

*XVth World Congress of Cardiology,
Echocardiography & Allied Imaging Techniques*



International Society of Cardiovascular
Ultrasound and Allied Techniques



Indian Academy of Echocardiography



Cardiological Society of India
Delhi Branch

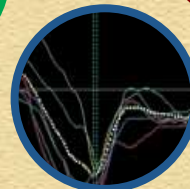


European Association
of Echocardiography

SEPTEMBER 30 - OCTOBER 2 , 2011
HOTEL THE LEELA KEMPINSKI, GURGAON

Pre-Conference CME:
September 29 , 2011

Final Scientific Program



Secretariat:

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Welcome

It gives us great pleasure to welcome you and present before you the scientific program for the XVith World Congress of Cardiology, Echocardiography & Allied Imaging Techniques to be held at Hotel Leela Kempinski, Gurgaon, Delhi NCR from September 30–October 2, 2011 with pre-conference CME on September 29, 2011. The theme of the congress is “**Blending cardiovascular imaging with clinical cardiology**”.

As you scan the program, you will notice that the stress has been to include lectures, symposia and workshops which will be of practical significance for all level of echocardiographers, family physicians, post graduates and young cardiologists. A wide range of subjects like heart failure, valvular diseases, cardio-diabetes, pulmonary hypertension, acute coronary syndrome, congenital heart disease, cardiomyopathy, prosthetic valve etc have been included. Each symposia covers both clinical cardiology and echocardiography. The orations will be very academically stimulating and will be delivered by stalwarts in the field of echo.

The nucleus of the conference is multiple case study sessions which again include both clinical cardiology and echocardiography. This will be a feature of every day meeting and covers wide range of topics. This is besides the three live workshops on 3-D TEE, Contrast echo and 3-D transthoracic echo. A healthy sign has been an overwhelming response from our young postgraduates. A large number of high quality cases were sent for Natesa G Pandian case study competition. As all of them could not be accommodated, hence a special case study session 'by and for our young cardiologists' was instituted, where our young participants will present cases. The special prize winning echo quiz by Dr. Manjuran is expected to be a big draw. We are confident that the pre-conference CME will be a great success where every participant will become fully conversant with the five topics to be discussed.

We are fortunate to have an outstanding international and national faculty. We are sure you will enjoy the flashes of expertise during their discourse and benefit with a good interaction with them.

Learning with fun, and without stress, is a great experience. You will have an experience of lifetime with the session on echo jeopardy (Kaun Banega Echo Krorapati) in which there will be a healthy, but fierce, Indo – USA competition. The moderators of this session are masters in this field. As such we feel that this congress will be a “temple of learning”. The social evenings will help you to relax and unwind from the busy academic schedule.

We once again welcome you to this academic and social feast.

Navin C Nanda Int'l President **Satish K Parashar** National President **Rakesh Gupta** Secy. General **R Alagesan** President, IAE

R.J. Manjuran Scientific Chair **J.C. Mohan** Vice-President **H.K. Chopra** Chairman, Reception Committee **R.R. Kasliwal** Chairman, Steering Committee



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International Faculty

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| V. Maurizio Parato, Italy | Adoracion M. Abad, Phillipines |
| Muhamed Saric, USA | Alexander Olivares Reyes, USA |
| R. Senior, UK | Peter Rahko, USA |
| Wilson Mathias Junior, Brazil | K. Hanumanth Reddy, USA |
| Sunil Mankad, USA | Aleksandr Rovner, USA |
| Rekha Mankad, USA | Debasish Roychoudhury, USA |
| Natesa Pandian, USA | Robert E Safford, USA |
| Baren Chakraborty, Bangladesh | Rajat Sanyal, USA |
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| Madhavi Kadiyala, USA | Vibhuti N. Singh, USA |
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| Kulliki Karu, Estonia | Sandeep Gupta, UK |
| Elsadig Kazzam, UAE | Jeane Mike Tsutsui, Brazil |
| Kee-Sik Kim, Korea | Eduardo Guevara, Argentina |
| M Serdar Kucukoglu, Turkey | Jarosl w D. Kasprzak, Poland |
| Vadim A Kuznetsov, Russia | Ming C. Hsiung, China |
| T. Susan Laing, USA | Gultekin Karakus, Turkey |
| Abdullah Majumder, Bangladesh | MingXing Xie, China |



