

THE CARDIFF ECHOCARDIOGRAPHY COURSE

Tuesday 15th – Thursday 17th March 2016
Hilton Cardiff Hotel, Cardiff



A SYSTEMATIC APPROACH TO PERFORMING AND REPORTING ECHOCARDIOGRAPHY

This course is aimed at Echocardiographers, Physiologists, Cardiologists and Physicians who wish to progress from a basic to advanced level. It is ideal for:

- Those with basic skills and experience, seeking to improve their knowledge in preparation for the BSE or EAE examinations
- Core Cardiology Trainees (ST3-5) who need a structured approach to put theory into practice
- Experienced/BSE accredited echocardiographers aiming to refresh and update their knowledge and advance to expert level
- Trainee Cardiologists commencing Higher Specialist Training in Echocardiography (ST6-7)
- Consultants seeking CPD towards revalidation in Cardiology/Echocardiography
- BSE reaccreditation points/18 RCP CPD points (based on 2015)

Conference Director:

Dr Nav Masani

Consultant Cardiologist

Past President, British Society of
Echocardiography

University Hospital of Wales, Cardiff

THE CARDIFF ECHOCARDIOGRAPHY COURSE

Tuesday 15th – Thursday 17th March 2016

OBJECTIVES

This course is designed to teach a systematic approach to performing transthoracic echocardiography and provide a detailed framework to comprehensive echo reporting. Each topic is divided into Basic and Advanced sections. Delegates will revise and build upon a basic knowledge of clinical echocardiography and progress to an advanced level. Particularly in the Advanced sections, subject matter is illustrated using brief Case Studies.



Cardiff Castle - 2000 Years of history

SPEAKERS

Professor John Chambers
Guy's & St Thomas' Hospital London

Professor Alan Fraser
Welsh Heart Research Institute
Former EAE President

Dr Adrian Ionescu
Morrison Hospital, Swansea

Dr Nav Masani
University Hospital of Wales, Cardiff
Former BSE President

Dr Jim Newton
John Radcliffe Hospital, Oxford

Dr Bushra Rana
Papworth Hospital, Cambridge

Dr Vi Tran
Institute of Child Health, London

Dr Richard Wheeler
University Hospital of Wales, Cardiff



THE CARDIFF ECHOCARDIOGRAPHY COURSE

Tuesday 15th – Thursday 17th March 2016

PROGRAMME

1

DAY ONE - TUESDAY 15TH MARCH

SESSION 1: PRINCIPLES AND PRACTICE

09:00	Welcome	
09:15	Ultrasound physics Controls, optimization and correct measurement 2DE, M mode & Doppler, Bernoulli, continuity equation	Richard Wheeler
10:00	The transthoracic echocardiogram The systematic approach to performing a comprehensive echo	Nav Masani
10:45	<i>Refreshment break</i>	

SESSION 2: ASSESSING THE LEFT VENTRICLE

11:00	Assessing the Left Ventricle Basic assessment Advanced (1): Quantitation - EF & WMSI	Jim Newton
11:45	Assessing the Left Ventricle Advanced (2): Diastology. Long axis function	Jim Newton
12:30	<i>Lunch</i>	

SESSION 3: ASSESSING THE LEFT VENTRICLE

13:30	Hypertrophic cardiomyopathy (incl use of TDI, strain)	Alan Fraser
14:00	Case Studies: Heart muscle disease (DCM, Non-compaction, RCM)	Alan Fraser
14:30	Complications of MI	Richard Wheeler
15:00	<i>Refreshment break</i>	
15:30	Pericardial disease Effusion, constriction (vs restriction)	Jim Newton
16:15	Critical thinking in Echo/Doppler – quiz	Nav Masani
17:00	Close and Drinks Reception	

2

DAY TWO - WEDNESDAY 16TH MARCH

SESSION 4: DISEASES OF THE VALVES

09:00	Aortic stenosis Basic assessment of AS Advanced: AS; low flow, low gradient	John Chambers
09.45	Mitral stenosis Basic assessment of rheumatic MVD Advanced: tricky Doppler patterns, suitability for BMV	Bushra Rana
10.15	Valve case	Nav Masani/All
10:30	<i>Refreshment break</i>	
11:00	Mitral Regurgitation Basic assessment of MR Advanced: quantitative Doppler Suitability for MV repair, ischaemic MR	Bushra Rana
11:45	Aortic Regurgitation Basic assessment of AR Advanced: indications for surgery	John Chambers
12.15	Valve case	Nav Masani/All
12:30	<i>Lunch</i>	

SESSION 5: CARDIAC DISEASE

13:30	Diseases of the Right Heart Basic Assessment – incl. Pressure/volume overload Advanced: right heart disease – incl. Carcinoid, Ebstein etc.	Bushra Rana
14:30	Endocarditis	John Chambers
14:45	<i>Refreshment break</i>	
15:30	Echocardiography in stroke	Bushra Rana
16:00	Case Studies and reporting	Richard Wheeler

