

# Echocardiography Fundamentals



Practical Skills for Practical Vets

VetPrac<sup>®</sup>



## ECHOCARDIOGRAPHY WORKSHOP

# PRESENTERS

**Dr. Rita Singh** | BSc, BVMS (hons), Dip Vet Clin Stud, FACVSc, Dip ACVIM (Cardiology)

Rita graduated from Murdoch University. She worked in general practice in Buckinghamshire, England for 2 years before returning to Australia to complete a rotating internship then residency in Small Animal Internal Medicine at the Veterinary Specialist Centre in Sydney and successfully passed her specialist exams in Small Internal Animal Medicine in 2006. During her time as a resident, she came to realize that cardiology was her true passion and went onto to complete a Veterinary Cardiology Residency at the University of California, Davis. Rita successfully passed her board exams and became a Diplomate of the American College of Veterinary Internal Medicine (Cardiology) in 2011.

**Dr. Niek Beijerink** | DVM PhD Dipl. ECVIM-CA (Cardiology) Specialist in Small Animal Medicine (Cardiology)

Niek graduated from Utrecht University in The Netherlands in 2005. He completed a PhD in 2007 and then a residency in Small Animal Cardiology in 2010, and became a Diplomate of European College of Veterinary Internal Medicine (Cardiology). Dr Beijerink is responsible for the Cardiology Service at Sydney University Veterinary Teaching Hospital, as well as teaching cardiorespiratory medicine to undergraduate students. His main research interests are canine and feline cardiomyopathies. In his spare time, Nick enjoys travelling with his wife and two children around Australia.

**Dr. Richard Woolley** | BVetMed DipECVIM-CA (Cardiology) MRCVS

Richard has worked in academia, private practice and lectured extensively. Richard graduated from the RVC London in 2002, passing the North American Veterinary Licensing Examination in the same year. After an internship at the University of Edinburgh, he stayed on to complete a three-year cardiopulmonary residency.

Richard passed the first part of the European College of Veterinary Internal Medicine – Companion Animals diploma in 2006 and shortly after also completed externships in the veterinary cardiology departments at Cornell and Florida Universities. Richard has broad interests in cardiology and loves to teach.

## ECHOCARDIOGRAPHY WORKSHOP

### DAY 1

#### **8:30 – 9:30 TUTORIAL 1**

Anatomy of the Heart:  
Ultrasounds different view

#### **9:30 – 10:30 TUTORIAL 2**

Modes and Probes

#### **10:30 – 10:45 MORNING TEA**

#### **11:00 – 11:45 PRACTICAL 1**

Technical Considerations  
of the Machine

#### **11:45 – 12:45 PRACTICAL 2**

Live Dog Practice 1

#### **12:45 – 13:35 LUNCH**

#### **13:45 – 15:00 TUTORIAL 3**

Physics and Image Quality

#### **15:00 – 15:45 TUTORIAL 4**

Normal Cardiac Measurements

#### **15:45 – 16:00 AFTERNOON TEA**

#### **16:00 – 17:00 PRACTICAL 3**

Live Dog Practice 2

### DAY 2

#### **8.45 – 9:45 TUTORIAL 5**

Cardiac Conditions  
every GP can diagnose

#### **9:45 – 10:45 PRACTICAL 4**

Live Practice 3

#### **10:45 – 11:00 MORNING TEA**

#### **11:00 – 12:00 PRACTICAL 5**

Live Practice 4

#### **12.00 – 1.30 TUTORIAL 6**

Reducing Artefact,  
Improving Diagnostics

#### **13:30 – 14:15 LUNCH**

#### **14:30 – 15:30 PRACTICAL 6**

Live Practice 5

#### **15:30 – 15:45 AFTERNOON TEA**

#### **15:45 – 16:45 PRACTICAL 7**

Live Practice 6

#### **16:45 – 17:00 END**

Finish and certificates

## ECHOCARDIOGRAPHY WORKSHOP

- SMALL GROUPS
- TAKE HOME NOTES
- LUNCH AND TEA BREAKS
- TWO DAYS
- SURGERY TRAINING
- 7 HRS OF PRACTICAL WET LABS

Echocardiography can be used in practice to identify emergency cardiac conditions, and map the heart when audible abnormalities are detected. It is a useful tool in diagnostics and to follow the effectiveness of medical therapy. Echocardiography requires specific equipment and training. This workshop is designed to get you started. In this workshop you will learn how to choose good equipment and use it properly, as well as measuring images and flow with Doppler using the best ultrasound equipment on the market.

Be supported by 3 specialist cardiologists in this very exclusive VetPrac learning opportunity.

**BOOK NOW!**

**REGISTER ONLINE AT [WWW.VETPRAC.COM](http://WWW.VETPRAC.COM)**

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### Tutor: Dr. Rita Singh

BSc, BVMS (hons), Dip Vet Clin Stud,  
FACVSc, Dip ACVIM (Cardiology)

### Date:

Friday 1<sup>st</sup> November, 2013  
Saturday 2<sup>nd</sup> November, 2013

**Cost:** Early Bird Special  
Before August 10th \$2300 (inc GST)  
After August 10th \$2650 (inc GST)  
Registration includes dinner  
on Friday Night

### Contact Ilana for further details:

**email** info@vetprac.com.au

**mobile** 0414 581 600



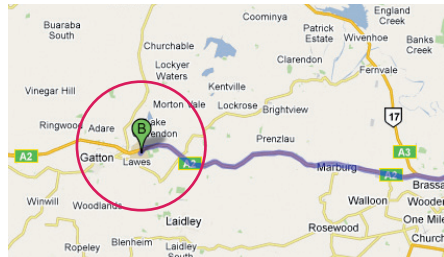
Register online at  
[www.vetprac.com](http://www.vetprac.com)

### 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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