



National  
Heart Centre  
SingHealth

Royal Brompton & Harefield



NHS Trust

FIRST ANNOUNCEMENT

Pre-Congress Program Singapore **LIVE**2008

# CARDIAC MORPHOLOGY COURSE

5-6 MARCH 2008, Wed & Thu, 0800h-1745h

## ABOUT THE COURSE

For the first time, Singapore **LIVE**2008 is collaborating with the world-renowned **Royal Brompton Hospital** to bring a cardiac morphology course to the region. Dr Yen Ho is a cardiac morphologist par excellence. An experienced teacher, she uses her own collection of high quality videos of rare heart specimens to illustrate and illuminate structural and functional relationships in the heart with clarity and authority.

This unique course integrates morphology with multi-modality cardiac imaging, and applies these to patient management. It is structured into 2 self-contained modules:

**Day 1** covers the common congenital heart malformations; and

**Day 2** focuses on applied morphology in coronary intervention, surgery, pacing and electrophysiology.

## WHO SHOULD ATTEND

This course will interest many general adult and paediatric cardiologists, as well as both trainees and advanced practitioners of cardiac imaging/radiology, coronary and electrophysiological interventions. Nurses and imaging/interventional technologists will also greatly benefit from this course.

## PROGRAM CO-DIRECTORS

**Yen Ho**

Honorary Consultant Cardiac Morphologist  
Royal Brompton & Harefield, NHS Trust  
London, United Kingdom

**Tan Ju Le**

Consultant Cardiologist  
Adult Congenital Heart Disease  
National Heart Centre of Singapore

## PROGRAM HIGHLIGHTS

Cardiac morphology and imaging, with application to percutaneous and surgical interventions of acquired heart disease and congenital heart malformations

- Interatrial Septum, ASD, PFO
- VSD, PDA, Coarctation of Aorta
- Fallot's Tetralogy, Conotruncal Defects
- Atrioventricular Septal Defect & Ebstein's Anomaly
- The Normal Heart
- Normal & Anomalous Coronary Arteries
- Cardiac Electrical Conduction & Electrophysiological Applications
- Heart Valves

This course will enhance understanding of heart structure, and provide insights into many aspects of cardiological practice.

## 2-DAY COURSE & SINGLE-DAY RATES

Register for both days or either day. These are the fees for the Pre-congress Cardiac Morphology Course ONLY.

Singapore **LIVE**2008 Congress is charged separately.

Admission	Before 1 Feb 08	1 Feb 08 & After
Day 1 & Day 2	SGD300	SGD350
Day 1 OR Day 2	SGD200	SGD220

Singapore **LIVE**

Annual Live Interventions in Vascular Endotherapy

7-9 March 2008 [www.singlivecourse.com](http://www.singlivecourse.com)

Singapore **LIVE**2008 Secretariat c/o National Heart Centre

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Email: [contact@singlivecourse.com](mailto:contact@singlivecourse.com)

**DAY 1** 5 March 2008 Wednesday

Thursday 6 March 2008 **DAY 2**

## CONGENITAL HEART DISEASE

### ASD, VSD, PDA & Coarctation of Aorta

0800 - 0820	Registration
0820 - 0830	Welcome Address by Organizing Committee
0830 - 1000	<b>INTERATRIAL SEPTUM, ASD, PFO</b>
0830 - 0910	Morphology of the Interatrial Septum With Emphasis on PFO, ASD & Relevance to Transeptal Puncture
0910 - 0930	Imaging, Tips & Tricks for Transeptal Puncture
0930 - 0950	Imaging, Assessment & Interventional Closure of PFO & ASD
0950 - 1000	Questions & Answers
1000 - 1020	Tea Break
1020 - 1300	<b>VSD, PDA &amp; COARCTATION OF AORTA</b>
1020 - 1050	Morphology of VSD
1050 - 1110	Imaging, Assessment & Interventional Closure of VSD
1110 - 1130	Pitfalls in VSD Surgical Closure
1130 - 1150	Morphology of PDA & Coarctation of Aorta
1150 - 1210	PDA Imaging & Intervention
1210 - 1230	Imaging & Intervention for CoA
1240 - 1300	PDA & CoA - The Surgeon's Perspective
1300 - 1315	Questions & Answers
1315 - 1400	Lunch

### Tetralogy of Fallot & Ebstein's Anomaly

1400 - 1530	<b>TETRALOGY OF FALLOT &amp; CONOTRUNCAL DEFECTS</b>
1400 - 1440	Morphology of TOF & Other Conotruncal Defects
1440 - 1500	Imaging in Unrepaired TOF - Echo & Cardiac Catheterizations Findings
1500 - 1520	Surgical Correction in TOF - What Do Surgeons Look For?
1520 - 1530	Questions & Answers
1530 - 1600	Tea Break
1600 - 1745	<b>ATRIOVENTRICULAR SEPTAL DEFECT &amp; EBSTEIN'S ANOMALY</b>
1600 - 1630	Morphology of AVSD - Anatomical Defects & Conduction Pathways
1630 - 1650	Imaging in AVSD
1650 - 1710	Morphology of Ebstein's Anomaly
1710 - 1730	Echo Correlates in Ebstein's Anomaly
1730 - 1745	Questions & Answers
1745	Adjourn

## APPLIED CARDIAC MORPHOLOGY

### Normal Conduction, Coronaries & Valves

0830 - 0850	Registration
0850 - 0900	Welcome Address by Course Organizer
0900 - 1000	<b>NORMAL HEART</b>
0900 - 0930	Morphology of the Normally Structured Heart
0930 - 0945	Imaging the Normally Structured Heart: Echo - 2D & 3D
0945 - 1000	Cardiac MRI & CT
1000 - 1030	Tea Break
1030 - 1130	<b>CORONARY ARTERIES</b>
1030 - 1100	Coronary Anatomy, Coronary Artery Anomalies & Coronary Bypass Grafts
1100 - 1115	Coronary Anatomy From the Perspective of an Interventional Cardiologist
1115 - 1130	Coronary Anatomy & Grafts From a Surgeon's Perspective
1130 - 1300	<b>PACING &amp; ELECTROPHYSIOLOGY</b>
	Electrical Conduction of the Heart & Anatomy of the Atria, Coronary Sinus & Pulmonary Veins in Relation to Pacing & Ablation
1130 - 1200	The Morphologist's Perspective
1200 - 1220	The Electrophysiologist's Perspective
1220 - 1240	The Surgeon's Perspective
1240 - 1400	Lunch
1400 - 1600	<b>MITRAL VALVE</b>
1400 - 1440	Morphology of the Mitral Valve, Mitral Annulus & Common Pathologies of the Mitral Valve
	Mitral Valve Prolapse, Mitral Valve Repair & Annuloplasty
1440 - 1500	Mitral Valve Anatomy & Pathology From Echo Imaging
1500 - 1520	Mitral Valve Repair - The Surgeon's Perspective
1520 - 1530	Questions & Answers
1530 - 1600	Tea Break
1600 - 1745	<b>SEMILUNAR VALVES</b>
1600 - 1630	Morphology of the Aortic and Pulmonary Valves
1630 - 1650	Echo Views & Correlation
1650 - 1710	The Surgeon's Perspective
1710 - 1730	Questions & Answers
1730	End of Course

Visit Singapore **LIVE** website for updates. Organizer reserves the right to make program changes without prior notice.

