

## NEW SCIENTIFIC PROGRAM: FRIDAY (8<sup>th</sup> November)

HALL A

**8:30am- 9:30 am**     **Case Studies (6+ 2 mins): Unusual Echo Encounters**

**9:30 am – 10:30 am**   **Hypertrophic Cardiomyopathy**

- Different facets of HCM
- Evaluation of HCM mimickers
- Multimodality imaging in HCM
- Different faces & different treatment

**Discussion: 10 mins**

**10:40 am – 11:00 am**     **Coffee Break**

**11:00 am – 1:00 pm**     **Plenary Session**

**11:00 am – 11:15 am**     **Annual IAE Lecture: C.K. Ponde**

**11:20 am – 11:40 am**     **Bijoy K Khandheria Oration: Sameer Shrivastava**

**11:45am – 12:45 pm**     **Joint Academic Session with EACVI**

- Left ventricular diastolic function assessment - what's new?
- The journey of a thrombus between two stations
- GLS vs Strain Rate: Comparative significance: In whom & when
- 3-D RVEF: Has it come of age

**Discussion: 5 mins**

**12:50 pm – 1:05 pm**     **Special Lecture: CT will be the game changer in imaging IHD**

**1:05 pm – 2:00 pm**     **Lunch & Visit Exhibits**

**2:00 pm – 3:30 pm**     **Symposium: Valvular heart disease -1  
(15 mins each)**

- Top errors in evaluation of mitral regurgitation & how to avoid them
- Basic & advanced assessment of aortic stenosis including multimodality imaging
- Staging vs. classifying the tricuspid regurgitation disease, what next in severe TR

- Multivalvular lesion: impact on diagnosis & management
- Exercise & strain; Will they be future modalities for intervention in valvular heart disease

**Discussion: 15 mins**

**3:30 pm – 4:15 pm Echo vignettes (6 take home messages) (6 mins each)**

- Mimics of aortic dissection
- Malignant mitral valve prolapse
- PFO & heart failure
- Increased LVOT gradient: Fallacies in evaluation Is it diagnostic of HOCM
- MAC: New information on neglected entity
- Challenges in the intraoperative assessment of mitral regurgitation
- Mimics of LV non compaction

**4:15 pm – 5:15 pm: Chronic Heart Failure with reduced EF; what all you need to know; (12 mins)**

- Echocardiography: Role in assessing etiology & guiding therapy
- Utilization of echo in assessing therapy & prognosticating
- Current role of Cardiac MRI
- ARNI – The game changer- How, when & why to use it

**Discussion: 10mins**

**5:30 pm onwards INAUGURATION**

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**HALL B**

**8:30 am – 9.:30 am Case Studies: Congenital heart disease (6+2 mins)**

**9:30 am - 10:30 am Symposium: Congenital Heart Disease-1**

- Ebstein Anomaly: What is new & its variants
- Ventricular dysfunction in children - A search for reversible causes

- Echocardiographic diagnosis of coarctation of aorta: Evolution from a pediatric patient to an adult
- Clinical and echocardiographic interpretation of left to right shunts

**Discussion 10 mins**

**10:40 am - 11:00 am      Coffee**

**11:00 am – 1:00 pm      PLENARY SESSION –HALL A**

**2:00 pm – 3:00 pm      Symposium: 3-D Echocardiography as applied  
in clinical practice (13 mins)**

- Artifacts in 3-D echo: How to identify and avoid them
- 3-D assessment of RV geometry & functions
- Role in post cardiac device implantation
- Using 3D TEE wisely in the operating room: When it helps, and when it doesn't

**Discussion: 8 mins**

**3:00 pm – 4:15 pm      Heart failure with preserved ejection fraction**

- Pathophysiology of diastolic dysfunction: Effect on hemodynamic consequences
- New guidelines: Are they sufficient or what would I suggest to reduce indeterminate cases. Case examples
- 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
- Diastolic stress echo: In whom, how to interpret, false positive or negative, is it independently associated with mortality

