

SCIENTIFIC PROGRAM - 08TH NOVEMBER, 2019, FRIDAY

Rabindranath Tagore Hall	C V Raman Hall	Mother Teresa Hall	Amartya Sen Hall
Time/Session/Topic/Speakers	Time/Session/Topic/Speakers	Time/Session/Topic/Speakers	Time/Session/Topic/Speakers
<p align="center">8:30 am - 9:30 am Case Studies: Unusual Echo Encounters (6+2 mins) (7 Cases)</p>	<p align="center">8:30 am - 9:30 am Case Studies: Congenital Heart Disease (6+2 mins) (7 Cases)</p>	<p align="center">8:30 am - 9:30 am Case Studies: Cases where Multimodality Imaging made a difference (6+ 2 mins) (7 Cases)</p>	<p align="center">8:30 am - 9:30 am Case Studies: Unusual Valvular Lesions & TEE (6+2 mins)(7 Cases)</p>
<ol style="list-style-type: none"> 1.Dissections in the heart(Intramyocardial,LA , RV) Vinayak Agrawal (Gurugram) 2.RV dysfunction after pericardiectomy Vivek Tandon (Delhi) 3.Fetal spontaneous hemopericardium.Only case reported in literature U P Singh (Chandigarh) 4.A forgotten etiology of myocarditis S K Parashar (Delhi) 5.High gradient across aortic PHV - immediate post operative period Sameer Shrivastava (Delhi) 6.Raghib Syndrome: A rare entity Amit Misri (Gurugram) 7.A case of reversible dilated cardiomyopathy Manish Bansal (Gurugram) 	<ol style="list-style-type: none"> 3.Rarest of rare case of aneurysm of sinus of Valsalva I B Vijayalakshmi (Bengaluru) 4.Anomalous pulmonary artery membrane at the bifurcation causing right pulmonary artery orifice obstruction Saji Philip (Kattanam) 5.The Da Vinci Code Sonia El Saiedi (Egypt) 6.Congenital severe MS: Parachute mitral valve with large VSD mild PS in 10 yr CHD old male. VSD repaired successfully , however severe MR induced after open valvectomy for MS(appropriate size valve not available with severe PAH and TR post operative period) K K Kapur (Delhi) 7.Incidental detection of transposition of great arteries in an adult : Rarest of the rare Debika Chatterjee (Kolkata) 	<ol style="list-style-type: none"> 1. Multimodality Imaging of STEMI post thrombolysis Nitin Burkule (Mumbai) 2. Ruptured SOV aneurysm:Role of multimodality imaging in planning Raj Janardhanan (USA) 3. ... Between a rock and hard place Sudhir Wahi (Australia) 4.& 5.DiAL a friend if you do not know the answer (2 cases) R Alagesan (Chennai) 6. MRI - The third eye of histopathology Sanjaya Viswamitra (Bengaluru) 7. A case of complex CHD Rajesh Kannan (Kochi) 	<ol style="list-style-type: none"> 1. Bicuspid aortic valve and aortopathy: A case of AVR...after 9 years presented with ascending aortic aneurysm and dissection...echo picture shows a large mass (thrombus in false lumen) TEE done and case operated Rekha Mishra (Delhi) 2.A case of AML perforation - N Vijayarathay (Madurai) 3. A case of mitral clip-Erwan Donal (France) 4. Unusual case of mitral arcade K Chandrasekaran (USA) 5.A cystic cavity on mitral valve: A case of post mitral valve repair Vinayak Agrawal (Gurugram) 6. Degenerated tissue mitral PHV with severe MR: What should I do?(mitral valve in valve) Vinayak Agrawal (Gurugram) 7. A case of acute severe mitral stenosis Vivek Tandon (Delhi)
<p align="center">Chairpersons: V Amuthan (Madurai) Sourangshu Chatterjee (Kolkata) Mahesh Chowdhary (Kolkata)</p>	<p align="center">Chairpersons: K Sivakumar (Chennai) Anil Kumar Singhi (Kolkata) Dhritabrata Das (Kolkata)</p>	<p align="center">Chairpersons: Dhiman Kahali (Kolkata) Sanjaya Viswamitra (Bengaluru) Tapan Sinha (Kolkata)</p>	<p align="center">Chairpersons: Shishu Shankar Mishra (Bhubaneswar) S Balasubramanian (Madurai) Ashok Kumar Giri (Kolkata)</p>
<p align="center">9:30 am - 10:30 am Symposium: Hypertrophic Cardiomyopathy (12+3 mins)</p>	<p align="center">9:30 am - 10:30 am Symposium: Congenital Heart Disease (12+3 mins)</p>	<p align="center">9:30 am - 10:30 am Symposium: Role of Multimodality Imaging in Evaluation of Pulmonary Hypertension (12+3 mins)</p>	<p align="center">9:30 am - 10:30 am Symposium: Traversing the Broad Spectrum of Cardiology</p>
<ul style="list-style-type: none"> • Different facets of HCM S Shanmugasundaram (Chennai) 	<ul style="list-style-type: none"> • Tetralogy of Fallots & What all I can get from echo K Siva Kumar (Chennai) 	<ul style="list-style-type: none"> • Assessment in Echocardiography Lab: Usefulness & fallacies Sudhir Wahi (Australia) 	<ul style="list-style-type: none"> • Management of AF patients with ACS undergoing PCI Suvro Banerjee (Kolkata) (12 mins) *Pfizer
<ul style="list-style-type: none"> • Evaluation of HCM mimickers Sameer Shrivastava (Delhi) 	<ul style="list-style-type: none"> • Ventricular dysfunction in children - A search for reversible causes I B Vijayalakshmi (Bengaluru) 	<ul style="list-style-type: none"> • Role of Computed Tomography Y Chandrashekar (USA) 	<ul style="list-style-type: none"> • Potential roles of ICE (Intracardiac Echocardiography) in Cardiac Interventions Prakash Hazra (Kolkata) (10 mins) *Boston
<ul style="list-style-type: none"> • Multimodality imaging in HCM Raj Janardhanan (USA) 	<ul style="list-style-type: none"> • Complex cyanotic heart disease – A simplified approach B R J Kannan (Madurai) 	<ul style="list-style-type: none"> • Role of CMR Rajesh Kannan (Kochi) 	<ul style="list-style-type: none"> • Role of advanced CRT features and how it improves overall outcome of heart failure patients Anil Mishra (Kolkata) (10mins) *St.Jude's Medical

