

ECHO ASIA

Thursday 27 October 2022

- **From LV Strain to Myocardial Work and LA Strain: A Hands-On Workshop** Chairing by Lieng H. Ling
(Sponsored by GE)
- In the Beginning, there was LV Strain..... 13:30-14:15
Kazuaki Negishi
- Myocardial Work Index: Just Add Pressure! 14:15-14:50
Jens-Uwe Voigt
- Refreshment Break 14:50-15:00
- Myocardial Work Index: Just Add Pressure! (Continued) 15:00-15:30
Jens-Uwe Voigt
- LA Strain: Fundamentals and Fine Points 15:30-15:50
Jens-Uwe Voigt
- LA Strain: Examples, Tips and Tricks 15:50-16:20
Kazuaki Negishi
- Q&A 16:20-16:30

Friday 28 October 2022

- **Welcome Message** 08:00-08:05
- **ECHO ASIA Lecture**
 - Chairing by Lieng H. Ling**
 - Exercise Doppler Hemodynamics 08:05-08:25
Jae K. Oh
- **Echocardiography with Asian Characteristics**
 - Chairing by Zee-Pin Ding, Hean-Yee Ong**
 - Cardiac Structure and Function: Should We Still Use Western Norms? 08:30-08:45
Tatsuya Miyoshi
 - Heart Failure in Asia: The ASIAN-HF Studies 08:45-09:00
Carolyn S. Lam
 - Valvular Disease in Asia: Is Rheumatic Heart Disease Passe? 09:00-09:15
Amiliana Soesanto
 - Q&A 09:15-09:30
- **Transcatheter Prosthetic Heart Valves**
 - Chairing by James Yip, Quek-Wei Yong**
 - Valves for AS and AR: The Armamentarium 09:30-09:45
See Hooi Ewe
 - Hemodynamic Assessment of TAVR Valves: Is Echo Really Reliable? 09:45-10:00
Philippe Pibarot
 - Aftermath: Antithrombotics, Aortic Regurgitation, Appropriate Echo Usage After TAVR 10:00-10:15
Edgar Tay
 - Q&A 10:15-10:30
- **Tea Break, Visit Exhibits** 10:30-10:55
- **Case-Based Learning: Dodging Bullets - Recognizing the Pitfalls of Echo**
 - Chairing by See-Hooi Ewe, Lieng H. Ling**
 - Aortic Stenosis: Is It Really Severe? 10:55-11:10
Gregory Scalia

- Mitral Valve Prolapse/Flail: Severe Regurgitation or Not? 11:10-11:25
Jorge Solis
- Diastolic Function: Is LV Filling Pressure Elevated? 11:25-11:40
Jae K. Oh
- Q&A 11:40-11:55
- **Point of View: Strain Still Has An Important Role in Cardio-oncology Practice**
Chairing by Zee-Pin Ding, Li-Ling Tan
- Intro: Setting the Stage 11:55-12:00
- Protagonist 12:00-12:10
Kazuaki Negishi
- Antagonist 12:10-12:20
Tek-Siong Chee
- Repartee & Denouement 12:20-12:30
- **Lunch, Visit Exhibits** 12:30-13:30
- **Not So Elementary, My Dear Watson...**
Chairing by See-Hooi Ewe, Lieng H. Ling
- LV Chamber Remodeling 101 13:30-13:45
Bonita Anderson
- The Right Atrium: Worth Our Attention? 13:45-14:00
Sudhir Wahi
- The Aorta: When Does It Become Dilated, How Should We Monitor? 14:00-14:15
Anders Sahlen
- Q&A 14:15-14:30
- **What was the Indication for that Echo Again?**
Chairing by Lieng H. Ling, Quek-Wei Yong
- "30 Year Old, Right Sided Weakness" 13:30-13:45
Edwin Tucay
- "Chest Discomfort, COVID Positive" 14:45-15:00

Susanna Price

- "Reduced LVEF, Assess Dyssynchrony" 15:00-15:15

Jens-Uwe Voigt

- Q&A 15:15-15:30

■ **Tea Break, Visit Exhibits** 15:30-15:55

■ **Diagnosing Pericardial Disease**

Chairing by Lieng H. Ling, Quek-Wei Yong

- Constrictive Pericarditis 15:55-16:10

Satish Parashar

- Pericardial Effusion and Tamponade 16:10-16:25

Bonita Anderson

- Effusive-Constrictive Pericarditis 16:25-16:40

Jae K. Oh

- Pericardial Masses 16:40-16:55

Ping Chai

- Q&A 16:55-17:10

■ **Revolutionizing Diagnosis and Management of Valvular Heart Disease**

(Cocktail Symposium Sponsored by Philips)

