

# Advanced Certification in Veterinary Neuroacupuncture



**Do you have a basic certification in veterinary acupuncture but want to understand more and advance your skills and knowledge to the next level?**

**The Advanced Certification in Veterinary Neuroacupuncture will help you bridge the gap between Traditional Chinese Medicine (TCM) and conventional veterinary medicine through a contemporary exploration and integration of the neurophysiological application of acupuncture in clinical practice.**

You will learn the connection between certain TCM theories and practices and current scientific explanations or theories of acupuncture, and how it works. You will be able to incorporate current scientific acupuncture theory and biomedical science in its application and approach to patient assessment and treatment, along with the application of TCM theory.

You will benefit from collaborative learning opportunities gained through discussion and sharing of information, and you will enjoy the focus on the clinical application of your new knowledge. Problem-solving case studies are included and active forum discussions will provide a range of current clinical conundrums for you to consider. Your mentors will be alongside you every step of the way.

*"The CIVT Neuroacupuncture course has been one of the best courses in my life, providing a deep update on both neurology and acupuncture. I feel more confident on neurologic examination, diagnosis and differentials. Acupuncture deals with the origin of neurological and musculoskeletal disorders, being a terrific medicine to treat both. This course is one you really should consider if you practice acupuncture....highly recommended!"* Dr Maricarmen Barba, Chile, MV, CVA, DHom, ACVN

**This program has been approved for 49 hours of RACE credits in jurisdictions that recognise RACE approval.**

### **Course mentors**

- Dr Michelle Schraeder DVM MEd FAAVA
- Dr Neal Sivula DVM PhD FAAVA GDVWHM Cert IV TAE

### **Course lecturers**

- Dr Susan Wagner DVM MS DACVIM (Neurology)
- Dr Pedro Rivera DVM FACFN DACVSMR FCoAC; Fellow of the American College of Functional Neurology and Diplomate of the American College of Functional Neurology
- Dr Barbara Fougere BSc BVMS (Hons) MODT BHSc (CMed) MHSc (Herb Med) GDVA GDVCHM GD VWHM
- Dr Michelle Schraeder DVM MEd FAAVA
- Dr Neal Sivula DVM PhD FAAVA GDVWHM Cert IV TAE
- Dr Janice L Huntingford DVM DACVSMR (Canine) CVA CVPP CCRT
- Dr Dietrich Graf von Schweinitz BSc DVM MRCVS CVA
- Dr Bonnie Wright DVM DACVAA
- Dr Rick Palmquist DVM GDVCHM
- Dr Patricia Baley DVM PhD

### **Course structure**

The course is comprised of three modules:

- Module 1 – Veterinary Clinical Neurology
- Module 2 – Evidence Basis for Acupuncture and Practical Applications to Common Conditions
- Module 3 – Pain Management

See following page for detailed outline.

### **Duration**

The course is designed to be completed in one year (three to four months per module), however when and how often you study is flexible and driven by the needs of the individual. While there is provision for an extension of time, there will be a fee.

### **Accreditation**

RACE accredited (49 CE points)

IVAS accredited (45 CE points)

### **Resources**

- Approximately 50 hours of recorded lectures
- Detailed lecture notes developed by specialists in each area
- Mentor support throughout the course - clinical help
- Approximately 100 relevant scientific papers

### **Assessment**

- Examination questions throughout the course – testing in each of the three modules; 70% pass rate
- Referenced case study



## Course Structure - Advanced Certification in Veterinary Neuroacupuncture

### Module 1 – Veterinary Clinical Neurology

#### Practical Approaches to Clinical Neurology

- Performing a comprehensive neurological exam with ease 1
- Performing a comprehensive neurological exam with ease 2
- Performing a comprehensive neurological exam with ease 3
- Pain pathophysiology and clinical considerations

#### Neuroplasticity, Bioenergetics and the Brain

- The brain electric from evolution to modern neuroscience
- Differentials, diagnostics and treatment Forebrain part 1
- Differentials, diagnostics and treatment Forebrain part 2
- Differentials, diagnostics and treatment Brain stem and Cerebellum

#### Spinal Cord Disease, Differential Diagnoses and Treatment

- Cervical disease
- Lumbosacral disease
- Thoracolumbar myelopathies

#### Case Studies in Clinical Neurology

#### Neuro-functional acupuncture and clinical problem solving

- Neuronal cascade and cellular changes secondary to acupuncture treatment
- Acupuncture is more than Qi stimulation
- A different system more than just sensory
- Clinical problems and solving them neurologically

### Module 2 – Evidence Basis for Acupuncture and Practical Applications to Common Conditions

#### Overview and Clinical Application of Acupuncture Neurology

- History of Acupuncture- reconsidering the evidence
- Introduction to Acupuncture Neurophysiology the science behind acupuncture

#### Practical Application of Neurophysiology to Common Conditions

- Treating internal medical disorders with medical acupuncture with a focus on gastrointestinal disease
- Immune stimulation with acupuncture (immune and neoplastic disorders)
- Acupuncture in cardiology
- Acupuncture for urological disorders
- Scalp acupuncture

#### The Science of Acupuncture – research, validation, evaluation and communication

- Current science of acupuncture
- Evaluating clinical research
- Proof of acupuncture effectiveness and validity

#### Mitochondrial Health and Disease

- The microbiome in treatment planning
- The effect of therapies on the mitochondria and microbiome 1
- The effect of therapies on the mitochondria and microbiome 2

### Module 3 – Pain Management

#### Mechanisms of Pain

#### Pain Management Multimodality Approach

- Multimodal pain management - Assessment and pharmacological treatment
- Multimodal pain management - Treatment from a TCM and herbal perspective
- Multimodal pain management - Nutraceuticals, DMOAs, nutrition and regenerative medicine to combat pain
- Multimodal pain management - Rehabilitation and exercise therapy for pain management

#### Advanced Trigger Point Diagnosis and Treatment

- Myofascial pain syndrome and myofascial trigger points - Introduction
- Myofascial pain syndrome and myofascial trigger points - Pathophysiology
- Myofascial pain syndrome and myofascial trigger points - Clinical presentation
- Myofascial pain syndrome and myofascial trigger points - Treatment

#### Fascia – the three-dimensional web of the body

- Introduction to fascia and mechanotransduction
- Fascia lymphatics and immunity
- Myofascial kinetic lines and acupuncture meridians
- Fascia and acupuncture points