<ul style="list-style-type: none"> Different faces & different treatment G Vijayaraghavan (Trivandrum) 	<ul style="list-style-type: none"> Clinical and echocardiographic interpretation of left to right shunts Hala Almarsafawy (Egypt) 	<ul style="list-style-type: none"> Does exercise testing have a role Abhijit Chatterjee (Kolkata) 	<ul style="list-style-type: none"> Uses of NOAC in Coronary Artery Disease and Peripheral Artery Disease Subhasish Roy Chowdhury (Kolkata) (10 mins) *Bayer Zydus
			<ul style="list-style-type: none"> A tryst with Cardiac Masses Venkatesh Gurajala (Bengaluru) (10 mins)
<p>Chairpersons: Sankar Mitra (Kolkata) Arup Das Biswas (Kolkata) S T Yavagal(Bengaluru)</p>	<p>Chairpersons: Achyut Sarkar (Kolkata) Debabrata Roy (Kolkata) Biswajit Bandopadhyay (Kolkata) Dipankar Mukherjee (Kolkata)</p>	<p>Chairpersons: R J Manjuran (Triruvalla) Biswakes Majumder (Kolkata) P C Mondal (Kolkata)</p>	<p>Chairpersons: S B Nagori (Kolkata) Saumitra Ray (Kolkata) B N Jha (Kolkata) Ashish Sinha (Bhagalpur)</p>
Coffee Break (10:40 am - 11:00am)			
Plenary Session (11:00 am – 1:00 pm)			
<p>11:00 am – 11:18 am Annual IAE Lecture: Point Of Care UltraSound (POCUS) in cardiology practice – A Dark Horse or a White Horse? C K Ponde (Mumbai)</p>			
<p>Chairpersons: H K Chopra (Delhi) Bogdan A Popescu (Romania)</p>			
<p>11:20 am – 11:40 am Bijoy K Khandheria Oration Sameer Shrivastava (Delhi)</p>			
<p>Chairpersons: S Shanmugasundaram (Chennai) Soumitra Kumar (Kolkata)</p>			
<p>11:45am – 12:45 pm Joint Academic Session with EACVI (12+3 mins)</p>			