Calendar of Meetings & Events

| Date | Time | Venue | Event |
|-------------------------------|---------|----------------|--------------------------------|
| 29 th Sept, 2011 | 6.00 pm | Mahogany | E.C. Meeting |
| 30 th Sept, 2011 | 5.00 pm | Pearl Ballroom | Inaugural function |
| 30 th Sept, 2011 | 6.15 pm | Maple Room | Annual General Body Meeting |
| 1 st October, 2011 | 8.00 pm | Pearl Ballroom | Cultural Program & Gala Dinner |

Important Contact Numbers

| | |
|-------------------|-------------|
| Dr S.K. Parashar | 09810146231 |
| Dr. Rakesh Gupta | 09811013246 |
| Dr. H.K. Chopra | 09811090204 |
| Dr. R.R. Kasliwal | 09971698148 |
| Dr. Manish Bansal | 09971991749 |

Official Congress & Event Manager Kyoni Destination Management

| | |
|---------------|-------------|
| Raju Gandha | 09810773147 |
| Rajat Khurana | 09560188488 |

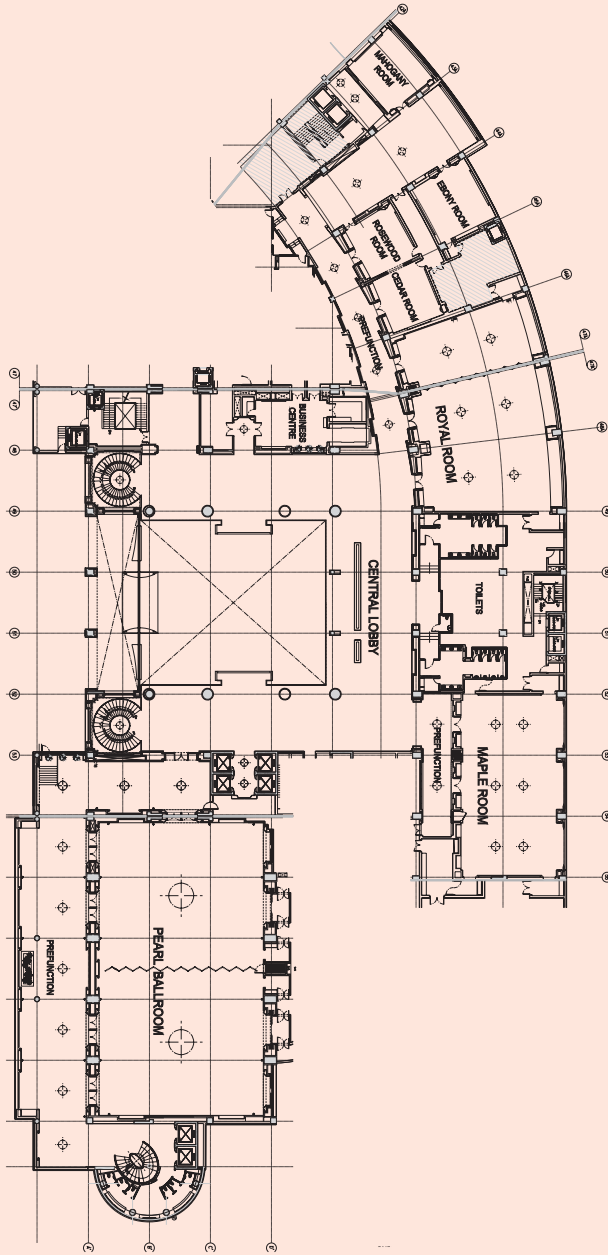
Important information

Venue

Hotel Leela Kempinski, Gurgaon. Delhi NCR

Key to location of halls

All the conference halls are located on the first floor. The Pearl Ballroom is the main convention hall. Pearl Ballroom 'A' is the front portion of the hall and 'B' is the rear portion close to the entrance. Other halls are as shown in the map.





Registration Desk at venue

Opening hours

| | |
|----------------------------|-------------------|
| 28 th September | 2.00 pm - 8.00 pm |
| 29 th September | 7.30 am - 6.00 pm |
| 30 th September | 7.00 am - 6.00 pm |
| 1 st October | 8.00 am - 5.00 pm |
| 2 nd October | 9.00 am - 2.00 pm |

Spot Registration

There will be no spot registration. In case of vacancy only cash will be accepted.
Delegate bag will be issued subject to availability

Badge Information

Please display your identification badge at all times during the meeting. Admission to the Scientific Sessions and Exhibition Halls is strictly restricted to persons displaying badges.