3

DAY THREE - THURSDAY 17TH MARCH

SESSION 6

09:00	Echo in Emergencies/critical care	Nav Masani
09:30	Echo reporting Systematic approach, reporting template	Nav Masani
10:30	<i>Refreshment break</i>	
11:00	Prosthetic Valve assessment Basic: characteristics of PV's, artifacts & pitfalls Advanced: PV dysfunction	Adrian Ionescu
12:00	Unusual cases, rare diseases	Adrian Ionescu/ Nav Masani
12:30	<i>Lunch</i>	

SESSION 7: CONGENITAL HEART DISEASE

13:30	Congenital Heart Disease (1) Anatomy Demonstration Basic principals	Nav Masani Vi Tran
15:00	<i>Refreshment break</i>	

SESSION 8

15:30	Congenital Heart Disease (2) Anatomy Demonstration Complex disease (Complete AVSD, Tetralogy of Fallot)	Nav Masani Vi Tran
16:30	Feedback, comments	
17:00	CLOSE	

GENERAL INFORMATION

VENUE

Hilton Cardiff Hotel, Kingsway, Cardiff CF10 3HH
Tel: 02920 646372
Email: reservations.cardiff@hilton.com

The course will be held in the Castle Suite.

Parking

The hotel has its own car park for which there is an overnight charge.

LOCATION & TRANSPORT

The Cardiff Hilton Hotel is situated in the centre of Cardiff opposite Cardiff Castle.

The hotel is situated just a 10 minute drive from junction 29 of the M4 and a 10 minute walk from the train station.

Cardiff airport is approximately a half an hour drive from the hotel.

OVERNIGHT HOTEL ACCOMMODATION

We have negotiated a special rate for those delegates wishing to stay at the Hilton Cardiff Hotel. All requests for accommodation should be made direct to the hotel as soon as possible, but before Friday 29th January 2016 to obtain the special negotiated group rate. Bookings after this date will be subject to availability and at the best available rate. All requests for accommodation must be guaranteed with a credit card. The accommodation code, which must be quoted to obtain the reduced rate, is **MILA150316**.

Bedrooms can be booked via telephone or email (Details above).

Anyone wishing to stay in alternative hotel accommodation please go to www.visitcardiff.com

CPD ACCREDITATION

BSE reaccreditation and RCP CPD Accreditation have been applied for. In 2015, 9 BSE reaccreditation points were awarded together with 18 RCP CPD points. Please ensure you sign the Attendance Register.

BOOKING DETAILS

To register for this Course, complete the attached registration form and return it, together with the registration fee to Millbrook Medical Conferences (address below) or register online at www.millbrook-medical-conferences.co.uk. Registration fee payment may be made by Cheque or debit/credit card.

The course fee for registrations received before Friday 8th January 2016 is £550.00 inc VAT.

After this date, the registration fee will increase to £650.00 inc VAT.

The registration fee paid will be refunded less 25% (to cover the cost of administration) should delegates cancel their registration prior to Friday 19th February 2016. No refund will be made for cancellations after this date.

ORGANISATION

For further details of this Course contact:-

Millbrook Medical Conferences Limited,
The Red House, 22 High Street,
Lutterworth, Leicestershire LE17 4AD
Telephone 01455 552559
Fax: 01455 557377
e-mail events@millbrookconferences.co.uk

THE CARDIFF ECHOCARDIOGRAPHY COURSE

Tuesday 15th – Thursday 17th March 2016

Hilton Cardiff Hotel, Cardiff

REGISTRATION

Title (Prof/Dr/Mr/Mrs/Ms): FIRST NAME:

SURNAME

POSITION HELD

HOSPITAL

POSTAL ADDRESS

..... POSTCODE

TELEPHONE (inc STD):

FAX (inc STD):

EMAIL.....

SPECIAL DIETARY REQUIREMENTS

Places are limited. Book now to avoid disappointment

PAYMENT

The course fee for registrations received before Friday 8th January 2016 is £550.00 inc VAT. After this date the registration fee will be £650.00 inc VAT.

Payment may be made by credit/debit card or cheque. Cheques should be made payable to 'Millbrook Medical Conferences Ltd'.

Payment Details: VISA/MASTERCARD/MAESTRO (Please circle)

Card Number:

Issue Number: Expiry Date:

Security No: (last 3 digits on signature strip on back of card)

**REGISTER ONLINE AT WWW.MILLBROOK-MEDICAL-CONFERENCES.CO.UK OR RETURN
REGISTRATION FORM WITH PAYMENT TO:**

Millbrook Medical Conferences Limited

The Red House, 22 High Street, Lutterworth, Leicestershire, LE17 4AD

Telephone 01455 552559 Fax: 01455 557377

E: events@millbrookconferences.co.uk Web: www.millbrook-medical-conferences.co.uk

Your contact details will be kept for future use so that we can send you information about Millbrook's forthcoming events and courses. If you would rather we removed your details from our database, please put a tick in the box ☐