy. He is also a certified TCVM (Traditional Chinese Veterinary Medicine) practitioner (CTCVMP) and a certified canine rehabilitation practitioner (CCRP). Dr. Dewey served as a faculty neurologist at Cornell University for nearly 15 years. In 2019, Dr. Dewey opened his own integrative specialty hospital-Elemental Pet Vets, PLLC-located in Freeville, New York. He is also currently an Adjunct Professor at Chi University (formerly Chi Institute) and an Affiliate Professor at Long Island University College of Veterinary Medicine. Dr. Dewey has authored/coauthored many books, textbooks, book chapters and peer-reviewed journal articles over the years. Dr. Dewey was the 2014 recipient of the ACVECC Hills Jack Mara Award for Scientific Achievement, the 2021 New York State Veterinary Medical Society's Outstanding Service to Veterinary Medicine Award, and the 2021 DVM360 Veterinary Hero Award for Integrative Medicine. Since re-entering private practice, Dr. Dewey has continued to conduct and publish pragmatic and clinically relevant research.
- B. Link - <https://info.multiradiance.com/on-demand-webinar-innovative-proactive-care-senior-pets>

ENHANCING QUALITY OF LIFE BY COMBINING LASER THERAPY AND REHABILITATION

Physiotherapy has come to the forefront as a critical service in veterinary practice. Did you know that photoceuticals can play a key role in veterinary physical therapy?

In this presentation, Ana Cantu, DVM, CCRP, Dipl., examines ways to approach patients with physical limitations and discuss the multimodal treatments she leverages when developing a physical therapy plan of care. She reviews several clinical cases to illustrate real-world applications of the tools available, and how to implement them into your practice.

Key Talking Points:

- Statistics about physiotherapy in veterinary medicine
- Different modalities available to veterinarians and pet owners

- Benefits of multimodal treatments in our patients
 - Uses of photoceuticals beyond the post-surgical applications
 - Clinical cases and the 3 stages of rehabilitation programs
- A. Guest Speaker - *Dr. Ana Cantu* is a certified Veterinarian since 2008 and Veterinary Physiotherapist since 2012. She is a Certified Canine Rehabilitation Practitioner (CCRP) by the University of Tennessee. Dr. Cantu is Director/ Owner of the first veterinary physiotherapy center in Guadalajara, México since 2015 and Former Director and Founder of the AMFISIOVET (Mexican Veterinary Physiotherapy association).
- B. Link - <https://info.multiradiance.com/on-demand-webinar-enhancing-quality-of-life-rehabilitation-tools>

THE ROLE OF POWER IN PHOTOCEUTICAL DEVICES: WHEN TO REACH FOR A CLASS 4 LASER

When is the right time to use a high-powered class 4 laser device? Whether you are new to class 4 laser technology or a seasoned professional, this webinar shares clinical insight for achieving better patient outcomes. Iker Asteinza, DVM, MSc, Dipl. reviews the concept of a “photoceutical” and shares which device parameters will optimize dose and outcomes based on your patient’s needs.

This webinar focuses on the specifications and applications of class 4 laser photoceuticals in a complete laser therapy approach to care. Class 4 laser technology is not new, but our understanding of its place in a laser-based approach to care has evolved.

Dr. Asteinza discusses practical considerations when adding high-powered laser therapy into your existing photoceutical protocols:

- High intensity laser therapy: what is new, and where should we use it?
 - Why would we use a different photoceutical at each stage of care to produce better outcomes?
 - Recommended clinical application for each type of photoceutical device
 - Advances and advantages of implementing high intensity laser technology
- A. Guest Speaker - *Iker Asteinza Castro*, Doctor in Veterinary Medicine - Universidad Nacional Autónoma de México; Medicine and Surgery of Dogs and Cats Diploma - Universidad Nacional Autónoma de México Master in Science - Universidad Nacional Autónoma de México; Associate Professor, Small animal department - Universidad Del Valle de México; Owner and Director of Two Veterinary Hospitals in Mexico City; Animal Home Founder and member of the board of the Mexican Association of Veterinary Hospitals
- B. Link - <https://info.multiradiance.com/webinar-role-of-power-photoceutical-devices-class-4-laser>

ADVANCEMENTS IN THE TREATMENT OF DEGENERATIVE MYELOPATHY

Cornell University defines degenerative myelopathy (DM) as “a disease that affects the spinal cord in dogs, causing progressive muscle weakness and loss of coordination.” Common in breeds like German shepherds, boxers, Bernese mountain dogs and others, this debilitating disease currently has no cure. New treatment options are available, however, to help manage effects and improve quality of life.