Language

The official language of the conference is English. No translation shall be available.

Lunch & Beverage Service

Lunch / Beverages will be served in the areas adjoining the Pearl Ballroom.

Faculty Hospitality Lounge

Situated in the lounge between Mahogany and Ebony board rooms.

Preview Room (Speakers Service Center)

It is situated in Ebony board room and the entrance is through the faculty hospitality lounge. This room will be available from 7.30 am till 5.00 pm daily from 29th September to 1st October, 2011 and from 7.30 am till 3.00 pm on 2nd October. Please deposit your presentation material at least 4 hours prior to the session and previous evening for next day's session. All modern audio-visual facilities will be available.

Scientific Exhibition

Latest equipment and products in the field of cardiovascular medicine will be on display by exhibitors in pre-function area adjacent to Pearl Ballroom and terrace. The opening hours shall be from 9.00 am to 6.00 pm daily on main conference days.



Medical Care

In case of any emergency, please contact the hospitality desk or Dr's R. R. Kasliwal / Manish Bansal.

Messages

A message center is available in the registration area.

Travel Desk

For any sight seeing, please contact the Official Congress and Event Manager who will assist you for your travel needs.

Food Coupons

You are advised to carry the appropriate food coupons for presentation at the catering area to avoid embarrassment.

No Smoking

The participants are requested to refrain from smoking in the conference and exhibition premises.

Cell Phones

To avoid undue interference in the scientific deliberations and causing disturbance to fellow delegates, please tune them to silent mode.

Liability / Insurance

The organizing committee shall not be held responsible for personal accidents, losses or damage to private property of registered delegates or accompanying persons. Participants are requested to make their own arrangements in respect to travel and health insurance.

Transmission of Scientific Deliberations

During sessions in Pearl Ballroom only, in case of overcrowding, arrangements for excellent transmission to other halls have been made. Please cooperate with the organizers in this regard.

Your Address During The Conference

Hotel THE LEELA Kempinski, Ambience Island, National Highway -8, Gurgaon 122002, Delhi NCR
Phone: +91 124 4771234, Fax : +91 124 4771235

Guide to the program dates

29th Sept.
2011

30th Sept.
2011

1st Oct.
2011

2nd Oct.
2011



Pre-Conference CME
Thursday, 29th September, 2011
9 am – 5.30 pm

7.30 am – 8.30 am Registration & allocation of batches
8.30 am – 8.35 am Welcome : S.K. Parashar
8.35 am – 8.40 am Welcome : Rakesh Gupta
8.40 am – 8.45 am Welcome & orientation of course:
 R.J. Manjuran

Each session of 75 minutes

| | |
|-------------------|---|
| Maple Room 1 | Acuson SC 2000 (Siemens Ltd.) Right heart functions (From basics to newer methods): J.C. Mohan, A.V. Anjaneyulu, S.K. Parashar, R.J. Manjuran, V Jacob Jose (RV anatomy, echo views, echo assessment of RV function, prognostic impact of RV function) |
| Board Room Lounge | MYLAB 60 (Esaote India – NS Ltd.) Carotid Doppler: How do i assess and interpret in my daily practice.: Technical tips C.V. Vanjani , P.K. Ghosh, Sameer Shrivastava, Sanjay Mittal, Rakesh Gupta (Anatomy of the vessel, views of ultrasound scanning, normal & abnormal Doppler hemodynamics, how to measure IMT) |
| Maple Room 2 | Alpha- 6. Trivitron (I) Ltd Valvular stenosis: Assessment, limitations and their solution S.K. Parashar, R.R. Kasliwal, Shantanu Sengupta, M. Chenniappan, C.K. Ponde (Anatomy of the valves, 2-D findings of stenotic lesions, quantitation of lesion, limitations) |
| Royal Room 2 | Vivid E 9. Wipro GE Healthcare Pvt Ltd. How do I assess and report ventricular dyssynchrony in my lab. Rakesh Gupta, Satish Govind, Nitin Burkule, S Shanmugasundaram, Manish Bansal (What is ventricular dyssynchrony, what are the types of dyssynchrony, in whom, when & why do we assess it, various echo methods to assess it) |
| Royal Room 1 | I-33 x-Matrix by Philips Electronics (I) Ltd. Live 3-D Echo: Protocol for acquisition. How to slice and get full information R.Alagesan, K.K. Kapur, Rahul Malhotra, V. Amuthan, Aasha Gopal (USA) |



