

# EZECHO 2024



20th & 21st  
July 2024

14th Annual  
Conference of  
West Bengal Academy  
of Echocardiography  
& 11th EZECHO 2024

The Raaj Kutir (Swabhumi), Kolkata



# SCIENTIFIC PROGRAMME

## SATURDAY 20TH JULY, 2024

10:00 AM

10:35 AM

A 72 years old lady presents with new onset angina on exertion (CCS-II); ex-smoker, hypertensive, diabetic CKD. Echo shows concentric LV hypertrophy (IVS = 14, PW = 13) with normal dimension, EF = 63%, no RWMA. Thickened, calcified AV (PPG:54mmHg, MPG:34mmHg, AVA 1.0 cm<sup>2</sup> by continuity equation; severe mitral annular calcification (MAC).

- Further quantification of severity of aortic stenosis by Echo and other imaging options
- MAC and its significance
- Differential diagnosis of effort angina in this patient
- Further management

Speaker: Dr. Shantanu SenGupta - 35 mins (25 + 10)

Chairpersons: Dr. Achyut Sarkar, Dr. Dipankar Datta, Dr. S. B. Nagori

10:35 AM

11:10 AM

A 24 years old female presents with long-standing, c/o progressive breathlessness on exertion with episodic PND. Echo reveals severe mitral stenosis, mild MR, mild to moderate AR, severe TR, PASP ~ 75mmHg, LVDD : 45 mm, LVS = 30 mm, EF = 60%, LA = 50 mm.

- Nitti-gritties of echocardiography in multivalvular disease
- Management options in this patient
- F/u echocardiography

Speaker: Dr. I. B. Vijayalakshmi - 35 mins (25 + 10)

Chairpersons: Dr. Arunangshu Ganguly, Dr. P. C. Mondal, Dr. Debashis Banerjee

## SATURDAY 20TH JULY, 2024

11:10 AM 11:45 AM	<p>A 60 years old lady presents with recent onset breathlessness on exertion (NYHA Class-II); no h/o hypertension/DM. Echo shows borderline LV dimensions (LVDD = 56 mm, LV = 39 mm), CF : 65%, LAVT = 58 ml/m<sup>2</sup>. Moderately severe MR, Gr-II LV diastolic dysfunction; PASP = 40 mmHg.</p> <ul style="list-style-type: none"><li>• Identifying MR aetiology and quantifying MR severity</li><li>• Assessment in depth of LV and LA functions</li><li>• Further imaging options</li><li>• Management guidelines</li></ul> <p>Speaker: Dr. Nitin Burkule - 35 mins (25 + 10) Chairpersons: Dr. Asok Kr. Kar, Dr. B. P. Pandey, Dr. Nandita Chakraborty</p>
11:45 AM 12:45 PM	<p>My Unique Echo Case (CD Presentation) - (8 + 2 mins each)</p> <p>Presenters: Dr. Kaustabh Biswas, Dr. Debadatta Mukhopadhyay, Dr. Nurul Islam, Dr. Ishita Majumder, Dr. Ashok Giri, Dr. Paramartha Bhattacharya</p> <p>Chairpersons: Dr. Santanu Guha, Dr. Kanak Kr. Mitra, Dr. Pranita Nandy</p>
<b>INAUGURATION</b>	
12:45 PM 01:10 PM	<p><b>WBAE Presidential Oration</b> - Current Role and Future Perspectives of Artificial Intelligence in Echocardiography</p> <p>Speaker: Dr. Suvro Banerjee - 25 mins</p> <p>Chairpersons: Dr. Achyut Sarkar, Dr. Soumitra Kumar, Dr. Rajat Subhra Ghose</p>

