

**SCIENTIFIC PROGRAM - 10TH NOVEMBER, 2019, SUNDAY**

<b>Rabindranath Tagore Hall</b>	<b>C V Raman Hall</b>	<b>Mother Teresa Hall</b>	<b>Amartya Sen Hall</b>
<b>Time/Session/Topic/Speakers</b>	<b>Time/Session/Topic/Speakers</b>	<b>Time/Session/Topic/Speakers</b>	<b>Time/Session/Topic/Speakers</b>
<b>8:15 am – 9:05 am</b> <i>Echo Vignettes (6+2 mins)</i>	<b>8:15 am – 9:15 am</b> <i>Mixed Bag of Cases: Cases that Stumped Me (6+2 mins) (7 Cases)</i>	<b>8:15 am – 9:00 am</b> <i>Case Studies of Structural Heart Disease Leading to Left Ventricular Dysfunction (6+2 mins) (4 Cases)</i>	<b>8:15 am – 9:15 am</b> <i>Sonographers: Case Study Competition (6+2 mins) (6 Cases)</i>
1. Low gradient severe mitral stenosis <b>J C Mohan (Delhi)</b>	1. Device closure of Post MI VSD: Is it possible for all? <b>Atul Karande (Indore)</b>	1. AIDS related cardiomyopathy <b>Krasimira Hristova (Bulgaria)</b>	1. Is there an entity called ventricularised atria? <b>S Arutpriya (Chennai)</b>
2. Sequential apical ballooning <b>K Chandrasekaran (USA)</b>	2. Uncommon case of HFpEF <b>Debika Chatterjee (Kolkata)</b>	2. A case of amyloidosis <b>Erwan Donal (France)</b>	2. Cardiac masses- Vegetation on PPI lead <b>Kalyani Hendre (Pune)</b>
3. Apical cardiomyopathy: A challenge in diagnosis <b>Kameswari Maganti (USA)</b>	3. Unusual cause of rapidly progressive aortic regurgitation from relapsing polychondritis <b>Sunil Mankad (USA)</b>	3. Diastology in degenerative MV <b>Shantanu Sengupta (Nagpur)</b>	3. Surgical palliation of TGA with aortopulmonary window with severe pulmonary artery hypertension <b>Asavari S Tawade (Chennai)</b>
4. Challenges faced after Heart Transplant <b>Satish Govind (Bengaluru)</b>	4. Rapidly appearing cardiac masses <b>Vassant Bikkad (Mumbai)</b>	4. Rare case of restrictive cardiomyopathy <b>Mehul Oswal (Mumbai)</b>	4. Right ventricular dilation with aneurysm <b>K Glory Varkey (Vellore)</b>
5. How to look for subclinical cardiomyopathy in Diabetes <b>Nitin Burkule (Mumbai)</b>	5. The vanishing cardiac tumour <b>Hardeep Kaur Grewal (Gurgaon)</b>	5. HFrEF and HFpEF: Does SGLT2i benefit both <b>Saubhik Kanjilal (Kolkata) (12 mins)</b>	5. Pseudoaneurysm of mitral-aortic intervalvular fibrosa <b>Sangeeta Porwal (Pune)</b>
6. Masqueraders of vegetations <b>Rajat Mohan (Delhi)</b>	6. Vanishing Vegetation <b>Aniruddha De (Kolkata)</b>	<b>*(Boehringer)</b>	6. Right Atrial Thrombus in transit through patent foramen ovale <b>P Priya (Tanjore)</b>
	7. Making Surgical Risk Minimal for Future Correction in a Cyanotic child. <b>Nurul Islam (Kolkata)</b>		
<b>Chairpersons:</b> <b>Sukumar Ghosh (Kolkata)</b> <b>Hemendra Pandey (Kolkata)</b> <b>Sanjeev Garg (Kolkata)</b>	<b>Chairpersons:</b> <b>Rishikesh Shah (Mumbai)</b> <b>Abhijit Biswas (Kolkata)</b> <b>Dipankar Sarkar (Kolkata)</b>	<b>Chairpersons:</b> <b>Sunil Bohra (Bengaluru)</b> <b>Nandita Chakraborty (Kolkata)</b> <b>Hirakjyoti Sanyal (Kolkata)</b>	<b>Judges:</b> <b>Shishu Shankar Mishra (Bhubaneswar)</b> <b>Rakesh Gupta (Delhi)</b> <b>Manish Bansal (Gurugram)</b>
<b>9:10 am – 10:20 am</b> <b>Young Investigators Research Award Session (8 +4 mins)</b>	<b>9:20 am – 10:00 am</b> <b>Symposium: Heart Failure: Why and When do people need an echo? (12mins)</b>	<b>9:00 am – 10:00 am</b> <b>Special Case Study Session (6 + 2 mins) (7 Cases)</b>	<b>9:20 am – 10:00 am</b> <b>Sonographers: Educative Symposium: What extra they need to know ( 10 mins)</b>
• Assessment of 3D strain in left bundle branch block patients and their association with cardiovascular events <b>Niyas K Naseer (Calicut)</b>	• Clinical decision making of HF with impaired LVEF (HFpEF) <b>U P Singh (Chandigarh)</b>	1. Submitral Aneurysm - A cystic mystery- a rare case of submitral aneurysm <b>Thomas Varghese Attumalil (Trivandrum)</b>	• Hemodynamics; Revision of basics & flow dynamics <b>Mohd. Firoz ( Bangladesh)</b>
• A study of left Atrial Deformation Properties By Strain imaging in mitral stenosis patients and its correlation with left atrial appendageal thrombosis <b>Aditya Verma (Kolkata)</b>	• Results of selected studies that have identified echocardiographic prognostic markers in both HFpEF and HFrEF <b>Sanjay Mittal (Delhi)</b>	2. Valvular Heart Disease - Massive LA clot - a ticking bomb & a therapeutic dilemma <b>Gaurav Agarwal (Bengaluru))</b>	• Normal variants in Echo <b>Atul Karande (Indore)</b>

