

**Healing Oasis Wellness Center 2021 Conference**  
***Inflammation: The Boogiemán of Recovery and Rehabilitation***  
 November 5<sup>th</sup> – 7<sup>th</sup>, 2021

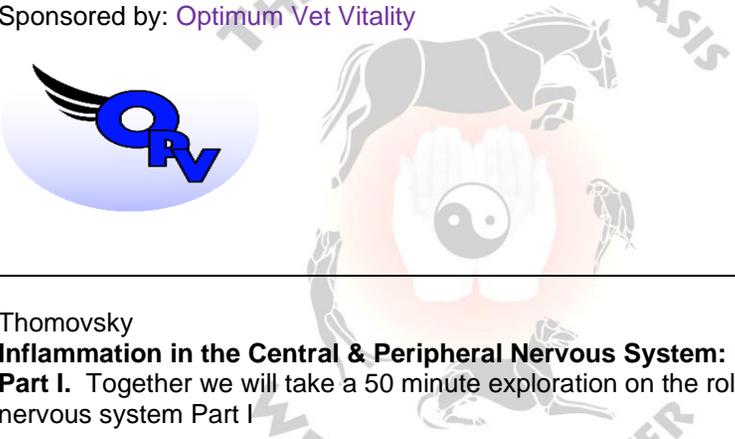
**LOCATION:** Face-to-Face at the National University of Health Sciences or from your couch. This year marks our 20<sup>th</sup> year providing conferences. Do not miss this opportunity to celebrate with us!

SCHEDULE

**Friday, Nov 5<sup>th</sup>, 2021** (Total # of CE contact hours for the day = **FIVE (5)**)

Time: General Session Track:

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| <p><b>1:00 – 1:50 pm</b></p> | <p>McCauley<br/> <b>Laser Therapy: Inflammation &amp; Beyond.</b> From osteoarthritis to Syringomyelia, a laser is an AMAZING tool when used correctly. Understand how to get the best results from your laser no matter which laser you have, Class I, III, or IV<br/>         Sponsored by: <a href="#">Optimum Vet Vitality</a></p>    |
| <p><b>2:00 – 2:50 pm</b></p> | <p>McCauley<br/> <b>Joint Pain and Inflammation: Manual Therapies of the Limb.</b> From acute injury to chronic osteoarthritis, manual therapy can work wonders. Understand when to use which grade of joint mobilization, review the basics of spin, glide, and roll, and then go through the joints to learn how to relieve pain and inflammation and improve range of motion.<br/>         Sponsored by: <a href="#">Optimum Vet Vitality</a></p>  |

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| <b>2:50 – 3:30 pm</b> | BREAK<br>Sponsored by:  |
| <b>3:30 – 4:20 pm</b> | <p>McCauley<br/> <b>PEMF: A Clinical and Scientific Treatment Modality.</b> Pulsed Electromagnetic Field Therapy has been used in the human medical field for decades. The variables can create very different physiological effects in the body, including improved circulation, pain relief, bone healing, anxiety relief, and the reduction of inflammation. We will review some of the research, indications, and methodology to help you use this technology to improve your patient outcomes.<br/> Sponsored by: <a href="#">Optimum Vet Vitality</a></p>  |
| <b>4:30 – 5:20 pm</b> | <p>Thomovsky<br/> <b>Inflammation in the Central &amp; Peripheral Nervous System: Friend or Foe?</b><br/> <b>Part I.</b> Together we will take a 50 minute exploration on the role of inflammation in the central and peripheral nervous system Part I</p>  |
| <b>5:30 – 6:20 pm</b> | <p>Thomovsky<br/> <b>Inflammation in the Central &amp; Peripheral Nervous System: Friend or Foe?</b><br/> <b>Part II.</b> Together we will take a 50 minute exploration on the role of inflammation in various disease processes and then finish up with role of rehabilitation as a therapy when neuroinflammation is present.</p>   |
| <b>6:20 pm</b>        | Get together  |