Details of Workshop Hall Wise

9.00 am -10.15 am

| | | |
|-------------------|---------------|---------|
| Maple Room 1. | V.Jacob Jose | Batch 1 |
| Board Room Lounge | Rakesh Gupta | Batch 2 |
| Maple Room 2 | S.K. Parashar | Batch 3 |
| Royal Room 2 | Manish Bansal | Batch 4 |
| Royal Room 1 | R. Alagesan | Batch 5 |

10.15 am – 10.30 am Rapid fire coffee break

10.30 am – 11.45 am

| | | |
|-------------------|-------------------|---------|
| Maple Room 1. | A.V. Anjaneyulu | Batch 5 |
| Board Room Lounge | P.K. Ghosh | Batch 1 |
| Maple Room 2 | Shantanu Sengupta | Batch 2 |
| Royal Room 2 | Satish C. Govind | Batch 3 |
| Royal Room 1 | V. Amuthan | Batch 4 |

12.00 pm – 1.15 pm

| | | |
|-------------------|---------------|---------|
| Maple Room 1 | R.J. Manjuran | Batch 4 |
| Board Room Lounge | C.V. Vanjani | Batch 5 |
| Maple Room 2 | C.K. Ponde | Batch 1 |
| Royal Room 2 | Nitin Burkule | Batch 2 |
| Royal Room 1 | Aasha Gopal | Batch 3 |

1.15 pm – 2.00 pm Working Lunch

2.00 pm – 3.15 pm

| | | |
|-------------------|--------------------|---------|
| Maple Room 1 | S.K. Parashar | Batch 3 |
| Board Room Lounge | Sameer Shrivastava | Batch 4 |
| Maple Room 2 | R.R. Kasliwal | Batch 5 |
| Royal Room 2 | S.Shanmugasundaram | Batch 1 |
| Royal Room 1 | Rahul Malhotra | Batch 2 |

3.20 pm –3.40 pm Coffee Break

3.45 pm - 5.00 pm

| | | |
|-------------------|----------------|---------|
| Maple Room 1 | V. Jacob Jose | Batch 2 |
| Board Room Lounge | Sanjay Mittal | Batch 3 |
| Maple Room 2 | M. Chenniappan | Batch 4 |
| Royal Room 2 | Rakesh Gupta | Batch 5 |
| Royal Room 1 | K.K. Kapur | Batch 1 |



Royal Room

5.15 pm – 5.45 pm

Special Evening Session :
Myocardial contrast echo
Setting up a lab & instrument, how to do & practical tips

Chairpersons

V. Jacob Jose (India), M. Chenniappan (India)

Speaker

Navin C Nanda (USA)

20 mins.

Audience interaction

10 mins.

Mahogany Board Room

6.00 pm – onwards

Executive Committee Meeting

add

Philips



Friday, 30th September, 2011

7.00 am onwards Registration opens

PEARL BALLROOM

8.00 am Welcome : S.K. Parashar,
Congress President

8.05 am Welcome & Announcements
Rakesh Gupta, Secy. General

8.10 am Welcome : Navin C Nanda,
International President

8.15 am Welcome : R. Alagesan,
President IAE

8.20 am Introduction to scientific program:
R.J. Manjuran, Scientific Chair

8.30 am-8.50 am **IAE Annual Lecture**
Role of echo in pediatric ICU

Chairpersons R.J. Manjuran (India),
Jagdish Hiremath (India)

Speaker Savitri Shrivastava (India) **18 mins.**

9.00 am-10.45 am **Symposium**
Newer applications of
echocardiography

Chairpersons Hanumanth Reddy (USA), Vinod
Vijan (India), Yogesh Verma (India),
Simmi Manocha (India)

Speakers

- **Contrast echocardiography: Which patients will benefit most and how to select them. Illustrative examples**
Navin C. Nanda (USA) **16 mins.**
- **Mitral valve prolapse & chordal rupture: Evaluation by M-mode, 2-D and 3-D echo-What are the pitfalls**
Sunil Mankad (USA) **16 mins.**
- **2-D / 3-D echocardiography of the aortic root / valve for clinical decision making**
Mani Vannan (USA) **16 mins**