In this webinar, Dr. Debbie (Gross) Torraca examines the multimodal management of DM, including laser therapy, core strengthening, therapeutic exercise, functional activities, and ongoing assessment using quality of life measures. Focusing on recent advancements in laser therapy, Dr. Torraca also shares new treatment protocols designed to prolong function in dogs with DM.

Key Talking Points:

- Review of degenerative myelopathy: causes, symptoms, and current treatment options
 - How to incorporate multiple modalities for optimal outcomes
 - New laser therapy protocols to help prolong the quality of life of dogs with DM
- A. Guest Speaker - *Dr. Debbie Torraca DPT, MSPT, CCRP, CCMT, Board-Certified Orthopedic Clinical Specialist Emeritus* has been involved in the field of canine physical rehabilitation and conditioning for over twenty-five years. She began her career in human sports medicine and quickly made the transformation over to canine physical rehabilitation and sports medicine. (www.wizardofpaws.net).
- B. Link - <https://info.multiradiance.com/webinar-advancements-treatments-degenerative-myelopathy>

PHOTOCEUTICALS 101: USING LIGHT AS MEDICINE

Therapeutic lasers are a well-established modality, but many veterinary professionals do not yet fully understand the underlying science. In this free webinar, Shauna Cantwell, DVM, MVSc, Diplomate ACVAA, CVA, CVSMT, explores the concept of photoceuticals and how to use light as medicine to address acute inflammation, treat chronic pain, improve range of motion, and more.

Whether you are new to laser therapy or just need a quick refresher, Dr. Cantwell explains the fundamentals of this modality to help you optimize patient outcomes. Additionally, she will share tips and tricks from her real-world clinical cases.

Key Talking Points Include:

- Defining photoceuticals: light as medicine
- Mechanisms of action: wavelengths, dose, frequency and more

- Review of real-world clinical cases
- A. Guest Speaker - *Dr. Shauna Cantwell* of Medicine Wheel Veterinary Services has been a practicing veterinarian since 1989 in Canada, and broad experience brought her to this point in her career. She started out as an equine/mixed animal practitioner, specifically based on her equine competitive background. Her interest in detail and physiology brought her to specialize in Anesthesiology in 1998, with board-certification and a Masters degree concentrating on respiratory physiology. This phase of her development created a strong focus in education, respiratory and neurophysiology, and pain management, and she also began studying eastern medicine, acupuncture and animal chiropractic.
 - B. Link - <https://info.multiradiance.com/webinar-photoceuticals-101-using-light-as-medicine>

INVESTING IN CARE: MAXIMIZING YOUR VETERINARY PRACTICE'S POTENTIAL WITH NEW EQUIPMENT AND SERVICES

The competitive landscape of veterinary practice has changed dramatically over the last decade. There are more practices, increased specialization of services, and challenges attracting and retaining staff. Veterinarians can no longer depend on price increases to drive growth. It is time to think outside the box and make your practice more competitive by providing services clients are searching for with new technology.

In this webinar, Heather Prendergast, RVT, CVPM, SPHR explores options for expanding your services, including finding a niche that will set your practice apart. She will review the business planning process, how to perform a cost analysis, tips for pricing development, team training, and marketing tactics needed to implement new services.

Key Talking Points Include:

- How to add services to sustain practice growth
 - Analyzing current service options, assessing the competition, and capitalizing on capabilities and passions
 - Equipment considerations to support the hospital's strategic plan
 - Non-tangible assets such as emotional ownership and team member retention
- A. Guest Speaker - *Heather Prendergast, RVT, CVPM, SPHR* has spent over 30 years in the veterinary industry, with 20 years in small animal practice. She has taught for several years for both veterinary technology and assistance programs and has authored the book “Front Office Management for the Veterinary Team”, with the 4th edition to be released summer of 2023. Heather has also authored the book “Review Questions and Answers for Veterinary Technicians” that are preparing to sit for the VTNE, now in its 6th

edition. She also serves as President-Elect with the Viticus Group (formally known as WVC) Board of Directors, as Secretary with the Pet Nutrition Alliance, and as a Board Director with NAVTA.