Chairing by Zee-Pin Ding, Lieng H. Ling

- Multimodality Viewing: A Powerful Tool to Unravel the Natural History of VHD 17:15-17:25

Jorge Solis

- Novel Imaging Techniques for Anatomic Visualization and Functional Evaluation 17:25-17:40

Smonporn Boonyaratavej

- Mitral Valve Intervention: Improving Periop Planning for Best Outcomes 17:40-17:50

See Hooi Ewe

- Q&A 17:50-18:05

Saturday 29 October 2022

■ Contrast Echo: Current and Novel Applications

Chairing by See-Hooi Ewe, Lieng H. Ling

- Contrast Echo for Newbies: Choice of Agent, Machine Settings, Image Optimization 08:00-08:15
Juefei Wu
- Coronary Applications: What's Really Feasible in My Lab? 08:15-08:30
Kevin Wei
- Novel Indications for Contrast Echo 08:30-08:45
Jonathan Lindner
- Q&A 08:45-09:00

■ Point of View: Artificial Intelligence will Replace the Echocardiographer in the Near Future

Chairing by Weiting Huang, Lieng H. Ling

- Intro: Setting the Stage 09:00-09:05
- Protagonist 09:05-09:15
David Ouyang
- Antagonist 09:15-09:25
James Thomas
- Repartee & Denouement 09:25-09:35

■ Tea Break, Visit Exhibits

09:35-10:00

■ Prognostication of CVD: The Key Role of Echo

Chairing by Zee-Pin Ding, Hean-Yee Ong

- Outcomes in Chronic Aortic Regurgitation: What's New? 10:00-10:15
Li-Tan Yang
- Cardiac Amyloid: Can Echo Offer More than Diagnosis? 10:15-10:30
James Thomas
- Left Atrial Strain: The Real HbA1c of CVD? 10:30-10:45
Liza Thomas
- Q&A 10:45-11:00

- **New Vistas in Valvular Heart Disease**
Chairing by See-Hooi Ewe, Quek-Wei Yong
- Moderate Aortic Valve Stenosis 11:00-11:15
Saki Ito
- Calcific Mitral Valve Disease 11:15-11:30
Jagdish Mohan
- Atrial Functional Tricuspid Regurgitation 11:30-11:45
Yaser Nemshah
- Q&A 11:45-12:00
- **Lunch, Visit Exhibits** 12:00-13:00
- **Understanding Heart Disease: Supreme Role of Echo-Doppler**
Chairing by Lee-Fong Ling, Lieng H. Ling
- Novel Mechanisms of Mitral Regurgitation 13:00-13:15
Alex Lee
- Insights into the Pathophysiology of HCM 13:15-13:30
S. Shanmugasundaram
- "Pulmonary Hypertension" - Unraveling the Cause 13:30-13:45
Hae-Ok Jung
- Q&A 13:45-14:00
- **Recognizing Cardiovascular Involvement in Systemic Disease**
Chairing by Li-Ling Tan, Quek-Wei Yong
- Endocrine Cardiomyopathies 14:00-14:15
Barakath Badusha Abdul Kareem
- Rheumatological Conditions 14:15-14:30
Lieng H. Ling
- Cardiovascular disease in Patients with Cancer: Beyond LV Dysfunction 14:30-14:45
Alexander Lyon
- Q&A 14:45-15:00

■	Tea Break, Visit Exhibits	15:00-15:25
■	Novel Concepts and Technologies	
	<u>Chairing by See-Hooi Ewe, Lieng H. Ling</u>	
-	Myocardial Work Index <i>James Thomas</i>	15:25-15:40
-	Vortex Flow Imaging <i>Alex Lee</i>	15:40-15:55
-	Fusion Imaging <i>Ralph Stephan von Bardeleben</i>	15:55-16:10
-	Artificial Intelligence Solutions for Echo <i>Jasper Tromp</i>	16:10-16:25
-	Q&A	16:25-16:40
■	The Patient on A Machine: What Do I Look For?	
	<u>Chairing by Yew-Woon Chia, Zee-Pin Ding</u>	
-	Mechanical Ventilation <i>Susanna Price</i>	16:40-16:55
-	ECMO, Impella <i>Robin Cherian</i>	16:55-17:05
-	LVAD, RVAD devices <i>Julian Kenrick Loh</i>	17:05-17:20
-	Q&A	17:20-17:35
■	Prizes, Adjourn	17:35-17:40