<ul style="list-style-type: none"> <li>Myocardial Acceleration during Isovolumic contraction as a novel non invasive tool to assess early RV dysfunction in patients with pulmonary hypertension <b>Alen Binny (Chennai)</b></li> </ul>	<ul style="list-style-type: none"> <li>Mechanistic insights in benefits derived from SGLT2 inhibitors which may establish them as HF drugs <b>Arunangshu Ganguly (Kolkata)</b></li> </ul>	<p>3.Aortic Syndrome - ruptured myxomatous aortic cuspal aneurysm : a singularly rare presentation <b>Harnish Bhatia (Jaipur)</b></p>	<ul style="list-style-type: none"> <li>Principle &amp; analysis of pulmonary and hepatic veins <b>Debika Chatterjee (Kolkata)</b></li> </ul>
<ul style="list-style-type: none"> <li>Measurement of Aortic Root Dimensions by transthoracic echocardiogram in normal Indian population <b>Deepak Nenwani (Chennai)</b></li> </ul>	<p><b>*(Glenmark)</b></p>	<p>4.A petty quarrel leading to Hay-fire <b>Chakradhar DM (Kochi)</b></p>	<ul style="list-style-type: none"> <li>Interpretation &amp; value of 2-D strain Bulls eye <b>S K Parashar (Delhi)</b></li> </ul>
<ul style="list-style-type: none"> <li>Clinical profile of AL cardiac amyloidosis and response to CyborD regimen - a single tertiary care centre experience <b>Damodhar Reddy Gouni (Kochi)</b></li> </ul>		<p>5.Surprising case of severe aortic regurgitation in a young girl <b>Kishore Phepale (Chennai)</b></p>	
<ul style="list-style-type: none"> <li>3D Echocardiographic study of acute mountain sickness <b>RVA Ananth (Delhi)</b></li> </ul>		<p>6.Rhabdomyoma in fetus and neonate : A rare cause of heart failure and arrhythmia <b>Krishna Prasad (Chandigarh)</b></p>	
		<p>7.A rare case of ventricular mass mimicking myocardial infarction <b>Amit Gangwani (Chennai)</b></p>	
<p><b>Judges:</b> Nitin Burkule (Mumbai) Satish Govind (Bengaluru) K Raghu (Hyderabad)</p>	<p><b>Chairpersons:</b> Ashok Kumar Kar (Kolkata) Amal Kumar Khan (Kolkata) Sukumar Ghosh (Kolkata)</p>	<p><b>Chairpersons:</b> Sankha Subhra Das (Kolkata) Chandan Misra (Kolkata) Sulagna Banerjee (Kolkata) Kaustabh Kumar Biswas (Kolkata)</p>	<p><b>Chairpersons:</b> V Amuthan (Madurai) Vivek Gupta (Delhi) Aniruddha De (Kolkata)</p>
<b>Coffee Break (10.00 am – 10.20 am)</b>			
<b>PLENARY SESSION (10:30 am – 1:45 pm)</b>			
<p><b>10:30 am – 10:50 am</b> Natesa G Pandian Oration</p>			
<ul style="list-style-type: none"> <li>Clinical skills in 2019 - What can 2D strain add to EF? <b>Rakesh Gupta (Delhi)</b></li> </ul>			