- B. Link - <https://info.multiradiance.com/webinar-new-equipment-services>

MASTERING PAIN MANAGEMENT: A COMPREHENSIVE APPROACH TO TARGET, TREAT, AND TRACK BOTH SIMPLE AND COMPLEX PAIN

Hidden pet pain has been commonly referred to as the ‘secret pandemic.’ Pain is expected and usually recognized in older animals, but often goes undiagnosed in younger animals. Why do we miss pain in younger patients? The signs are often mistaken for behavioral issues, but if we dig deeper, pain often plays a role.

In this free webinar, Debbie (Gross) Torraca, DPT, MSPT, CCRP, CCMT, Board-Certified Orthopedic Clinical Specialist Emeritus shares how to develop a complete, non-invasive pain management diagnostic and treatment system for patients of all ages. Dr. Torraca discusses how to combine thermal screenings, diagnostic imaging, and laser therapy to identify potential problem areas, hone in on a firm diagnosis, deliver targeted treatments, and objectively track treatment progress.

Learning Objectives:

- Understand the impact of pain and proactively recognize it in your patients
 - Learn how to screen for and monitor pain with thermal imaging
 - Hands-on techniques for proactively identifying pain
 - Learn how to manage pain using photobiomodulation and other modalities
 - Explore at-home pain treatment programs for long-lasting relief
- A. Guest Speaker - *Dr. Debbie Torraca DPT, MSPT, CCRP, CCMT, Board-Certified Orthopedic Clinical Specialist Emeritus* has been involved in the field of canine physical rehabilitation and conditioning for over twenty-five years. She began her career in human sports medicine and quickly made the transformation over to canine physical rehabilitation and sports medicine.
- B. Link - <https://info.multiradiance.com/webinar-mastering-pain-management-target-treat-track>

UNDERSTANDING MUSCLE ATROPHY: CAUSES, CONSEQUENCES, AND SOLUTIONS

Muscle atrophy refers to the gradual weakening or degeneration of an animal’s muscle tissues that primarily affects hind limbs. Most often caused by advancing age and insufficient physical activity,

general practitioners and rehab specialists can leverage modalities such as laser therapy to improve muscle strength and mobility.

In this free webinar, Ana Cantu, DVM, CCRP, Dipl. explores muscle atrophy management. Dr. Cantu covers preventive strategies, how to decide when treatment is required, and the effective use of physical techniques to address this issue. She also shares laser therapy protocols designed to improve quality of life in these patients.

Key Talking Points:

- Defining muscle atrophy and its stages
 - Importance of prevention and early intervention in improving quality of life
 - Implementing modalities to improve outcomes, including laser therapy
- A. Guest Speaker - *Dr. Ana Cantu* is a certified Veterinarian since 2008 and Veterinary Physiotherapist since 2012. She is a Certified Canine Rehabilitation Practitioner (CCRP) by the University of Tennessee. Dr. Cantu is Director/ Owner of the first veterinary physiotherapy center in Guadalajara, México since 2015 and Former Director and Founder of the AMFISIOVET (Mexican Veterinary Physiotherapy association).
- B. Link - <https://info.multiradiance.com/webinar-muscle-atrophy>

TAKE-HOME LASER THERAPY: ENHANCE OUTCOMES, IMPROVE COMPLIANCE, AND GENERATE REVENUE

Laser therapy has long been used in veterinary practice to provide pain relief and facilitate tissue healing. Chronic or stubborn conditions requiring multiple treatments over days or weeks make compliance a challenge. Take-home laser therapy, which can be prescribed by the veterinarian for at-home use, provides an opportunity to conveniently increase patient compliance for suggested treatment recommendations, all while generating passive revenue for the practice.

