

## Broad Scientific Program for Saturday, 9<sup>th</sup> Nov.

### HALL A

**8:30 am – 9:30 am: Cases exotica; (6+2): Mixed bag**

*Intra-operative echo; Cases where echo made a difference  
A complex case of multiple LVOT obstruction*

**9:30 a.m – 10.40 am: Myocardial Ischemia: 15 mins**

- Acute coronary syndrome in young women
- Perfusion imaging in stress echo comes of age contribution of nuclear cardiology in diagnosis, prognosis and risk stratification in coronary artery disease
- Regional wall motion abnormality: Methods to improve diagnostic accuracy

**Discussion: 10 mins**

**10:40 am – 11:00 am Coffee Break**

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

**11:00 am – 11:20 am: IAE Silver Jubilee Lecture**

*How to interpret discordant aortic stenosis?*

**11.20 am 11.40 am: Navin C Nanda Oration**

*Perioperative Echocardiography: Unique challenges of the intraoperative environment”*

**11.45 pm – 12.45 pm: Joint Academic Session with American Society of Echocardiography (Each talk of 15 mins)**

- Microvascular dysfunction – Pathophysiology, detection and treatment
- Echoes from left atrium! Early warning of CV risk
- 3D Echo: Where does it fit into everyday practice

- *Mysteries of Pericardium:*

**Discussion:** 5 mins

**12:50 pm – 1:05 pm** *Use of Artificial Intelligence in multimodality imaging*

**1:10 pm – 2:00 p.m** *Lunch & Visit Exhibits*

**2:00 pm – 3:00 pm** *Special lectures by Masters*

- *Myocardial Viability – A concept that's not dead*
- *Secondary mitral regurgitation: Mechanism, repair, replace or what?, Current concepts:*
- *Four decades experience in infective endocarditis (Case based presentation)*
- *PET, CT Fusion imaging in cardiology*

**3:00 pm – 4:30 pm: Symposium Valvular Heart Disease-2**

- *TAVR 2019: Where have we come from and where are we going*
- *Aortic regurgitation: Assessment of etiology & severity*
- *Gradient vs valve area, mismatch in MS: How do I interpret severity*
- *Cardiac MRI in valve disease: When to do it , what is the incremental value*
- *Role of echo in transcatheter interventions*

**Discussion:** 15 mins

**4:30 pm – 4:45 pm:** *Coffee break*

**4:45 pm – 6:00 pm:** *Case studies by national & international icons*

**6:15 pm onwards:** *IAE General Body Meeting in Hall A*

## **HALL B**

**8:30 am – 9:30 am:** *Case studies: Congenital heart disease*

**9:30 am – 10:40 am:** *Symposium : Congenital heart disease*

- Tetralogy of Fallots: What I can get from echo
- Congenital abnormalities of mitral valve
- What all should I look for in a child with VSD?
- Complex cyanotic heart disease - A simplified approach

**Discussion: 10 mins**

**10:40 am – 11:00 am Coffee Break**

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

**1:10 pm – 2:00 pm Lunch & Visit Exhibits**

**2:00 pm – 3:00 pm Become expert in Doppler: We show, you interpret:  
An interactive session**

**3:00 pm – 4:30 pm: Unwanted problems in prosthetic heart valve: Diagnosis  
& management**

- Patient- prosthesis mismatch
- Bioprosthetic valve thrombosis
- Use of TEE & other modalities in prosthetic valve complications
- Quantifying abnormalities of MVR and AVR
- Guidelines for management.

**Discussion: 15 mins**

**4:30 pm – 4:45 pm: Coffee break**

**4:45 pm- 6:00 pm: Case studies from the World of Critical care (10 mins)**

- Acute chest pain
- Acute dyspnoea
- Neonatal ICU
- Cardiac trauma
- Post cardiac surgery in OR
- RV infarction

**Discussion: 15 mins**

**6:15 pm onwards: IAE General Body Meeting in Hall A**

## HALL C

**8:30 am – 9:30 am:** **Case studies: Intracardiac masses & Pericardium**

**9:30 am – 10:40 am:** **Quantification of LV systolic Function in daily practice; Status 2019**

- Techniques which I can use in daily clinical practice
- Should I be using strain routinely
- Strain vs 3-D echo: Which one to use if I have a choice
- Myocardial fibrosis: Is it the new EF?

**Discussion: 10 mins**

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

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

**1:10 pm – 2:00 pm** **Lunch & Visit Exhibits**

**2:00 pm – 3:00 pm:** **Stress Echocardiography with the experts**

- Ischemic heart disease cases
- Non ischemic heart disease cases
- Cases where 2-D strain & contrast echo proved diagnostic
- Which stress echo variables have strong prognostic power

**Discussion: 10 mins**

**3:00 pm – 4:00 pm:** **Disorders of aorta; Multi-modality imaging (case based presentation with take home message). (10 mins each)**

- Aortic dissection
- Aortic aneurysm
- Bicuspid aortic valve disease or Bicuspid aortic valve syndrome?
- Role in aortic surgery; what does the surgeon needs from the imager
- Aorto-arteritis in 2019

**Discussion: 10 mins**

**4:00 pm – 4:30 pm: Free interactive discussion with masters on RV function**

**4:30 pm – 4:45 pm: Coffee break**

**4:45 pm – 6:00 pm: A positive duet between echo & multimodality imaging:  
Case studies**

**6:15 pm onwards: IAE General Body Meeting in Hall A**

### **HALL D**

**8:30 am – 9:30 am: Case studies: Cases that stumped me**

**9:30 am – 9:40 am: For beginners: The added value of strain  
to widen your clinical skills ( 12 mins)**

- What is strain, how to acquire & assure quality.
- How to interpret and what are the caveats. Should it be routinely employed in daily clinical practice
- Common clinical scenarios where strain gives significant information
- Role in improved detection of ischemia in coronary artery disease
- Role in assessing risk for sudden cardiac death

**Discussion: 10 mins**

**10:40 am – 11:00 am Coffee Break**

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

**1:00 pm -2:00 pm Lunch & visit exhibits**

**2:00 pm – 2:30 pm: Imaging in TAVR (12 mins)**

- Role of Echo and Cardiac CT in pre and per procedural assessment of TAVR
- Post procedural follow up by echo and other imaging modalities in TAVR

**Discussion: 6 mins**

**2:30 pm – 3:15 p.m: Imaging for guidance of Device Therapy in HF (12 mins)**

- Role of imaging in selecting patients for CRT- P, ICD & CRT- D

- CV imaging for evaluation of patients before and after ventricular assist devices
- Comparison of adaptive CRT pacing with Echo-guided optimization

**Discussion: 9 mins**

**3:30 pm – 4:30 pm: AF and HEART FAILURE- a deadly cocktail (12 mins)**

- Imaging for risk stratification in AF with Heart Failure
- Multimodality Imaging for best dealing with patients in atrial arrhythmias
- Anticoagulation therapy and NOACs in heart failure
- SGLT-2 inhibitors and CV risk

**Discussion: 12 mins**

**4:30 pm – 4:45 pm Coffee Break**

**4:45 pm – 6:00 pm Special case study competition for young budding cardiologists**

**6:15 pm onwards IAE General Body Meeting in Hall A**