

# Circular and Hybrid External Fixation Course



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PRACTICAL SKILLS FOR PRACTICAL VETS

## CIRCULAR AND HYBRID EXTERNAL FIXATION COURSE

# PRESENTERS

**Professor Daniel Dean Lewis** | Professor Daniel Dean Lewis, DVM, Diplomate ACVS, Jerry and Lola Collins Eminent Scholar in Canine Sports Medicine and Comparative Orthopaedics

Dan graduated from Davis, California in 1983. After an Internship at Louisiana State University and a Residency in Small Animal Surgery at the University of Florida, he came to Sydney as the Surgical Registrar at Sydney University. Dr Lewis returned to Louisiana State in 1988 as an Assistant Professor. In 1993, Dan returned to the University of Florida where he has ascended to his current rank as a Professor of Small Animal Surgery and Eminent Scholar. Dr. Lewis is a Diplomate of the ACVS, a former President of the VOSociety and the recipient of the 2012 WSAVA Hill's Pet Mobility Award. His special interests include musculoskeletal traumatology, fracture management and reconstructive orthopedic surgery with a focus on the utilization of circular and hybrid external skeletal fixation for fracture management, deformity correction and limb salvage procedures.

**Dr. Robert M. Radasch** | DVM, MS, Dipl ACVS

Robert received his DVM in 1984 from the University of Illinois. He completed a small animal surgical internship in 1985 and a small animal surgical residency in 1988. He is a surgeon at the Dallas Veterinary Surgical Center in Dallas Texas. He became a Diplomat of the American College of Veterinary Surgeons in 1991. He has authored or co-authored over 40 book chapters, original research or scientific papers; as well as, given over 160 surgical presentations at national and international scientific meetings. He is recognized for his interest and expertise in the areas of small animal orthopaedic trauma, anterior cruciate ligament reconstruction, use of hybrid circular fixators and the management of angular limb deformities. Robert was awarded in 2006, "the Texas Specialist of the Year" award, by the Texas Veterinary Medical Association.

**Dr. Bruce A. Smith** | BVSc, MS, FACVSc, Dip ACVS

Bruce is an Australian graduate from the University of Sydney. He completed a Surgical internship at Murdoch University which was followed by a Surgical residency & Masters degree at Louisiana State University. Dr Smith became a Diplomat of the American College of Veterinary Surgeons and Fellow of the Australian College of Veterinary Scientists in Small Animal Surgery and returned to Australia to join Private Referral Surgical practice. Dr Smith has cared for patients in Melbourne Sydney and Brisbane since 1997 and runs the surgical referral service at the University of Queensland Gatton Veterinary Hospital.

## CIRCULAR AND HYBRID EXTERNAL FIXATION COURSE

### DAY 1

**Thursday, July 24, 2014**

**8:00 - 8:30** Introduction, History & Biology

**8:30 - 9:45** Components of Circular & Hybrid Fixators

**9:45 - 10:00 BREAK**

**10:00 - 12:00 Practical 1:** Understanding Components & Frame Construction

**12:00 - 1:00 LUNCH**

**1:00 - 2:00** Biomechanics

**2:00 - 2:30** Fracture Management using Hybrid Fixators - General Review

**2:30 - 2:45 BREAK**

**2:45 - 3:30** Fractures of the Radius/Ulna & Tibia/Fibula using Hybrid Fixators

**3:30 - 4:15** Fractures of the Humerus & Femur using Hybrid Fixators

**4:15 - 4:30 BREAK**

**4:30 - 6:00 Practical 2:** Repair of Fractures of Tibia & Humerus using Hybrid Fixators

**6:15 - 7:00** Fracture Repair using Circular Fixators

### DAY 2

**Friday, July 25, 2014**

**8:00 - 8:45** Bone Transport & Limb Salvage

**8:45 - 10:15 Practical 3:** Limb Salvage using Bone Transport

**10:15 - 10:30 BREAK**

**10:30 - 12:00** Angular Corrections using Hybrid Constructs

**12:00 - 1:00 LUNCH**

**1:00 - 2:00 Practical 4:** Hybrid - Angular Correction Planning

**2:30 - 3:45 Practical 5:** Radial Deformity Correction using Hybrid Fixator

**3:45 - 4:00 BREAK**

**4:00 - 5:15** Antebrachial Length Discrepancies & Elbow Incongruency

**5:15 - 6:00 Practical 6:** Frames for Addressing Elbow Incongruency

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# DAY 3

**Saturday, July 26th, 2014**

**8:00 - 9:45** Angular Corrections  
using Hinged Circular Constructs

**9:45 - 10:00 BREAK**

**10:00 - 11:00** Trans-articular  
Stabilization & Arthrodeses

**11:00 - 11:15 BREAK**

**11:15 - 12:15** Innovative Circular  
& Hybrid Applications

**12:15 - 1:00** Postoperative  
Management & Complications

**1:00** Final Thoughts and Adjournment

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## CIRCULAR AND HYBRID EXTERNAL FIXATION COURSE

- SMALL GROUPS
- TAKE HOME NOTES
- LUNCH AND TEA BREAKS
- THREE DAYS
- SPECIALIST & RESIDENT TRAINING
- 7 HRS OF PRACTICAL WET LABS

### CPD value:

Over 22 points

### Presenters:

Dr. Dan Lewis

Dr. Robert M. Radasch

Dr. Bruce A. Smith

### Date:

Friday 24<sup>th</sup> July, Saturday 25<sup>th</sup> July  
and Sunday 26<sup>th</sup> July, 2014

### Cost:

\$3,200 Registration due by  
November 1st, 2013.

Part payments available.

Discounts for AVA members

### Contact Ilana for further details:

email [info@vetprac.com.au](mailto:info@vetprac.com.au)

mobile 0414 581 600

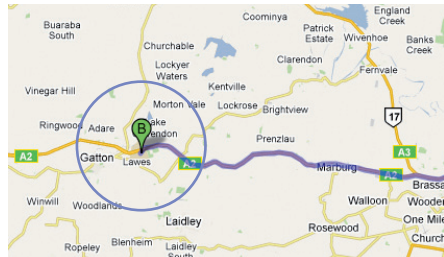
Register online at  
[www.vetprac.com](http://www.vetprac.com)

### Location:

University of Queensland  
**Gatton Campus,  
Clinical Studies Centre**

Gatton is the location of the new UQ veterinary clinical teaching facilities. This campus is a beautiful new facility, in Queensland's idyllic Lockyer Valley.

Gatton is located 1 hour outside of Brisbane and is accessible by car and bus.



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