

## **Dr. Redden's Equine Podiatry Course Syllabus July 30 - August 3, 2018**

R.F. Redden, DVM  
8235 McCowans Ferry Rd  
Versailles, KY 40383  
859-983-6690

### **Monday Jul 30**

8:00 - 9:00: How to better understand what we see.

9:00 - 10:00: How to obtain the most informative radiographs.

10:00 - 10:30: Break

10:30 – 12:00: How to correlate soft tissue parameter information with external landmarks.

12:00 – 1:00: Lunch

1:00 – 2:00: How to use the radiographic blueprint for optimum results.

2:00 – 3:00: How to better understand the mechanical formula.

3:30 – 5:00: The value of radiographic guided therapeutic shoeing. (This lecture includes supportive evidence gathered from case studies).

### **Tuesday Jul 31**

8:00 – 10:00: How to plan the mechanical strategy to enhance:

- Much needed foot mass.
- Coffin and pastern symmetry vs. palmar rim imbalance and coffin bone symmetry.

10:00 – 10:30: Break

10:30 – 12:00: How to enhance heel mass when presented crushed heels, prevent it and restore digital cushion when compressed or excessively stretched.

12:00 – 1:00: Lunch

1:00 – 3:00: Selecting the optimum mechanical shoe for a variety discipline (including speed horses, sport horses, and horses undergoing rehabilitation.

3:00 – 3:30: Break

3:30 – 5:00: 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.

### **Wednesday Aug 1**

8:00 – 9:00: Let's focus on laminitis.

- The differential vs definitive diagnosis (damage assessment and mechanical reversal treatment).
- The sequence of events from the mildest form by definition to the highest level of soft tissue and bone damage.
- Damage assessment tools for the acute case
- Gross exam
- Comparative Radiographs
- Comparative Venograms
- Clinical response
- Case study examples
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9:00 – 10:00: 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.

10:00 – 10:30: Break

10:30 – 12:00: When and why to make the surgical decision.

12:00 – 1:00: Lunch

1:00 – 2:00: Pros and cons of the ddf tenotomy.

2:00 – 3:00: What are the medical benefits of drastically reducing ddft tension on failing laminae and how do sinkers differ from those that rotate?

3:00 – 3:30 Break

3:30 – 5:00: Interpreting the chronic case radiographs and venograms relative to history and gross findings.

- What are the options for a quality life?

### **Thursday Aug 2 Hands on clinic**

8:00 – 12:00: Hands on clinic limited to 15 attendees.

Using cadaver feet the focus is to help veterinarians and farriers become more proficient in:

- Reading the external characteristics
- Gathering purpose driven radiographic information

- Planning the best mechanical approach Trimming the foot using radiographic control
- Selecting the best shoe and modifying it for optimum mechanics
- Applying the shoe for a variety of pathological issues.

Each team should strive to complete at least 3 cases each by the end of the second day with a variety of shoes.

12:00 – 1:00: Lunch

1:00 – 5:00 Demonstrations by Dr. Redden

- How to make a negative foot mold ,the positive ,trim and shoe for a specific radiographic case
- Rockering hospital plates
- Shoe for the knuckled over chronic case
- Positive pressure bar
- The hook nail technique
- Shoeing with nails outside of the horn wall

Students will be required to bring their basic hand tools such as a crease puller, farrier's knife, shaping and nailing hammer, clinchers, nail cutter, rasp with handle and apron. All of the above will be available for purchase from Nanric at dealer cost.

Veterinarians who are driving are encouraged to bring their x-ray unit's as Dr. Redden will be happy to advise how you can to get the most information out of your particular unit. Please inform us if you are bringing your unit.

**Farriers that are bringing their rig will be compensated for items or gas used. Please let us know if you are bringing your rig.**

### **Friday Aug 3 Hands on Clinic**

8:00 – 12:00 **One live horse per team will be available with a variety of foot issues.**

- To be examined radiographed, trimmed and shod relative to findings.
- Veterinarians will have the opportunity to perform venograms on one foot.

12:00 – 1:00: Lunch

1:00 – 5:00 Students can choose to watch demonstrations or continue working on problematic concerns.

Demonstrations by Dr. Redden or staff

- Derotation Ultimate
- Flat performance heel kicker shoe
- Equilox or Superfast egg bar bumper
- Equilox Rail
- Aluminum welding