- Are BNP, normal EF in a predisposed patient sufficient for diagnosis or we need advanced techniques:

**Discussion: 10 mins**

**4:15 pm - 5:15 pm: Potpourie of Imaging in AF (12 mins)**

- How to assess a patient of Chronic AF by Echo
- Acute management in ER: Role of TTE and TEE echo in assessment beyond CHA<sub>2</sub>DS<sub>2</sub>-VASC score
- Role of TE & ICE in percutaneous closure of LAA
- DOACS – A revolution in AF management

**Discussion: 12 mins**

**5:30 pm - onwards: INAUGURATION: HALL A**

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## HALL C

**8:30 am – 9:30 am Case Studies, Cases where multimodality imaging made a difference (6+ 2 mins)**

**9:30 am – 10:30 am: Role of multimodality imaging in evaluation of pulmonary hypertension**

- Assessment in Echocardiography Lab: Usefulness & fallacies
- Role of computed tomography
- Role of CMR
- Does exercise testing has a role

**Discussion: 10 mins**

**10:40 am – 11:00 am Coffee Break**

**11:00 am – 1:00 pm PLENARY SESSION –HALL A**

**2:00 pm – 4:10 pm Workshop: Back to basics for beginners and Sonographers: Live demonstration (13 mins)**

- Knobology & the art of getting a good 2-D & Doppler image
- Quick demonstration of basic diastolic function parameters and analysis (Mitral Doppler, TDI, LA volume, pulmonary vein Doppler)
- How to assess mitral and aortic valve area
- Read with me LV wall motion & coronary involvement with me

- Basic techniques to evaluation LV systolic function: utility & limitations: (EF, MAPSE, Myocardial performance index)
- How to record and interpret global longitudinal strain
- Understanding pediatric views
- Principles to study a prosthetic valve

**4:15 – 5:15 pm: Incisive role of Echo in HF assessment (12 mins)**

- Echocardiography and lung ultrasonography for the assessment and management of acute heart failure
- Stratification of risk of death in HFrEF- additive role of biomarkers and Echo
- Role of GLS in LV systolic function assessment in HFpEF
- HF hospitalization in HFrEF and HFpEF with SGLT2i – light at the end of tunnel?

**Discussion:** 12 mins

**5:30 pm: Onwards INAUGURATION: HALL A**

**HALL D**

**8:30 am – 10:40 am: Case studies: Unusual valvular lesions & TEE**

**10:40 am – 11:00 am: Coffee Break**

**11:00 am – 1:00 pm PLENARY SESSION –HALL A**

**2:00 pm – 3:00 pm: MAKE IN INDIA SESSION (Free Papers)**

**3:05pm – 4:05 pm: Systemic disorders: Case studies by international & national icons (6+2)**

Carcinoid:

Sarcoid:

Amyloid:

Hyperparathyroidism:

Thyrotoxic heart:

SLE:

Fabry's disease:

**4:15 – 5:20 p m: Clinico- Echo dilemmas: Day to day problems where  
I need your opinion – Case based learning (7 take home messages)**

- 7 year old child with juvenile MS: what to do?
- Dilated IVC: Physiological or pathological
- Positive stress echo with normal coronary angiogram: Ignore, investigate or treat?
- RWMA with normal coronary angiogram: How should I proceed?
- Bileaflet aortic PHV with raised gradients: PPM or pressure recovery or valve obstruction or high output state: TEE, CT or anticoagulation or what?
- Asymptomatic severe LICA stenosis: Wait or intervene
- When to intervene in asymptomatic aortic regurgitation

Discussion: 15 mins

**5:30 pm: Onwards INAUGURATION: HALL A**

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**HALLS E & F**

**2:00 pm – 4:30 pm: Accreditation Test:**

**Test Coordinator: Rakesh Gupta**