<ul style="list-style-type: none"> • Left ventricular diastolic function assessment - what's new? Bogdan A Popescu (Romania) 			
<ul style="list-style-type: none"> • Heart Failure with Preserved Ejection Fraction : New insights and dilemmas S K Parashar (Delhi) 			
<ul style="list-style-type: none"> • GLS vs Strain Rate: Comparative significance: In whom & when Erwan Donal (France) 			
<ul style="list-style-type: none"> • 3-D RVEF: Has it come of age Satish Govind (Bengaluru) 			
<p>Chairpersons: Sameer Shrivastava (Delhi) Roxy Senior (UK)</p>			
<p>12:50 pm – 1:05 pm Special Lecture: Does Artificial Intelligence Truly Augment Our Intelligence Devyani Chowdhury (USA)</p>			
<p>Chairpersons: Anjan Lal Dutta (Kolkata) Satish Govind (Bengaluru)</p>			
Lunch & Visit Exhibits (1:05 pm – 2:00 pm)			
<p>2:00 pm – 3:30 pm Symposium: Valvular Heart Disease (15+3 mins)</p>	<p>2:00 pm – 3:00 pm Symposium: 3-D Echocardiography as applied in Clinical Practice (13+2 mins)</p>	<p>2:00 pm – 4:10 pm Workshop: Back to Basics for Beginners and Sonographers: Live demonstration (13+2 mins)</p>	<p>2:00 pm – 2:55 pm MAKE IN INDIA SESSION (Free Papers) (4 Papers) (8+2 mins)</p>
<ul style="list-style-type: none"> • Top errors in evaluation of mitral regurgitation & how to avoid them Sudhir Wahi (Australia) 	<ul style="list-style-type: none"> • Artifacts in 3-D echo: How to identify and avoid them Rahul Mehrotra (Delhi) 	<ul style="list-style-type: none"> • Knobology & the art of getting a good 2-D & Doppler image U P Singh (Chandigarh) 	<p>Myocardial fatigue in recreational marathon runners: A speckle-tracking echocardiography study • Shantanu Sengupta (Nagpur)</p>
<ul style="list-style-type: none"> • Basic & advanced assessment of aortic stenosis including multimodality imaging Bogdan A Popescu (Romania) 	<ul style="list-style-type: none"> • 3-D assessment of RV geometry & functions Krasimira Hristova (Bulgaria) 	<ul style="list-style-type: none"> • Quick demonstration of basic diastolic function parameters and analysis (Mitral Doppler, TDI, LA Volume, Pulmonary Vein Doppler) R Alagesan (Chennai) 	<p>Determinants of in-hospital clinical outcome in patients with sub-massive pulmonary embolism • Rohit Tandon (Ludhiana)</p>