**Saturday, Nov 6<sup>th</sup>, 2021 (Total # of CE contact hours for the day = EIGHT (8))**

Time

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| <b>7:00 – 7:50AM</b> | Standard Process: | Standard Process: |
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| Presentation & BF    | One hour of CE provided by Std. Process<br>   | <br>One hour extra of CE provided by Std. Process   |
| <b>SPLIT SESSION</b> | CANINE TRACK  | <b>EQUINE TRACK</b>  |
| 8:00 – 8:50 am       | <p><b>Alvarez</b><br/> <b>Obesity and Effects on Musculoskeletal System.</b> In this program, participants will learn how obesity affects systemic and musculoskeletal health and identify at-risk patients. We will review the importance of obesity management in the treatment of orthopedic conditions, including osteoarthritis. Participants will learn how to calculate resting and daily energy requirements to achieve weight loss. In addition, we will review how to develop simple and effective weight loss plans with communication strategies that will improve owner compliance.<br/>         Sponsored by:</p>  | <p><b>Benoit</b><br/> <b>Pain in the Neck.</b> The cervical axis of the horse has been studied a long time ago. Still, the main interest was about vertebrae alignment and potential medulla canal compression, which obviously led to obvious proprioception deficits and neurological disorders. The "pain in the neck" has more clinical expressions and an in-depth clinical exam in relation with advanced imaging technology, allow us nowadays to be more accurate.<br/>         We will discuss how mild findings around facet joints, caudal nerve roots, and other sources of "neck" pain can have various clinical signs and treatment outcomes</p> |
| 9:00 – 9:50 am       | <p><b>Alvarez</b><br/> <b>Latest Advances in Management of Osteoarthritis.</b> In this lecture, participants will learn the pathophysiology of osteoarthritis (OA), the changes that affect the joints and periarticular structures, including inflammatory mediators involved in the progression of OA. Advancements in targeted therapies will be</p>   | <p><b>Benoit</b><br/> <b>Gelding Scars: Don't Let Castration Dampen Their Performance.</b><br/>         When gelding male horses, a few structures can be involved with adhesions. Most of the time, these healing "scars" can create sufficient pain to enhance a variety of clinical findings such as defect of hindquarters extension, defect of push,</p>  |

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|                         | <p>reviewed along with current literature. Participants will learn about novel therapies for OA, including anti-nerve growth factor monoclonal antibodies, intra-articular radionucleotide therapy, regenerative therapies, and nutraceuticals, including cannabinoids.<br/>Sponsored by:</p>    | <p>and mysterious hind limb lameness. We will overview the clinical presentation of such issue, differential diagnosis, and potential treatments.</p>   |
| <p>9:50 – 10:30 am</p>  | <p>BREAK<br/>Sponsored by:</p>   | <p>BREAK<br/>Sponsored by:</p>   |
| <p>10:30 – 11:20 pm</p> | <p><b>Alvarez</b><br/><b>Rehabilitation According to Tissue Healing Principles.</b> In this lecture, participants will learn about tissue healing patterns, focused on musculoskeletal tissues and how this affects the patient's rehabilitation. Principles of rehabilitation will be applied according to healing stages to develop the most effective treatments. We will cover how patterns of tissue healing affect customized treatment plans, goal setting, pain management, use of therapeutic exercises, modalities, and manual therapies. This lecture will frequently reference Kirby-Shaw, Alvarez, et al. "Fundamental principles of rehabilitation and musculoskeletal</p> | <p><b>Benoit</b><br/><b>Orthobiologics and Joint Inflammation: Avoiding a Hollywood Divorce.</b><br/>Joint inflammation on horses has been the top-ranking debilitating pathology for athletes for decades and the leading cause of retirement from races, sports, or even leisure. We have found ways to control somehow the situation, but the Pandora box of orthobiologics has opened our eyes and a new era of treatment opportunities. We will present the most current techniques we use in our practice and what particular situation to avoid a "Hollywood divorce."</p> |

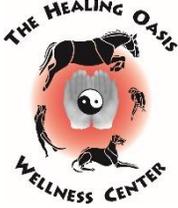
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|                 | <p>tissue healing" Vet Surg. 2020 Jan; 49(1):22-32.</p> <p><b>Sponsored by:</b></p>    |   |
| 11:30 – 1:00 PM | <p>LUNCH</p> <p>SPONSORED BY: <b>CUTTING EDGE LASER</b></p>    | <p>LUNCH</p> <p>SPONSORED BY: <b>CUTTING EDGE LASER</b></p>    |
| 1:00 – 1:50 pm  | <p><b>Medina</b><br/> <b>Integrative Management of Intervertebral Disc Disease.</b> This lecture will focus on intervertebral disc disease in dogs, how inflammation plays a role in this condition, and how rehabilitation therapy can benefit these patients.</p> <p><b>Sponsored by:</b></p>  | <p><b>Williams</b><br/> <b>Expand Your Ultrasound Toolchest</b><br/> This lecture will provide an overview of the ultrasound tool. It will provide you with a better understanding of how it will allow you to utilize this amazing tool throughout the equine body. The presentation will include dynamic imaging, or imaging the body in motion, objectively evaluating tissue relationships. Take advantage of all that ultrasound can do for your practice!</p> |
| 2:00 – 2:50 pm  | <p><b>Medina</b><br/> <b>Sprains and strain: Treatment Highlights:</b><br/> This lecture will focus on the most common sprains and strains in dogs, how inflammation plays a role in these conditions, and how rehabilitation therapy can benefit these</p>  | <p><b>Williams</b><br/> <b>The Equine Back: A Thorough Clinical Approach. Sonographic &amp; Radiographic Combined Imaging Survey</b><br/> The back is a very common sight of performance problems in the horse. Learn how to evaluate</p>   |

