

# Echo 2018

## SINGAPORE

27-28 October

[www.echosingapore.com](http://www.echosingapore.com)

Organised by



Chapter of Echocardiography  
Singapore Cardiac Society

Listen to experts who will share insights on echocardiography and cardiovascular disease



**Bonita Anderson**

DMU, MAppSc, FASE  
Visiting Fellow, Faculty of Health,  
Queensland University of Technology, Brisbane



**Alex PW Lee**

MBChB (Hons), MD, FACC, FESC, FRCP, FHKCP, FHKAM  
Associate Professor,  
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Prince of Wales Hospital



**Petros Nihoyannopoulos**

MD, FRCP, FESC, FACC, FAHA  
Professor of Cardiology, Imperial College London  
Professor of Cardiology, Athens University



**Gregory M. Scalia**

MBBS(Hons), MMedSc, FRACP, FACC, FCSANZ, FASE  
Associate Professor, School of Medicine,  
University of Queensland  
Director of Echocardiography, The Prince Charles Hospital



**Lynne Williams**

MBBCh, FRCP, PhD  
Consultant Cardiologist in Echocardiography,  
Royal Papworth Hospital, UK

**WHO SHOULD ATTEND?**

- Adult & Paediatric Cardiologists
- Cardiovascular Surgeons
- Cardiovascular Anaesthesiologists
- Cardiac Radiologists
- Fellows in Training
- Cardiovascular Sonographers
- Cardiovascular Nurse Specialists, Internists, Intensivists
- Emergency Physicians with Special Interest in Clinical Cardiology and Echocardiography

**VENUE**

**National University Health System**  
Auditorium, Tower Block (Level 1)  
1E, Kent Ridge Road, Singapore 119228

**REGISTRATION FEES**

Category	Early Fee (Before 1 Sep 2018)
Delegate	S\$400
Delegate (Member*)	S\$350
One Day Registration	S\$300
Nurses / Allied Health Professionals	S\$250
Nurses / Allied Health Professionals (Member*)	S\$200
One Day Registration	S\$150

\*Member of Singapore Cardiac Society and staff of local public hospital

Register now to enjoy **EARLY BIRD FEE!**

Via [www.echosingapore.com](http://www.echosingapore.com)

## 27 October 2018

0800-0830 Registration

0830-0840 Welcome, Intro of Faculty and Course Preamble

### NEW ECHO GUIDELINES: THE LOW-DOWN

0845-0900 Appropriate Use Criteria for Valvular Heart Disease: EACVI 2017  
See Hooi EWE

0900-0915 Assessing Valvular Regurgitation: ASE 2017  
Quek-Wei YONG

0915-0930 Diagnosing Pulmonary Hypertension: ESC/ERS 2015  
Ju Le TAN

0930-0945 Clinical Applications of Contrast Echo: ASE 2017  
Khim Leng TONG

0945-1000 Q&A

1000-1025 Tea Break, Visit Exhibits

### FROM CRADLE TO GRAVE: ECHOCARDIOGRAPHY OF AGING

1025-1045 Age-Related Changes in Cardiovascular Structure: Insights from Population-Based Echo Studies  
Zee Pin DING

1045-1105 Diastolic Function in the Young and Old: Can We Prevent Diastolic Dysfunction?  
Petros NIHOYANNOPOULOS

1105-1125 Sigmoid Septum, Basal Septal Hypertrophy: Normal Variant, HCM or Something Else?  
Lynne WILLIAMS

1125-1140 Q&A

1140-1155 Sponsor Update

### DEBATE: POINT-OF-CARE-ULTRASOUND - UNSTOPPABLE JUGGERNAUT OR HOCUS-POCUS?

1200-1210 Protagonist: POCUS should be unrestricted for frontline HCW  
Alex P. LEE