<ul style="list-style-type: none"> • Staging vs. classifying the tricuspid regurgitation disease, what next in severe TR Mani Vannan (USA) 	<ul style="list-style-type: none"> • Role in post cardiac device implantation K Chandrasekaran (USA) 	<ul style="list-style-type: none"> • How to assess mitral and aortic valve area Rishikesh Shah (Mumbai) 	<p>Lung Ultrasound evaluation of diabetic patients with acute onset dyspnea and its relation with established markers of heart failure</p> <ul style="list-style-type: none"> • Hirakjyoti Sanyal (Kolkata)
<ul style="list-style-type: none"> • Multivalvular lesion: Hemodynamic impact on diagnosis & management Manish Bansal (Gurugram) 	<ul style="list-style-type: none"> • Using 3D TEE wisely in the operating room: When it helps, and when it doesn't Madhav Swaminathan (USA) 	<ul style="list-style-type: none"> • Read with me LV wall motion & coronary involvement with me Nitin Burkule (Mumbai) 	<p>Balloon pulmonary angioplasty in chronic distal pulmonary thromboembolic disease and pulmonary hypertension in India</p> <ul style="list-style-type: none"> • Hanumantha Reddy (Hyderabad)
<ul style="list-style-type: none"> • Exercise & strain: Will they be future modalities for intervention in valvular heart disease Rakesh Gupta (Delhi) 		<ul style="list-style-type: none"> • Basic techniques to evaluation LV systolic function: utility & limitations: (EF, MAPSE, Myocardial Performance Index) Rekha Mishra (Delhi) 	
		<ul style="list-style-type: none"> • How to record and interpret global longitudinal strain Vatchala Sree (Vellore) 	
		<ul style="list-style-type: none"> • Understanding pediatric views Saji Philip (Kattanam) 	
		<ul style="list-style-type: none"> • Principles to study a prosthetic valve Vivek Tandon (Delhi) 	
<p>Chairpersons: Manotosh Panja (Kolkata) K Raghu (Hyderabad) Rabin Chakraborty (Kolkata)</p>	<p>Chairpersons: S Veeramani (Madurai) V Amuthan (Madurai) Amit Ray (Kolkata)</p>	<p>Chairpersons: Sankar Mitra (Kolkata) G Vijayaraghavan (Trivandrum) Abhijit Chatterjee (Kolkata)</p>	<p>Chairpersons: J C Mohan (Delhi) R R Kasliwal (Gurugram) Arup Das Biswas (Kolkata)</p>
<p>3:30 p.m - 4:15 p.m Echo Vignettes (6 take home messages) (6 mins each)</p>	<p>3:00 pm – 4:15 pm Symposium: Heart Failure with Preserved Ejection Fraction</p>		<p>3:10 pm – 4:10 pm Symposium: Systemic Disorders: Case Studies by National Icons (6+2 mins)</p>
<ul style="list-style-type: none"> • Dilated Atria: What next Sunil Bohra (Bengaluru) 	<ul style="list-style-type: none"> • Pathophysiology of diastolic dysfunction: Effect on hemodynamic consequences Dipankar Datta (Kolkata) (12 mins) 		<ul style="list-style-type: none"> • Thyrotoxic heart Shantanu Sengupta (Nagpur)
<ul style="list-style-type: none"> • Malignant mitral valve prolapse Maurizio Parato (Italy) 	<ul style="list-style-type: none"> • Cases which confuse me in assessing diastolic dysfunction, so how to conclude: elderly patient with normal heart, MI with significant RWMA, sinus tachycardia, mitral annular calcification, septal bounce K Raghu (Hyderabad) (12mins) 		<ul style="list-style-type: none"> • Carcinoid Rachel Daniel (Kollam)
<ul style="list-style-type: none"> • PFO & heart failure K Chandrasekaran (USA) 	<ul style="list-style-type: none"> • New guidelines: Are they sufficient or what would I suggest to reduce indeterminate cases. Case examples J C Mohan (Delhi) (15mins) 		<ul style="list-style-type: none"> • Fabry's disease Vinayak Agrawal (Gurugram)

