



*One of only 15 farriers in the United States qualified for and accepted to the Royal Veterinary College's highly accredited Equine Locomotor Research program.*

### **Other Professional Development: Cumulative Class Details and Areas of Study**

- Correlation of radiographic soft tissue parameters to external landmarks, and internal connectedness of the suspension and support components
- How to obtain the most informative radiographs, and how to use the radiographic blueprint for optimum results and the value of radiographic guided therapeutic shoeing
- Review of mismatched feet- inside and out - and where the problem originates and why they often resist the best of Farrier efforts
- Defining and classifying various levels of deep flexor suspension, from the lowest grade club foot to the spontaneous DDFT contraction syndrome- treatment and management options
- Crushed heel syndrome- review of the dysfunctional components and known factors that can contribute to the cause and effect and early detection. Improved management practices.
- Navicular syndrome and the correlation between TSA and bone lesions. DDFT tension influence and managing performance horse cases using mechanics dictated by radiographs.
- Working with the veterinarian with a pre-purchase exam
- Examining the bilaterally lame horse and developing a tentative DX; developing a definitive DX for laminitis and the sequence of cascading events from the lowest insult to the highest scale and debilitating complications.
- Proactive approaches to improve damage assessment and employ efficient emergency mechanical treatment.
- Interpreting vascular alterations consistent with various stages of the syndrome. Influence of the DDFT relative to vascular patency and treatment options relative to damage and chronicity, rotation, penetration, and or sinking.
- How to plan the mechanical strategy to enhance much needed foot mass, coffin and pastern symmetry vs. palmar rim imbalance and coffin bone symmetry.
- How to enhance heel mass when presented crushed heels, prevent it and restore digital cushion when compressed or excessively stretched.
- Selecting the optimum mechanical shoe for a variety discipline (including speed horses, sport horses, and horses undergoing rehabilitation.
- How to use radiographs to tweak the trim to your plan, how to rocker shoes for various levels of mechanical requirements including flat shoes, full rocker shoes, rail shoes, and others.
- Enhancing mechanics with composites from performance to hospital plates.
- How to optimize placement and shoe attachment for a variety of circumstances.
- Let's focus on laminitis:

1. The differential vs definitive diagnosis (damage assessment and mechanical reversal treatment).
  2. The sequence of events from the mildest form by definition to the highest level of soft tissue and bone damage
  3. Damage assessment tools for the acute case
  4. Gross exam
  5. Comparative Radiographs
  6. Comparative Venograms
  7. Clinical response
  8. Case study examples
- When, why, and how to formulate the most efficient reperfusion protocol using sheer mechanics and how to monitor the response and efficacy of chosen treatment.
  - When and why to make the surgical decision.
  - Pros and cons of the ddf tenotomy.
  - What are the medical benefits of drastically reducing ddf tension on failing laminae and how do sinkers differ from those that rotate?
  - Interpreting the chronic case radiographs and venograms relative to history and gross findings. • What are the options for a quality life?
  - Hands on clinic. Using cadaver feet the focus is to help veterinarians and farriers become more proficient in:
    1. Reading the external characteristics
    2. Gathering purpose driven radiographic information
    3. Planning the best mechanical approach
    4. Trimming the foot using radiographic control
    5. Selecting the best shoe and modifying it for optimum mechanics
    6. Applying the shoe for a variety of pathological issues.
    7. How to make a negative foot mold ,the positive ,trim and shoe for a specific radiographic case
    8. Rockering hospital plates
    9. Shoe for the knuckled over chronic case
    10. Positive pressure bar
    11. The hook nail technique
  - Shoe modification strategies for shoeing displaced heels and quarter cracks
  - Forging techniques for selected competition shoes
  - Anterior/posterior balance: strategies for treating club feet, mismatched feet, and negative palmar angles
  - Angular limb deformities in foals and how to correct
  - Strategies for shoeing the hind end
  - FEI Updates on Soundness and Rules
  - Rehabilitation Following Injury
  - Lameness Associated with The Foot
  - Management of Suspensory Disease
  - The Reality of Perineural Nerve Blocks
  - Pre-Purchase Exams in The Sport Horse
  - Joint Therapies
  - Lacerations Affecting Synovial Structures