In this free webinar, Debbie (Gross) Torraca, DPT, MSPT, CCRP, CCMT, Board-Certified Orthopedic Clinical Specialist Emeritus discusses how to integrate take-home laser therapy into your treatment protocols to enhance outcomes, improve compliance, and generate revenue. She reviews applications, how to identify good candidates, and treatment protocols. Dr. Torraca also discusses implementation strategies, including billing best practices and pet insurance reimbursement.

Key Talking Points

- When and how to use take-home laser therapy
- How to implement at-home laser therapy into your practice
- Best practices for billing and handling, including pet insurance reimbursement

- A. Guest Speaker - *Dr. Debbie Torraca DPT, MSPT, CCRP, CCMT, Board-Certified Orthopedic Clinical Specialist Emeritus* has been involved in the field of canine physical rehabilitation and conditioning for over twenty-five years. She began her career in human sports medicine and quickly made the transformation over to canine physical rehabilitation and sports medicine.
- B. Link - <https://info.multiradiance.com/webinar-take-home-laser-therapy>

LASER THERAPY: A NEW PARADIGM IN VETERINARY MEDICINE

Laser therapy, also known as photobiomodulation therapy (PBMT), has transformed patient care in veterinary medicine for more than a decade. With a broad range of clinical applications, this non-invasive, drug-free modality is used for pain management, wound healing, inflammation reduction, and much more.

In this on-demand webinar, Ronald J. Riegel, DVM explores the fundamental mechanisms and applications of veterinary laser therapy. Attendees will learn about the concept of “photoceuticals” and how to customize treatments for individual patients, considering factors like wavelength and treatment duration. Dr. Riegel also discusses the future of laser therapy through emerging trends and research.

Key Talking Points Will Include:

- Basic concepts and mechanisms of laser therapy
 - Defining photoceuticals and how to use light as medicine to customize individual treatments
 - Emerging trends, applications, and research in the field
- A. Guest Speaker - Dr. Ronald Riegel has been a veterinary practice owner for 28 years. He has spent the last 14 years lecturing nationally and internationally on infrared thermal imaging (IRTI) and photobiomodulation therapy (PBMT). Dr. Riegel is the co-founder of AIMLA (American Institute of Medical Laser Applications) selling education on PBMT and IRTI. He was the Veterinary Medical Director for Digatherm by Infrared Cameras Inc. prior to coming on board with Multi Radiance Medical as their Veterinary Medical Director.
- B. Link: <https://info.multiradiance.com/webinar-laser-therapy-new-paradigm>

ILLUMINATING INTERVERTEBRAL DISC DISEASE: A MULTIMODAL APPROACH TO DIAGNOSIS, TREATMENT, AND MONITORING

Intervertebral disc disease (IVDD) is a degenerative spinal disorder common in certain dog breeds. Associated with debilitating pain and significantly impaired movement, this disease greatly

diminishes quality of life in affected patients. With no cure, early detection and treatment are key to effective disease management.

In this free webinar, Dr. Torraca will explore a multimodal approach to diagnosing and managing IVDD patients. Attendees will learn how to use infrared thermal imaging to proactively detect thermal abnormalities consistent with IVDD. Dr. Torraca will then share how to use these findings to guide diagnostics, and increase client compliance with recommended tests, for earlier detection. Dr. Torraca will also share conservative and surgical treatment approaches (for both upper and lower motor neuron cases) with a focus on laser therapy as an effective, non-invasive option for reducing pain and improving mobility.

Learning objectives include:

- Symptoms, diagnosis, and impact of IVDD
 - Using thermal imaging to proactively screen for IVDD (and other neurologic conditions)
 - Surgical intervention cost and recovery considerations
 - Advantages of laser therapy and which photochemical device to use
 - Multimodal approaches to assist both upper and lower motor neuron IVDD cases
 - Maximizing treatment benefits with at-home care plans
- A. Guest Speaker - *Dr. Debbie Torraca DPT, MSPT, CCRP, CCMT, Board-Certified Orthopedic Clinical Specialist Emeritus* has been involved in the field of canine physical rehabilitation and conditioning for over twenty-five years. She began her career in human sports medicine and quickly made the transformation over to canine physical rehabilitation and sports medicine.
- B. Link - [Coming Soon](#)