- **Myocardial contrast echocardiography- Present & future.**
Roxy Senior (UK) **16 mins**
 - **Update on applications of echo for CRT**
John Gorcsan 111(USA) **16 mins**
 - **Percutaneous aortic valve replacement: Indian perspective**
Purshotam Lal (India) **15 mins**
- Panel discussion & questions from the audience** **10 mins**

10.45 am – 11.00 am Coffee & Visit Exhibits

11.00 am-12.10 am **Natesa G Pandian Case (7+3 mins)**
Study Competition

Chairpersons **G.Vijayaraghavan (India), Maya Ballal (India), Rajinder Singh (India)**

1. **Right ventricular apical thrombus in a patient with healed anterior wall infarction**
Rajesh Rajan, Kerala Institute of Medical Sciences, Trivandrum
2. **Absent pulmonary valve syndrome: Prenatal cardiac ultrasound diagnosis with autopsy correlation**
Saji Philip, Mohan Verghese, Krishna Manohar, Kottureth Mamman Cherian, Dr. K.M. Cherian Heart Foundation, Parumala Frontier Life Line Hospital, Chennai
3. **2D/3D echocardiography assisted successful intervention for coronary cameral fistula**
R.Aravazhi, V.Amuthan, R.A.Janarthanan, B.R.J.Kannan, S.Balasubramanian, S. Naina Mohamed, N.Ganesan, G.S. Sivakumar, S.R. Veeramani, P. Ashok Kumar, R.Sampath Kumar, R.R. Saravanan, A. Jegadeeswari. Madurai Medical College, Madurai
4. **An uncommon mediastinal mass: A diagnostic & therapeutic dilemma**
Nagaraja Moorthy, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow
5. **An interesting case of cardiac murmur**
Jesu Krupa. DDMM Heart Institute. Nadiad
6. **A case of myocardial infarction with left atrial mass**
Nipun Mahajan, Care Hospital, Hyderabad
7. **Unusual presentation of aortic run off**
Makarand R. Naik, K. Raghu, Anuj Kapadia, P. Krishnamraju, G. Ramasubrahmanyam. Care Hospitals, Hyderabad



PEARL BALLROOM : B

Symposium : Pulmonary Arterial Hypertension

Moderator J.C. Mohan (India)

Speakers

- **Opening remarks and case presentation**
J.C. Mohan 5 mins.
- **Epidemiology of pulmonary hypertension**
K. Raghu (India) 16 mins
- **Etiology and pathogenesis of pulmonary hypertension**
Vidyut Jain (India) 16 mins
- **Diagnostic evaluation of PAH: Are there pitfalls in non-invasive evaluation?**
Robert Safford (USA) 16 mins
- **Acute pulmonary thromboembolism: Role of echo**
Jacob Jose (India) 16 mins
- **Prognostic markers in pulmonary hypertension**
George Koshy (India) 16 mins
- **Evaluating therapy in pulmonary hypertension**
Debashish Roychoudhury (USA) 16 mins

Audience Interaction 15 mins

ROYAL ROOM :1

Symposium : Cardio-Diabetes

Moderators R.R. Kasliwal, H.K. Chopra (India)

Speakers

- **Introduction to the symposium**
R.R. Kasliwal & H.K. Chopra 5 mins.
- **Early detection of atherosclerosis in diabetes- should we really wait for development of ischemia?**
R.R. Kasliwal (India) 17 mins
- **Subclinical myocardial dysfunction - Can we delay progression to heart failure?**
Alan Fraser (UK) 17 mins



- **Detecting myocardial ischemia in diabetics - Is stress testing reliable or do we need other techniques?**
Satish Govind (India) 17 mins
 - **Optimizing sustained glycemic control : How and what is the best time to act?**
Ambrish Mithal (India) 17 mins
 - **Diabetic dyslipidemia – Challenges & solutions**
H.K. Chopra (India) 17 mins
 - **Vitamin D: An emerging risk factor in cardio-metabolic syndrome.**
A.K. Pancholia (India) 17 mins
- Panel Discussion** 15 mins

MAPLE ROOM

Symposium: Pediatric Interventions: What will I assess by surface echo, when and how will I intervene in?