## SATURDAY 20TH JULY, 2024

01:10 PM 01:45 PM	<ul style="list-style-type: none"><li>Worsening HF : Identification &amp; Recent Breakthroughs in Treatment</li></ul> Speaker: Dr. B. P. Pandey (15 mins) <ul style="list-style-type: none"><li>Optimising Cardio Renal Outcomes - Exploring Newer Options in T2D with CKD</li></ul> Speaker: Dr. Sunip Banerjee (15 mins) <p>Discussion - 5 mins</p> Chairpersons: Dr. Debasish Ghosh, Dr. R. L. Joshi (Unrestricted Academic Grant by Bayer)
01:40 PM 02:30 PM	<b>LUNCH</b>
02:30 PM 03:05 PM	<p>A 48 years old male admitted to the critical care unit with c/o poorly-defined ill health (as narrated by relatives) for two days in a state of frank shock. No past history is available You are called-in to do a bedside-echo-cardio-graphy to exclude a cardiogenic etiogy of shock.</p> <ul style="list-style-type: none"><li>Approach to echocardiography in Cardiogenic shock</li><li>Role of Echo in other etiologies of shock</li><li>Place of serial F/u echo studies</li><li>Management guidelines</li></ul> Speaker: Dr. Vinayak Agrawal - 35 mins (25 + 10) Chairpersons: Dr. Amit Ray, Dr. Chandan Misra, Dr. Ayan Kar

## SATURDAY 20TH JULY, 2024

03:05 PM 03:40 PM	<p>A 36 years old male presents with progressive breathless on exertion for nearly one year with vague chest discomfort. Smoker, non-diabetic, normotensive. Echo shows dilated LV with borderline LA dimensions LVEF ~ 33%. Mild to moderate MR : PASP ~ 40 mmHg, RA &amp; RV - normal.</p> <ul style="list-style-type: none"><li>• Further quantification of LV function &amp; probable aetiology of LV systolic dysfunction by Echo</li><li>• Differential diagnosis of this patient and further imaging options in sequence</li><li>• Management guidelines</li></ul> <p>Speaker: Dr. Johann Christopher - 35 mins (25 + 10) Chairpersons: Dr. Sourangshu Chatterjee, Dr. Sunip Banerjee, Dr. Mainak Mukhopadhyay</p>
03:40 PM 04:15 PM	<p>A 52 years old normotensive, non-diabetic male presents with progressive breathlessness on exertion for six months with mild bipedal oedema. Echo shows concentric LV hypertrophy (IVS = 15. PW = 14), EF = 64%, Gr. II LV diastolic dysfunction PASP = 54 mmHg</p> <ul style="list-style-type: none"><li>• Further Echo work-up</li><li>• Differential diagnosis</li><li>• Further imaging studies</li><li>• Management guidelines</li></ul> <p>Speaker: Dr. J. C. Mohan - 35 mins (25+10) Chairpersons: Dr. Dipankar Datta, Dr. Debika Chatterjee, Dr. Goutam Datta</p>
04:15 PM 04:40 PM	<p><b>IAE President Oration</b> - Echo in Adult Congenital Heart Diseases Speaker: Dr. I. B. Vijayalakshmi - 25 mins Chairpersons: Dr. Amal Kr. Banerjee, Dr. Soumitra Kumar, Dr. Suvro Banerjee</p>