1210-1220 Antagonist: Free-for-all POCUS should be discouraged  
CHEE Tek Siong

1220-1230 Rebuttals

1230-1330 Lunch and Visit Exhibits

### HYPERTROPHIC CARDIOMYOPATHY

1330-1350 HCM: Risk Stratification by Echo, Cardiac MRI and Other Imaging Modalities  
Hak Chiaw TANG

1350-1410 HCM Masqueraders  
Petros NIHOYANNOPOULOS

1410-1430 Insights into the Pathophysiology of HCM: Supreme Role of Echo-Doppler  
Lieng H. LING

1430-1450 Contemporary Approaches to Management and Guidance by Echo: Septal Ablation, Myectomy, Device Therapy  
Lynne WILLIAMS

1450-1505 Q&A

### ENDOCARDITIS: STILL A MASSIVE PROBLEM

1505-1525 Echo for Risk Stratification: Who Really Deserves Early Surgery? What's the Evidence?  
Kian-Keong POH

1525-1545 Prosthetic Valve Endocarditis: Diagnosis by Echo and Other Modalities  
Greg SCALIA

1545-1605 Does My "Low-Risk" Patient Need Antibiotic Prophylaxis?

1605-1620 Q&A

1620-1645 Tea Break, Visit Exhibits

1645-1745 **Quiz: Singapore vs ASEAN**  
Bonita ANDERSON

1745-1750 Prizes, Adjourn

## 28 October 2018

Registration

### NOVEL CONCEPTS AND TECHNOLOGIES

0800-0815 Automated Volume, EF, Strain Quantification  
Alex P. LEE

0815-0830 Vortex Flow Imaging  
Takashi HIRANO

0830-0845 Echo-Guided 3D Printing  
Alex P. LEE

0845-0900 Pericardial and Epicardial Fat  
Lieng H. LING

0900-0915 Q&A

0915-0940 Tea Break, Visit Exhibits

### EXTRA-CARDIAC ECHOCARDIOGRAPHY

0940-1005 Comprehensive Imaging of the Aorta - Root to Abdominal, TTE vs. TEE  
Greg SCALIA

1005-1025 Imaging and Doppler of Veins: IVC, Hepatic Veins, SVC  
Bonita ANDERSON

1025-1045 Miscellany: Pulmonary Arteries, Extra-Cardiac Masses, Pleural Effusions, etc.

1045-1100 Q&A

1100-1115 Sponsor Update

### DEBATE: BREATHLESS PATIENT, SUSPECT ACUTE PULMONARY EMBOLISM - GO GET AN AN ECHO

1115-1125 Protagonist: Aye! Echo Has the Answers  
Greg SCALIA

1125-1135 Antagonist: Nay! CTPA is All You Need

1135-1145 Rebuttals

1145-1245 Lunch and Visit Exhibits

### IMAGING ADULT CONGENITAL HEART DISEASE

1245-1305 Tips and Tricks for Assessing ACHD  
Bonita ANDERSON

1305-1325 Congenital Valvular Heart Disease in the Adult  
Edgar L. TAY

1325-1345 Anomalies of the Great Vessels: TGA, Corrected Transposition etc  
James W. YIP

1345-1405 The Post-Surgical ACHD Patient  
Lynne WILLIAMS

1405-1420 Q&A

### STRESS ECHOCARDIOGRAPHY

1420-1440 Which Stress Echo Modality? Why You Should Favor One Over the Other. Does Cardiopulmonary Data Help?

1440-1500 Stress Echo for Valvular Heart Disease, including Paradoxical Low Flow Aortic Stenosis  
Yun Yun GO

1500-1520 Other Applications: HCM, HFPEF, Pulmonary Hypertension etc  
Petros NIHOYANNOPOULOS

1520-1535 Q&A

1535-1600 Tea Break, Visit Exhibits

1600-1700 Cryptic Conundrums from the Faculty  
Siang-Chew CHAI / K GUNASEGARAN  
Anders SAHLEN / Louis TEO

1700-1710 Prizes, Closing Remarks, Lucky Draw, Adjourn