Moderator Balu Vaidyanathan (India)

Speakers

- **Introduction to the symposium**
Balu Vaidyanathan 3 min
 - **Small & large ASD : Problems of closure & solution**
Nageswara Rao (India) 17 mins
 - **Closing ASD with moderate to severe pulmonary hypertension without cardiac catheterization**
Mary Ong-Go (Phillipines) 17 mins
 - **VSD closure : For whom and when?**
Balu Vaidyanathan (India) 17 mins
 - **Large PDA : Assessment, tips and tricks for interventional management.**
Snehal Kulkarni (India) 17 mins
 - **Coarctation of aorta : Balloon / Stenting.**
Vikas Kohli (India) 17 mins
 - **Role of 3D echo in planning and executing interventions for congenital heart disease.**
K. Siva Kumar (India) 17 mins
- Audience Interaction** 15 mins



ROYAL ROOM -2

Free Paper Session (7 + 3 mins)

Chairperson Rajeev Gupta (India), Ashok Garg (India),
Ashish Saxena (India), Harendra Kumar (India),
S.P. Byotra (India)

- 1. Profile of modifiable and non modifiable risk factors of coronary artery disease among 200 doctors of MM university**
Varun Goel, S.B. Siwach, B.K. Agrawal, Tejinder Talwar, Imran Khan.
Maharashtra Markandeshwar Institute of Medical research, Ambala
- 2. Infective endocarditis in FILIPINO. A six year review (2004- 2009)**
Angelo Dave C Javier
- 3. Electrocardiogram can be useful in the differential diagnosis of pulmonary hypertension**
Luknar Milan, Eva Goncalvesova, Peter Lesny,
National Institute for Heart Diseases NUSCH (Institution)- Bratislava, Slovak Republic
- 4. Is it possible to automate M-mode echocardiographic measurements for enhanced image analysis: A potential for local application (The automatic study)**
Jose Donato Magno, Nelson Abelardo, Felix Eduardo Punzalan, Lynzle Baldelomar, Lester Nacu, Charlene Reyes
Section of Cardiology, Philippine General Hospital. Department of Computer Science College. Manila
- 5. Transcatheter closure of patent ductus arteriosus: Mid term results**
Vijayalakshmi Balekundri, Chitra Narasimhan, Sachin Yalagudri
Sri Jayadeva Institute of Cardiology, Bangalore
- 6. Echocardiography in HIV patients**
Manish Bavallya, Ritesh Vekariya, Mehu Patel
C.U. Shah Medical College , Surendranagar
- 7. Diameter and shape of coronary sinus in the differential diagnosis of narrow QRS complex short RP tachycardia**
E Babu, Raja Selvaraj, A Ajith, P Gobu, Santosh Satheesh, J Balachander
Jawaharlal Institute of Postgraduate Medicine, Pondicherry
- 8. Contrast echocardiography in routine clinical practice**
Jesu Krupa Spurgen, Mahpaekar Mashhadi, Sanjeeth Peter, Dorothy Lall
DDMM Heart Institute, Mission Road, Nadiad
- 9. 2 years follow up after balloon valvuloplasty of aortic stenosis in elderly**
Oled Calenci, Eugina Calenci, Alexandru Caraus.
Institute of Cardiology, Republic of Molodova, Groupe hospitalier du Havre, France



10. Normal values of echocardiographic measurements in Indians

NVBK Sai, K Raghu, P Krishnam Raju
Care Hospital, Hyderabad

11. To study the cardiac anomalies associated with dextrocardia by echocardiography

Rajat Arora, Sameer Ambar, Ravikant Patil, Prabhu Halkati,
Suresh Patted, S.T. Yavagal
KLES Heart Foundation, Belgaum, India

MAHOGANY, EBONY BOARD ROOM

2.15 pm – 4.15 pm

IAE Accreditation Test

Moderator

Rakesh Gupta

4.15 pm-4.45 pm

Coffee & Visit Exhibits

5.00 pm – 6.00 pm

**Inaugural Function
Pearl Ball Room**

6.15 pm onwards

**General Body Meeting
Maple Room**



Easy 4D - for the clinical routine
Quantitative Echo

Advancement in 2D Image Quality

4D Single Beat Imaging
4D LV Mass and 4D
Strain

Single Crystal &
Matrix Array Technology



Saturday, 1st October, 2011

7.30 am-8.30 am **Pearl Ballroom-A**
Special breakfast session
Discuss your difficult undiagnosed case with experts