<p><b>Chairpersons:</b>  <b>Sunil Mankad (USA)</b>  <b>J C Mohan (Delhi)</b></p>			
<p><b>10:50 am – 12:20 pm</b>  <b>Natesa G Pandian Case Study Competition</b>  <b>(7 + 3 mins)</b></p>			
<ul style="list-style-type: none"> <li>• <i>Valvular Heart Disease - Multiple Sinus Of Valsalva aneurysm with multiple coronary artery aneurysm</i>  <b>Lokesh Pramod Chaudhuri(Bengaluru)</b></li> </ul>			
<ul style="list-style-type: none"> <li>• <i>Ivemark Syndrome - A rare congetital heart disease</i>  <b>Anamika Gupta (Jaipur)</b></li> </ul>			
<ul style="list-style-type: none"> <li>• <i>Acute Rheumatic Fever causing sub mitral aneurysm - A very rare case</i>  <b>M Rangamanikandan (Madurai)</b></li> </ul>			
<ul style="list-style-type: none"> <li>• <i>An insteresting case of reversible cardiomyopathy</i>  <b>S Murugarajan (Chennai)</b></li> </ul>			
<ul style="list-style-type: none"> <li>• <i>Rare case of LV aneurysm and diverticula in tuberous sclerosis</i>  <b>S Ramesh (Chennai)</b></li> </ul>			
<ul style="list-style-type: none"> <li>• <i>Pulmonary Hypertension - Glimpse from an upper window can help!</i>  <b>Pratheesh George Mathen (Vellore)</b></li> </ul>			
<ul style="list-style-type: none"> <li>• <i>Coronary Cyanotic Heart Disease Case</i>  <b>Sushant Kumar Pathak (Kolkata)</b></li> </ul>			
<ul style="list-style-type: none"> <li>• <i>Chunk of thrombus - lysis or surgery?</i>  <b>G Sailendri (Chennai)</b></li> </ul>			
<ul style="list-style-type: none"> <li>• <i>Unusual Valve Destruction</i>  <b>Ishita Majumdar (Kolkata)</b></li> </ul>			
<p><b>Judges:</b>  <b>S K Parashar (Delhi)</b>  <b>G Vijayaraghavan (Trivandrum)</b>  <b>S Ramakrishnan (Delhi)</b></p>			
<p><b>12:30 pm – 1:30 pm</b>  <b>Echo Jeopardy: A highly educative fun filled program</b></p>			

Quiz Master: Sunil Mankad ( USA)			
Team A (Defending Champions)			
Captain: Mani Vannan (USA)			
Members: Satish Govind (Bengaluru) Manish Bansal (Gurugram)			
Team B:			
Captain:Sudhir Wahi (Australia)			
Members : J C Mohan (Delhi) Shantanu Sengupta (Nagpur)			
Team C:			
Captain: K Chandrasekaran (USA)			
Members: Nitin Burkule (Mumbai) K K Kapur (Delhi)			
OFFICIAL SCORERS : Dipankar Datta (Kolkata) Ashish Sinha (Bhagalpur)			
FINAL ARBITRATORS: Sameer Shrivastava (Delhi) Soumitra Kumar (Kolkata)			
1:45 pm – 2:00 pm Valedictory Function			

**Next meet you at ECHO INDIA-2020, BENGALURU**

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