



THE UNIVERSITY OF  
MELBOURNE

Ultrasound Education Group  
Department of Surgery

# iHEARTSCAN ULTRASOUND WORKSHOPS

## FOCUSED ULTRASOUND TRAINING AT THE #1 UNIVERSITY OF AUSTRALIA

Our workshops are designed to give you the confidence to complete haemodynamic echocardiography assessments in real time. Maximise your learning with only 5 students per instructor in each workshop.

### Learning Outcomes

- Generate basic transthoracic imaging
- Determine basic assessment of valves using 2D and colour flow Doppler imaging
- Perform haemodynamic state assessment including the measurement of cardiac output
- Conduct an iHeartScan examination

### Designed For

Anaesthetists, Intensive Care, Emergency Department Physicians and Surgeons who wish to learn how to use Point-of-Care (POC) transthoracic, transoesophageal and ultrasound guidance techniques.

### Pre reading material

All reading material is delivered online and includes interactive tutorials and case studies to practice interpretation. Workshop material can be accessed via web browser on PC, iPad, Android or Windows devices. Allow 20 hours of study time prior to attending the workshop.

### Accreditation\*



### Practice

Guided practice on simulators



### Convenience

Online course materials  
Study on web or mobile



### Reinforcement

Online tutorial assessments  
and case studies



### Recognition

Certificate of Completion issued  
upon course completion

\*CPD Credits are available. Please contact us for full details on accreditation.

# 2020 iHEARTSCAN WORKSHOPS

Haemodynamic Echocardiography Assessment in Real Time. Each course provides 20–30 hours of learning time, with most students reaching completion in 1–2 months

 eLEARNING COMPONENT  30 HOURS STUDY  2 DAY WORKSHOP COURSE FEE: \$1540 (INC. GST)

## iHeartScan

- Basic transthoracic imaging
- Haemodynamic state assessment including the measurement of cardiac output
- Basic assessment of valves using 2D and colour flow Doppler imaging
- iHeartScan examination
- iHeartScan reporting and examples

### WORKSHOP DATES

21 – 22	March
13 – 14	June
12 – 13	September
14 – 15	November

## iHeartScan Advanced

- Left and right ventricular function quantification
- Valve stenosis and regurgitation quantification
- Pulmonary artery and right atrial pressure estimation
- Lung ultrasound
- Supervised scanning of normal models
- Interactive group assessment of pathology cases.

### WORKSHOP DATES

1 – 2 | August

## EXPERT INSTRUCTORS



### Prof. Michael Veltman

Michael Veltman is a specialist cardiothoracic anaesthetist with an interest in peri-operative and diagnostic echocardiography. He is a contributor to the Westmead Echocardiography Training Manual, and also to Royse et al “Pocket Guide to Perioperative and Critical Care Echocardiography”. Prof. Veltman has been teaching for the Ultrasound Education Group for more than 10 years.



### Prof. John Faris

John Faris is a specialist anaesthetist who spent the first 20 years of his medical career in aviation medicine before the anaesthesia training program. He moved to Perth for a years’ post fellowship experience, but stayed for 13 years working at Royal Perth, Sir Charles Gairdner and Joondalup Hospitals. He has published a number of papers on the use of cardiac ultrasound in perioperative medicine.

 To apply and find out more, go to [go.unimelb.edu.au/h7dr](https://go.unimelb.edu.au/h7dr)

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