Moderator Vivek Tandon (India)

Experts Sunil Mankad (USA), Navin C. Nanda (USA), P.Krishnam Raju (India), I.B. Vijayalakshmi (India)

Parallel Sessions In Four Halls

8.30 am-10.30 am **Pearl Ballroom-A**

8.30 am-9.10 am **Echo based hot clinical cardiology rounds**

Chairpersons Robert Safford (USA), Murlidhar S Rao (India), M.K. Das (India)

Presenters Sandeep Gupta (UK)
Rakesh Gupta (India)

9.15 am-9.30 am **Special lecture**
Guidelines for grading LV diastolic function by echo: Do they actually work?

Speaker Peter Rahko (USA) **15 mins**

Questions from the audience **5 mins**

9.35 am – 10.30 am **Symposium**
Advanced applications of Live 3-D Echo

Chairpersons Ming Hsuing (Taiwan), Gultekin Karakus (Turkey)

Speakers

- **Current status of 2-D & 3-D echo assessment of RV function**
Aasha Gopal (USA) **15 mins**
- **Mitral valve anatomy and pathoanatomy: Insights from 3-D TEE**
Muhammed Saric (USA) **15 mins**
- **Advanced quantification in echo: 2-D, 3-D Speckle Tracking**
Bernhard Mumm (Germany) **15 mins**

Questions from the audience **10 mins**



| | | |
|------------------------------------|--|----------------|
| 8.30 am-10.30 am | Pearl Ballroom-B | |
| 8.30 am-8.50 am | Paradoxical Doppler signals (Case based presentation) | |
| Chairpersons | Jean Tsutsui (Brazil), C.B. Patil (India), Subhash Gupta (India) | |
| Speaker | Andres Jaussi (Switzerland) | 18 mins |
| Questions from the audience | | 5 mins |
| 8.55 am-9.30 am | Will you make the same mistakes as I did: An interactive case study session | |
| Presenter | Natesa G Pandian (USA) | 35 mins |
| 9.30 am-10.30 am | Adventures in Research How to develop philosophy, choose a question, design a study, analyze the data & interpret the results | |
| Chairpersons | Kee-Sik Kim (Korea), S.T. Yavagal (India), Vivek Gupta (India) | |
| Presiding | Natesa G Pandian (USA) | |
| Panelists | John Gorcsan III (USA), Aasha Gopal(USA) Roxy Senior (UK), Satish C. Govind (India) | |
| 8.30 am-10.30 am | Maple room | |
| 8.30 am-9.30 am | Rapid fire interesting case studies (7+ 2 mins.) <i>(Indian Faculty)</i> | |
| Chairpersons | Debika Chatterjee (India), Sandeep Juneja (India), B.S. Cheema (India), T.M. Aggarwal (India) | |
| Presenters | <ul style="list-style-type: none"> • U.P. Singh • Shantanu Sengupta • Balvir Kalra • Neelkanth Karandikar • P.K. Ghosh • Vinod Vijan | |



9.30 am – 10.30 am

Symposium
Not to miss special lectures

Chairpersons A.K. Sood (India), J.P.S. Sawhney (India)

Speakers

- **Prognostic value of myocardial perfusion echocardiography- Is it entering a new era?**
Wilson Mathias Jr (Brazil) 17 mins
- **Overview of women & heart disease**
Rekha Mankad (USA) 17 mins
- **Echo in the management of pregnancy with heart disease**
Reema Chugh (USA) 17 mins

Questions from the audience 10 mins

8.30 am – 10.30 am

Royal Room

Chairpersons K.K. Aggarwal (India), Ganpat Devpura (India), Susan Laing (USA)

8.30 am – 9.00 am

Me, my echo machine and my echo laboratory in an individual centre
How to choose an echo machine, how to set up my lab, archiving, digitized lab, how to maintain my machine

Presiding P. Krishnam Raju (India)

Panelists Navin C Nanda (USA), M Serdar Kucukoglu (Turkey), Sharad Tandon (India)

Audience interaction 10 mins.

9.00 am – 9.25 am **Rapid fire interesting case studies – TEE** (5+1 mins.)