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|                              | <p>patients. The common conditions discussed will include carpal hyperextension, biceps brachii strain, iliopsoas strain, and fibrotic myopathy.<br/>Sponsored by:</p>    | <p>and diagnose back problems in the equine more thoroughly. We often limit the amount of objective information we offer our clients when diagnosing me going back think surveys! This includes evaluation of multifidus muscles and so psoas muscles. Sponsored by:</p>         |
| <p><b>2:50 – 3:20 pm</b></p> | <p><b>BREAK</b><br/>Sponsored by:</p>   | <p><b>BREAK</b><br/>Sponsored by:</p>    |
| <p><b>3:20 – 4:10 pm</b></p> | <p><b>Medina</b><br/><b>The Growing Puppy: Approaches to Developmental Orthopedic Diseases</b><br/>This lecture will focus on common developmental orthopedic diseases, how inflammation plays a role in these conditions, and how rehabilitation therapy can benefit these patients. The common conditions discussed will include hip dysplasia, elbow dysplasia, osteochondritis dissecans, hypertrophic osteodystrophy, and panosteitis.<br/>Sponsored by:</p> | <p><b>Williams</b><br/><b>Scaffold Based Tissue Regeneration Therapy: Extracellular Matrices (Acell-UBM)</b><br/>Regenerative medicine? Repetitive medicine? Or modulating trophic mechanisms? What are we doing? Stem cells and PRP get a significant amount of press attention; extracellular matrices are another powerful branch on the Orthobiologic tree.</p> |

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| <b>GENERAL SESSION</b> | <b>GENERAL SESSION</b>   | <b>GENERAL SESSION</b>  |
| 4:20 – 5:10 pm         | <p><b>Hembrooke</b><br/> <b>The What, When, Where, Why and How of Nutrition's Role in Animal Health &amp; Inflammation (Part I and II)</b><br/> This entails a look at how food intake affects cell structure and function. The scope will be widened from the microscopic environment of a cell to the animal as a whole.<br/> Sponsored by: <b>Platinum Performance</b></p>  <p>Good Nutrition is Good Medicine®</p> | <p><b>Hembrooke</b><br/> <b>SAME LECTURE – MAIN LECTURE HALL</b></p> <p>Sponsored by: <b>Platinum Performance</b></p>  <p>Good Nutrition is Good Medicine®</p> |
| 5:20 – 6:10 pm         | <p><b>Hembrooke</b><br/> <b>Continuation</b><br/> Sponsored by: <b>Platinum Performance</b></p>  <p>Good Nutrition is Good Medicine®</p>   | <p><b>Hembrooke</b><br/> <b>SAME LECTURE – MAIN LECTURE HALL</b><br/> Sponsored by: <b>Platinum Performance</b></p>  <p>Good Nutrition is Good Medicine®</p> |

**Sunday, Nov 7<sup>th</sup>, 2021** (Total # of CE contact hours for the day = **FOUR**)  
Time GENERAL SESSION

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| <p><b>8:00 – 8:50 AM</b></p>   | <p><b>Hembrooke</b><br/> <b>An Ounce of Nutrition is Worth a Pound of Medical Intervention.</b> Has diet and supplementation made a difference in an animal's life? What can we look for in the future?<br/> Sponsored by: <b>Platinum Performance</b></p>  <p>Good Nutrition is Good Medicine®</p>   |
| <p><b>9:00 – 9:50 am</b></p>   | <p><b>Cramer</b><br/> <b>Fascia and Its Implications in Manual Therapy</b><br/> This lecture will present a historical perspective and fascia extension. The presentation will address the general characteristics, anatomical composition, and the relevance of its connections pertaining to manual therapies. Current and clinical research will also be included throughout the presentation.<br/> Sponsored by: <b>Healing Oasis Wellness Center</b></p>    |
| <p><b>9:50 – 10:00 am</b></p>  | <p>BREAK</p>  |
| <p><b>10:00 – 10:50 am</b></p> | <p><b>Ihrke</b><br/> <b>A Picture is Worth a Thousand Words: Inflammation, A Visual Representation</b><br/> Inflammation is a complex biological response of body tissues to harmful stimuli and is a protective response involving immune cells, blood vessels, and molecular mediators. The function of inflammation is to eliminate the initial cause of cell injury, clear out necrotic cells and tissues damaged from the original insult and the inflammatory process, and initiate tissue repair. This lecture will discuss the signs of inflammation in a case-based format with radiographs,</p> |

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|                                  | <p>musculoskeletal ultrasound imaging, advanced imaging (CT/MRI) and digital thermography.<br/>Sponsored by: <b>Healing Oasis Wellness Center</b></p>   |
| <p><b>11:00 – 11:50 Noon</b></p> | <p>Rivera<br/><b>Manual Therapy, Inflammation and Fascia: A Practical Hands-On Approach</b><br/>This lecture will describe and discuss several techniques that can help minimize the side effect of inflammation, improving patient outcomes.<br/>Sponsored by: <b>Healing Oasis Wellness Center</b></p>   |

**TOTAL CE CONTACT HOURS: SEVENTEEN (17)HRS. For doctors or technicians.**