## SATURDAY 20TH JULY, 2024

04:40 PM 05:55 PM	<p>Potpourri of Challenging Situations (National &amp; Local Faculty) 10 mins each</p> <ul style="list-style-type: none"><li>a) Diastolic Function Evaluation in AF — Dr. Aniruddha De</li><li>b) Essential Haemodynamic Assessment in CCU by Echo — Dr. Debika Chatterjee</li><li>c) Complete Echo Evaluation in Incidentally Detected PH — Dr. Madhu Shukla</li><li>d) Shock in Neonate - Evaluation by Echo — Dr. Debadutta Mukhopadhyay</li><li>e) A 5 year Old Child with Frequent Episodes of Fever, Cough &amp; Wheeze® Echo Screening for CHD — Dr. Dhritabrato Das</li><li>f) Echo for evaluation of a patient with unexplained transient LOC — Dr. Paramartha Bhattacharya</li></ul> <p>Discussion - 15 mins Chairpersons: Dr. Arunangshu Ganguly, Dr. Saroj Mondal, Dr. Soumya Kanti Dutta</p>
06:00 PM 06:40 PM	<ul style="list-style-type: none"><li>• Optimising Challenges to Drug Therapy in HFREF Speaker: Dr. Abhinay Tibdewal (15 + 5 mins)</li><li>• Exploring LDL-C Management Challenges in very High Risk ASCVD Patients Speaker: Dr. Sumanta Chatterjee - (15 + 5 mins)</li></ul> <p>Chairpersons: Dr. P. K. Hazra, Dr. Raja Roy, Dr. Subhra Aditya (Novartis)</p>
06:45 PM 07:45 PM	<p><b>QUIZ</b>   Quiz Master: Dr. Johann Christopher Adjucators: Dr. Sourangshu Chatterjee, Dr. Dipankar Datta</p>
08:00 PM	<p><b>DINNER</b></p>

## SUNDAY 21ST JULY, 2024

10:00 AM

Competitive CD Presentations (6 + 4 mins) x 8 cases

11:20 AM

Judges: Dr. J. C. Mohan, Dr. I. B. Vijayalakshmi, Dr. Nitin Burkule

11:20 AM

Potpourri of Challenging Situations (10 mins each)

01:00 PM

- Diastolic Stress Echo — Dr. Dipanjan Bhattacharya
- Are We Still Missing subtle RV Dysfunction — Dr. Shilanjana Roy
- Echo for Operative Clearance before Non-Cardiac Surgery — Dr. Sulagna Banerjee
- LV Non-Compaction and its mimics — Dr. J. C. Mohan
- Onco-Therapeutics and Role of Echocardiography — Dr. Madhu Shukla
- Essential Haemodynamics assessment in CCU by Echo — Dr. Abhijit Biswas
- Incidentally Detected Dilated Right Heart Chambers in a Young Adult — Dr. Anil Singhi
- Viability Study in Ischaemic DCM - Dead or Alive? — Dr. Johann Christopher
- Dilated Coronary Sinus - Echo and other imaging options for further evaluation — Dr. Aniruddha De

Discussion - 15 mins

Chairpersons: Dr. Rajat Subhra Ghose, Dr. Mahesh Chowdhury, Dr. Indranil Datta

## SUNDAY 21ST JULY, 2024

01:00 PM 02:15 PM	<p>Per-operative &amp; Per-procedure Echo - DTE/TEE) - 10 mins each</p> <ul style="list-style-type: none"><li>• PDA Device Closure by Echo-Guidance — Dr. Ishita Majumder</li><li>• Echo Guidance in TAVR &amp; Mitra-Clip — Dr. Nitin Burkule</li><li>• LAA Appendage Closure - pre- &amp; per-operative Echo Guidance — Dr. Vinayak Agrawal</li><li>• Echo Work-up Prior to Decision for Cardiac Transplantation — Dr. Kaustabh Biswas</li><li>• Catheter-based Paediatric Procedures where Echo is Indispensable — Dr. I. B. Vijaylakshmi</li><li>• Open Heart Surgeries under TEE Guidance — Dr. Soumi Das</li></ul> <p>Discussion - 15 mins Chairpersons: Dr. P. K. Deb, Dr. Arup DasBiswas, Dr. Hema Rath</p>
02:15 PM 03:00 PM	<b>LUNCH</b>
03:00 PM 03:30 PM	<p><b>Medico Legal Ethic Session</b> Speaker: Dr. Arunangshu Ganguly Panelists: Dr. Suvro Banerjee, Dr. Soumitra Kumar, Dr. Arup DasBiswas</p>
03:30 PM Onwards	<b>Prize Distribution &amp; Valedictory Session</b>