



ECHO INDIA 2018



Pre-Conference Workshop: 4th October 2018 - THURSDAY

ASSEMBLY IN HALL A

Venue: Kalaivanar Arangam, Chennai, Tamil Nadu 600005

8.30 – 8.45 AM: Welcome & Orientation of venue: G. Gnanavelu, Organizing Secretary

8.45 - 9.00 AM: Welcome & Orientation of course: S Shanmugasundaram & Sameer Shrivastava , Scientific Chair,

PATTERN OF VARIOUS SESSIONS: (a) Introduction of topic (b) How to acquire (c) How to measure (d) How to analyze and interpret (e) How to report and conclude (f) We show a case and you interpret (g) Recorded case demonstration in sessions where applicable

TIME	TOPIC	HALL	SESSION INCHARGE
09.15 AM – 10.25 AM	How to perform an ideal echo and Doppler study : Back to basics 1. Role of controls on the Echo machine & their setting 2. What are various ideal echocardiographic 2D views and their echo-anatomic correlation? 3. Basic measurements: the right way 3A: Artifacts – how to recognize & how to eliminate? 4. Basics of clinical Doppler 5. How to optimize ideal Spectral Doppler and Color Flow Mapping? 6. Nyquist limit simplified. When to choose PW and CW Doppler? The usual mistakes made and their solution 7. Reporting format – minimum requirements	A	U.P. SINGH (Chandigarh) MOHAMMAD ULLAH FIROZE (Bangladesh)
		B	ANIRUDDHA DE (Kolkata) RAJAT SUBHRA GHOSE (Kolkata)
		C	NITIN BURKULE (Mumbai) RISHIKESH SHAH (Mumbai)
		D	MANISH BANSAL (Gurugram) HARDEEP GREWAL (Gurugram) Expert Critique: S.K.PARASHAR (Delhi)
		E	S. NATARAJAN (Coimbatore) GAURAV KAPOOR (Amritsar) Expert Critique: R.ALAGESAN (Chennai)
10.30 AM -10.50 AM TEA BREAK			

TIME	TOPIC	HALL	SESSION INCHARGE
10.50 AM – 12 NOON	Pulmonary hemodynamics in clinical practice 1. RA pressure <ul style="list-style-type: none"> • IVC method • Hepatic vein flow reversals • Tricuspid valve Doppler 2. Pulmonary artery peak and mean pressures 2-D Semiquantitative & Doppler quantitative methods <ul style="list-style-type: none"> • How do I measure RV pressure in cases of VSD, PDA? • PA diastolic pressure by PR jet • How do I measure RA volume, tricuspid and pulmonary annulus? • RV functions in daily practice like RVFAC, TAPSE, RV-TDI 	A	S.K. PARASHAR (Delhi) SHAZANA ZAMAN (Bangladesh) SABINA HASHEM (Bangladesh)
		B	ROHIT TANDON (Ludhiana) SUNIL BOHRA (Bengaluru) <i>Expert Critique: RAJ JANARDHAN (USA)</i>
		C	R.J. MANJURAN (Kochi) DEBIKA CHATTERJEE (Kolkata) <i>Expert Critique: K.CHANDRASEKARAN (USA)</i>
		D	S. SHANMUGASUNDARAM (Chennai) R. MANIVASAGAM (Trichy)
		E	G. VIJAYARAGHAVAN (Trivandrum) RACHEL DANIEL (Kollam)
12.05 PM – 01.15 PM	Congenital heart disease – what all you need to know in ASD, VSD 1. Ideal views for evaluation. Basic hemodynamics 2. Anatomical types of ASD 3. Current nomenclature of ASD rims on TTE and TEE 4. Anatomical types of VSD 5. How to assess their severity clinically & by echo for Intervention? 6. Intervention: When to do, how to do and when not to do.	A	K. SIVAKUMAR (Chennai) RITCHIE SOLOMON (Chennai)
		B	MUNESH TOMAR (Meerut) SMITA MISHRA (Greater Noida) <i>Expert Critique: HALA EL MARSFAWY (Egypt)</i>
		C	S.RAMAKRISHNAN (Delhi) C.S.MUTHUKUMARAN (Chennai) <i>Expert Critique: SONIA EI SAIEDI (Egypt)</i>
		D	B.R.J. KANNAN (Madurai) SATISH KUMAR (Madurai)
		E	K.M.KRISHNAMOORTHY (Trivandrum) SAJI PHILIP (Mannar) <i>Expert Critique: I.B. VIJAYALAKSHMI (Bengaluru)</i>

TIME	TOPIC	HALL	SESSION INCHARGE
01.30 PM – 0.2.30 PM LUNCH	<p>Workshop on Myocardial Strain imaging: (Ticketed Session) Limited to 200 delegates</p> <ul style="list-style-type: none"> • What is strain? How to perform speckle –tracking echo? • How to analyze and interpret especially GLS? • Clinical applications • Value of Bulls Eye Plot or AFI in coronary artery disease & cardiomyopathies • Limitations 	A	<p>RAKESH GUPTA (Delhi) V. VATSALA SREE (Vellore)</p> <p>Expert Critique: MANI VANNAN (USA)</p>
02.40 PM - 3.40 PM	<p>Valvular regurgitation : Basic & advanced techniques in evaluation & quantification.</p> <ol style="list-style-type: none"> 1. Introduction 2. Mechanism of types of regurgitation 3. Demonstration of various techniques for evaluation of severity 4. The top common errors in evaluation of severity and their solution 5. When and how to intervene? 	A	<p>SAMEER SHRIVASTAVA (Delhi) ARIF MUSTAQUEEM (Delhi) Expert Critique: G. VIJAYARAGHAVAN (Trivandrum)</p>
		B	<p>A.K. OMAR (Delhi) ATUL KARANDE (Indore) Expert Critique: R.J.MANJURAN (Kochi)</p>
		C	<p>SIMMI MANOCHA (Faridabad) REKHA MISHRA (Delhi) Expert Critique: RAJAT MOHAN (Delhi)</p>
		D	<p>SHANTANU SENGUPTA (Nagpur) ASHOK GARG (Jaipur)</p>
		E	<p>C.K.PONDE (Mumbai) MOHSIN ANSARI (Mumbai)</p>
03.40 PM – 04.00 PM TEA BREAK			

TIME	TOPIC	HALL	SESSION INCHARGE
4.00 PM – 5.15 PM	Basics and clinical application of 3D Echo with practical demonstration 1. Basic concepts of optimizing a 3D image; demonstration of cropping modalities & controls 2. Left ventricular tomographic views: Biplane, Triplane & Multiplane 3. L V 3D volume calculation Step by Step: Gold standard of EF 4. 3-D evaluation of ASD 5. 3-D evaluation of tricuspid valve 6. 3-D evaluation of mitral valve 7. 3-D evaluation of aortic valve	A	R. ALAGESAN (Chennai) K. RAGHU (Hyderabad) Expert Critique: AASHA GOPAL (USA)
		B	V. AMUTHAN (Madurai) S. BALASUBRAMANIAN (Madurai) Expert Critique: K. CHANDRASEKARAN (USA)
		C	RAKESH GUPTA (Delhi) S.R. VEERAMANI (Madurai) Expert Critique: MANI VANNAN (USA)
		D	K.K.KAPUR (Delhi) SATISH GOVIND (Bengaluru)
		E	VINAYAK AGRAWAL (Gurugram) RAHUL MEHROTRA (Delhi) Expert Critique: RAJ JANARDHANAN (USA)
6.00 PM IAE – EXECUTIVE COMMITTEE MEETING: The Park Hotel, Nungambakkam High road, Chennai			