<ul style="list-style-type: none"> Increased LVOT gradient: Fallacies in evaluation Is it diagnostic of HOCM Chandramukhi Sunehra (Hyderabad) 	<ul style="list-style-type: none"> Importance of CAD in HFpEF: The silent ischemic interludes Venkatesan Sangareddi (Chennai) (12mins) 	<p align="center">SESSION CONTINUED (Sonographer Session)</p>	<ul style="list-style-type: none"> Amyloid Madhu Shukla (Delhi)
<ul style="list-style-type: none"> MAC: New information on neglected entity Rohit Tandon (Ludhiana) 	<ul style="list-style-type: none"> Diastolic stress echo: In whom, how to interpret, false positive or negative, is it independently associated with mortality Shantanu Sengupta (Nagpur) (12mins) 		<ul style="list-style-type: none"> SLE & Rheumatoid heart Jesu Krupa (Vellore) (12 mins)
<ul style="list-style-type: none"> Challenges in the intraoperative assessment of mitral regurgitation Madhav Swaminathan (USA) 			<ul style="list-style-type: none"> Sarcoid J C Mohan (Delhi)
<ul style="list-style-type: none"> Mimics of LV non compaction K Maganti (USA) 			
<p align="center">Chairpersons: Nitin Burkule (Mumbai) Santanu Guha (Kolkata) Jyotirmoy Pal (Kolkata) Vijay Garg (Ujjain)</p>	<p align="center">Chairpersons: Bogdan A Popescu (Romania) Manish Bansal (Gurugram) K K Mitra (Kolkata) Prabhavathi (Bengaluru)</p>		<p align="center">Chairpersons: Roxy Senior (UK) P Krishnam Raju (Hyderabad) Harsh Wardhan (Jaipur) Bhuban Majhi (Kolkata)</p>
<p align="center">4:15 pm – 5:15 pm Symposium:Chronic Heart Failure with reduced EF: What all you need to know (12+3 mins)</p>	<p align="center">4:15 pm - 5:15 pm Symposium:Potpourrie of Imaging in AF (12+3 mins)</p>	<p align="center">4:15 pm – 5:15 pm Symposium:Incisive Role of Echo in HF Assessment (12+3 mins)</p>	<p align="center">4:15 pm– 5:15 pm Symposium:Clinico- Echo dilemmas: Day to day problems where I need your opinion – Case Based Learning (8 take home messages) (6+2 mins)</p>
<ul style="list-style-type: none"> Echocardiography: Role in assessing etiology & guiding therapy R R Kasliwal (Gurugram) 	<ul style="list-style-type: none"> How to assess a patient of Chronic AF by Echo K Maganti (USA) 	<ul style="list-style-type: none"> Echocardiography and lung ultrasonography for the assessment and management of acute heart failure G Gnanavelu (Chennai) 	<ul style="list-style-type: none"> 5 year old child with juvenile MS: what to do? Chanchal Kundu (Kolkata)
<ul style="list-style-type: none"> Utilization of echo in assessing therapy & prognosticating P Krishnam Raju (Hyderabad) 	<ul style="list-style-type: none"> Acute management in ER: Role of TTE and TEE echo in assessment beyond CHA2DS2-VASC score Harin Vyas (Mumbai) 	<ul style="list-style-type: none"> Stratification of risk of death in HFrEF- additive role of biomarkers and Echo Rajat Mohan (Delhi) 	<ul style="list-style-type: none"> Dilated IVC: Physiological or pathological Kaustabh Kumar Biswas (Kolkata)
<ul style="list-style-type: none"> Current role of Cardiac MRI Mona Bhatia (Delhi) 	<p align="center">Case Studies in Thrombo-embolism: (6+6+3 mins)</p> <p>a) Embolic stroke in a young girl - echo shows the case and saves the patient Debika Chatterjee (Kolkata)</p> <p>b) Assessment of diastolic dysfunction in HF with AF R Manivasagam (Trichy)</p>	<ul style="list-style-type: none"> Role of GLS in LV systolic function assessment in HFpEF V Amuthan (Madurai) 	<ul style="list-style-type: none"> Positive stress echo with normal coronary angiogram: Ignore, investigate or treat? R J Manjuran (Kochi)
<ul style="list-style-type: none"> ARNI – The game changer- How, when & why to use it B P Pandey (Kolkata) 	<ul style="list-style-type: none"> NOACS – A revolution in AF management H K Chopra (Delhi) 	<ul style="list-style-type: none"> HF hospitalization in HFrEF and HFpEF with SGLT2i – light at the end of tunnel? R R Kasliwal (Gurugram) 	<ul style="list-style-type: none"> RWMA with normal coronary angiogram: How should I proceed? K Raghu (Hyderabad)

*(Novartis)	*(Sun Pharma)	*(Sun Pharma)	<ul style="list-style-type: none"> Bileaflet aortic PHV with raised gradients: PPM or pressure recovery or valve obstruction or high output state: TEE, CT or anticoagulation or what? Prayaag Kini (Bengaluru)
			<ul style="list-style-type: none"> Asymptomatic severe LICA stenosis: Wait or intervene S R Veeramani (Madurai)
			<ul style="list-style-type: none"> When to intervene in asymptomatic aortic regurgitation Vatchsala Sree (Vellore)
Chairpersons: T D Bhattacharya (Kolkata) Amal Kumar Banerjee (Kolkata) Sudarshan Nagpal (Saharanpur) C Vanjani (Mumbai)	Chairpersons: S K Kaushik (Udaipur) Kajal Ganguly (Kolkata) Sathish Kumar (Madurai) Arvind Kumar(Meerut)	Chairpersons: G Vijayaraghavan (Trivandrum) Abhijit Biswas (Kolkata) Nandita Chakraborty (Kolkata) Sajid Ansari (Lucknow)	Chairpersons: K Chandrasekaran (USA) G Gnanavelu (Chennai) Pranita Nandy (Kolkata) Nilufar Fatema (Bangladesh)

INAUGURATION (5:30 pm onwards)

*Session supported by an unrestricted academic grant from....