

# Ultrasound Short Course:

General Ultrasound Imaging series - ECHO and Respiratory ultrasound

## Where: Sydney

AIHE  
 Level 3, 33 Chandos St  
 St Leonards NSW 2065

## RAD9

Sat 3<sup>rd</sup> Nov, 2018 -  
 Sun 4<sup>th</sup> Nov, 2018

## Time:

08:30-09:00 Registration  
 (Sat)  
 09:00 - 17:00 (Sat/Sun)

## Cost:

2 full day: \$1,400  
 (Registration fee includes a  
 light lunch and morning &  
 afternoon tea.)

## CPD:

ASUM: 14 points (1A)  
 ASA: 14 points (1A)  
 ASAR: 14 points (1A)

## Enrolment form:

For an enrolment form  
 please download from our  
 website [www.aihe.edu.au](http://www.aihe.edu.au)  
 and email it to us at  
[shortcourses@aihe.edu.au](mailto:shortcourses@aihe.edu.au)

Alternatively, enrol and  
 pay securely online via our  
 website portal

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 Level 3, 33 Chandos St  
 St Leonards NSW 2065  
 Phone: 1300 656 036

Email:  
[shortcourses@aihe.edu.au](mailto:shortcourses@aihe.edu.au)  
 Web:  
[www.aihe.edu.au](http://www.aihe.edu.au)

## Who should attend?

This two day course is intended for Radiology fellows who require a refresher in ultrasound, and registrars preparing for Part I or Part II exams. Sonographers who wish to refresh their knowledge of the latest sonographic techniques, as well as sonography students, and new graduate Sonographers beginning their scanning journey are also welcome under the Sonographer CPD Activities program. Healthcare practitioners who use basic echo and respiratory ultrasound in their practice would also benefit from this package.

## Program RAD9 -

### Saturday, 3<sup>rd</sup> November, 2018 - Introduction to Echocardiography

- 08:30 Registration
- 09:00 Indications for Echocardiography - including alternative imaging modalities, and other diagnostic investigations that may complement echo.
- 09:30 Review of the imaging protocol - Participants will review standard imaging protocols, including real time scanning, as well as minimum recording requirements.
- 10:15 Morning tea
- 10:30 Live scanning demonstration - Practical demonstration of the standard scan protocol, and normal sonographic findings. This session will also provide you with some tips & techniques to interrogate optimal imaging windows, and discuss the main system controls used to achieve the best imaging possible.
- 11:30 Practical Session 1 - Participants will have the opportunity to perform an echocardiogram examination under the guidance of our clinicians and sonographers, on real patients and simulation phantoms.
- 13:00 Lunch
- 13:30 Practical Session 2
- 14:30 Discussion - During this interactive session we will discuss a variety of topics related to interventional ultrasound examinations including
  - What the clinician requires from the study to provide an accurate diagnosis.
  - When and how the examination should be extended
  - How to interpret and report on the image / examination
- 15:30 Afternoon Tea
- 15:45 Case study review - During this session you will have the opportunity to interact with our clinical experts on a variety of case studies. This session incorporates complementary imaging modalities and investigations and how the ultrasound examination plays a role in the overall patient management.
- 16:45 Open question/answer session with the experts
- 17:00 Close

## Suggested Pre-course Activity

It is recommended that you undertake a basic Physics & Instrumentation course prior to this course.

We can assist you with advice on this if necessary.

## Course Objectives

This course incorporates basic ultrasound techniques for application in radiology. Discussion sessions will cover image analysis, complimentary imaging modalities and the role of the ultrasound examination in the management of the patient.

Teaching comprises lectures and hands on scanning of both simulation phantoms and real patients. Hands on scanning will be conducted in small groups.



## Program RAD9 -

Sunday, 4<sup>th</sup> October, 2018 - Respiratory ultrasound

- 08:30 **Registration**
- 09:00 **Indications for Respiratory ultrasound** - including alternative imaging modalities, and other diagnostic investigations that may compliment respiratory ultrasound.
- 09:30 **Review of the imaging protocol** - Participants will review standard imaging protocols, including real time scanning, as well as minimum recording requirements.
- 10:15 **Morning tea**
- 10:30 **Live scanning demonstration** - Practical demonstration of the standard scan protocol, and normal sonographic findings. This session will also provide you with some tips & techniques to interrogate optimal imaging windows, and discuss the main system controls used to achieve the best imaging possible.
- 11:30 **Practical Session 1** - Participants will have the opportunity to perform a respiratory ultrasound examination under the guidance of our clinicians and sonographers, on real patients and simulation phantoms.
- 13:00 **Lunch**
- 13:30 **Practical Session 2**
- 14:30 **Discussion** - During this interactive session we will discuss a variety of topics related to respiratory ultrasound examinations including
- What the clinician requires from the study to provide an accurate diagnosis.
  - When and how the examination should be extended
  - How to interpret and report on the image / examination
- 15:30 **Afternoon Tea**
- 15:45 **Case study review** - During this session you will have the opportunity to interact with our clinical experts on a variety of case studies. This session incorporates complementary imaging modalities and investigations and how the ultrasound examination plays a role in the overall patient management. *If you have a particular case you would like to discuss during this session please contact our Academic Manager at least 2 weeks before this event.*
- 16:45 **Open question/answer session with the experts**
- 17:00 **Close**