Sunday 30 October 2022

■ POCUS Symposium

Chairing by See-Hooi Ewe, Evelyn Lee

- Focus on POCUS in Cardiac Care 08:00-08:15
Jose Donato Magno
- Lung Ultrasound: Best Screening Test for Acute Heart Failure? 08:15-08:30
Thomas Marwick
- The Hemodynamically Unstable Patient 08:30-08:45
Yew-Woon Chia
- Q&A 08:45-09:00

■ Lipids, Vascular Disease Symposium

Chairing by Hean-Yee Ong, Quek-Wei Yong

- Plain Old Calcium Score: Relic or Still Relevant? 09:00-09:15
Swee Yaw Tan
- Detection of CAD: Anatomical or Functional Assessment - Does it Matter? 09:15-09:30
Thomas Marwick
- When We Run Out of Road: What Options After Statins and Ezetimibe? 09:30-09:45
Tavintharan Subramaniam
- Q&A 09:45-10:00

■ Tea Break, Visit Exhibits 10:00-10:20

■ Atrial Fibrillation Symposium (Sponsored by Bayer)

Chairing by Toon-Wei Lim, Lieng H. Ling

- Echo for New Onset AF: What to Look for? 10:20-10:35
Smonporn Boonyaratavej
- Identifying Future Risk: Can Echo Detect "Pre-AF"? 10:35-10:50
Faraz Pathan
- Anticoagulation in Asian AF Patients with Diabetes and CKD 10:50-11:05
Tze-Fan Chao

- Q&A 11:05-11:20
- **Heart Failure Symposium (Co-sponsored by Bayer and Novartis)**
- Chairing by Hean-Yee Ong, Louis Tan, Louis Teo**
- Echo in the Patient with Heart Failure: What Information is Prognostic? 11:20-11:35
Teerapat Yingchoncharoen
- LV Dysfunction After Cancer Chemotherapy: What to Do? 11:35-11:50
Li-Ling Tan
- Sacubitril-Valsartan: Role in Heart Failure Treatment in A Crowded Field 11:50-12:05
Raymond Wong
- Vericiguat as a Novel Therapy for Worsening HF - Singapore Real-World Experience 12:05-12:20
David Sim
- Q&A 12:20-12:35
- **Lunch, Visit Exhibits** 12:35-13:15
- **Riddles, Mysteries, Enigmas (Case Presentation Competition)**
- Judging Panel:**
- Quek-Wei Yong (Chair), Smonporn Boonyaratavej, See-Hooi Ewe, Barakath Badusha Abdul Kareem**
- The Forgotten Valve in Radiation Valvulopathies - Tricuspid Regurgitation 13:15-13:27
Tony Li
- Giant right coronary artery aneurysm associated with thrombus formation and fistula 13:27-13:39
draining into the right ventricle mimicking subacute type A aortic dissection on transthoracic echocardiography: A rare case
Katherine Rose Acosta
- Mystery cysts 13:39-13:51
Rodney Soh
- Echocardiographic diagnosis of left ventricular double-chamber heart: a case report 13:51-14:03
Qin Wang
- Aorto-cavitary fistulous tract formation as a complication of Infective Endocarditis: 14:03-14:15
a case report
Christel Lauren Habaluyas
- Myxoma of the Mitral Valve with Mitral Stenosis Physiology and Mitral Valve Prolapse: 14:15-14:27

An Uncommon Presentation of a Rare Cardiac Tumor

Miguel Angelo Ang Co

- **Intermission** 14:27-14:40

- **Young Investigators' Award (Abstracts Competition)**
 - Judging Panel:**
Zee-Pin Ding (Chair), Alex Lee, Jae K. Oh
 - Prognostic Value of Left Atrial Strain in Aortic Stenosis: A Competing Risk Analysis 14:40-14:52
Eugene Tan
 - Point-of-care AI-assisted Novice Echocardiogram in Screening of Heart Failure (PANES-HF) 14:52-15:04
Weiting Huang
 - Prognostic Value of Global Longitudinal Strain (GLS) in Patients with Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement: A Single Center Study 15:04-15:16
Katherine Ann Tan

- **Closing Remarks, Lucky Draw, Awards, Adjourn** 15:16-15:28