



equitherm
it's never just skin deep

Equine Thermography Level I & II

Extensive research in Equine fields has demonstrated that many injuries and physical conditions can be accurately detected using infrared thermography before any physical signs and symptoms are visibly apparent, and it provides a unique way to monitor horse's recovery from intense activity during training and performance, injury and illness.

We provide an extensive training programme for equine vets, physiotherapists, therapy professionals, trainers and other Equine professionals looking to add thermography to their range of services or increase their current level of expertise.

Equine Application

- Thermography applications in the Equine Industry
- History of Equine thermography
- Equine behavior and welfare
- Equine veterinary medicine relating to thermography
- Equine anatomy and physiology
- Basic bio-mechanics of the Equine
- How to image the Equine patient
- Imaging the juvenile patient
- Imaging protocol and procedures
- Environment, what, how, where and when
- Equine Thermoregulation
- Basic pathological conditions relating to blood flow
- Veterinary medicine
- Other diagnostic tools
- Identifying and understanding Artifacts
- Reporting procedures
- Infrared thermography in the assessment of rehabilitation
- Research methods
- Common Injuries in various disciplines
- Health and safety of both human and Equine
- Hands-on thermographic examinations
- Equine Welfare
- Equine Governing bodies
- How to access the equine market

Basic Thermal / Infrared Physics

The Nature of Heat and Temperature

Infrared Energy- Radiation Concepts

- Absorption, Emission and Reflection
- Thermal Imaging and Temperature Measurement
- How instrument Resolution affects the evaluation

Infrared Equipment Overview

- How Infrared Instruments Work
- Instrument operations/techniques
- Features functions and controls, how to set the infrared camera for good, repeatable results
- IR software generic overview

Qualitative Thermography

- Field techniques/procedures
- Optimizing the image
- Elements of a good thermal image
- Methods of analysis
- Producing and recording accurate images
- Thermal focusing and inverting
- Use of color palettes for diagnostics
- Thermal framing

Quantitative Thermography

- Temperature measurement made easy
- The effect of emissivity, distance and angle
- Support data collection
- Checking instrument calibration



For further details or to register please contact:

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