Presenters Navin C Nanda (USA)
R. Alagesan (India)
B.K. Mahala (India)
P.K. Ghosh (India)

9.30 am – 10.35 am

Symposium: Special Echo Salsa Session

Chairpersons Masood Ahmad (USA), S.K. Kaushik (India)

Speakers:

- **Targeted ultrasound releasable drug loaded agents for cardiovascular therapeutics**
Susan Laing (USA) 15 mins



- **Evaluation of coronary flow reserve by echo**
Jeane Tsutsui (Brazil) 15 mins
- **How to predict malignant arrhythmias by strain echocardiography**
Thor Edvardsen (Norway) 15 mins
- **Loefflers endocarditis : Echo & speckle tracking**
Aleksandr Rovner (USA) 15 mins

Audience interaction 5 mins

10.35 am – 10.55 am Coffee & Visit Exhibits

PEARL BALL ROOM

| | | |
|---|---|-----------------|
| 11.00 am – 11.20 am | Navin C Nanda Oration The trouble with imaging | |
| Chairpersons | C.V. Vanjani (India), P.K. Deb (India) | |
| Speaker | Alan Fraser (UK) | 20 mins. |
| 11.25 am–11.45 am | Bijoy K. Khandheria Presidential Oration Mitral Regurgitation: Impact of RT3-D echo and newer technologies in clinical decision making | |
| Chairpersons | R.R. Kasliwal (India), B.K. Mahala (India) | |
| Speaker | R. Alagesan (India) | 20 mins |
| 11.50 am – 12.10 am | Natesa G Pandian Oration "Multimodality cardiac imaging: What is best for whom?" | |
| Chairpersons | Sandeep Bansal (India), H.S. Rissam (India) | |
| Speaker | P Krishnam Raju (India) | 20 mins |
| 12.15 pm – 1.15 pm | Workshop on myocardial contrast echocardiography (J.B. Chemicals /Lantheus Medical Imaging) I-33 x- Matrix, Philips Electronics (I) Ltd. | |
| Equipment | | |
| Chairpersons | Baren Chakraborty (Bangladesh), Rajinder Singh (India), D K Gupta (India) | |
| Technical & Logistic Support | Medanta Medicity, Gurgaon | |



Moderators Mani Vannan (USA), Wilson Mathias Jr (Brazil), Roxy Senior (UK)

Hands on Navin C Nanda (USA), Nitin Burkule (India), Rakesh Gupta (India)

1.15 pm – 2.15 pm Lunch & Visit Exhibits

2.15 pm – 4.15 pm Parallel Sessions In Four Halls

2.15 pm – 4.15 pm Pearl Ballroom A

Challenging & Interesting Cases (International faculty) 7+2 mins.

Chairpersons Rajat Mohan (India), Subhash Saxena (India), Alpana Bhatnagar (India), Gyanendra Sharma (USA), B.S. Bal (India), Atul Gupta (India)

1. **Echo free space misdiagnosed pericardial effusion.**
T. Fikret Ilgenli (Turkey)
2. **Left atrial thrombi and the role of novel anticoagulant drugs.**
Omer Iqbal (USA)
3. **A rare cause of mitral valve prosthesis dysfunction**
Kylliki Karu (Estonia)
4. **A case of end stage kidney disease with massive pericardial effusion with tamponade treated medically.**
Adoracion Nambayan-Abad (Phillipines)
5. **Congenital absence of pericardium**
Alexander Olivares-Reyes (USA)
6. **Echocardiographic characterization of cardiac masses**
Hanumanth K. Reddy (USA)
7. **Echocardiographic feature of a cardiac mass**
Rajat Sanyal (USA)
8. **Echo & combined PET/ CT in diagnosis and management of cardiac tumor : Case study**
Igor Riecansky (Slovak Republic)
9. **New CTA guided endograft snorkelling procedure treatment of 5 aneurysms in one patient**
Donald J. Voelker (USA)
10. **An unusual case of cardiac tamponade**
Hilda Peralta Rosado (Mexico)
11. **Free wall rupture after acute myocardial infarction in an 88-year old patient. One year follow-up**
Nilda Espinola-Zavaleta (Mexico)



12. 3-D transesophageal echo for assessing atrial septal device embolization

Ming C Hsiung (Taiwan)

13. 3-D echocardiography in identifying mitral valve prolapse / segments

Gultekin Karakus (Turkey)

14. Assessment of right ventricular regional and global function in asymptomatic patients with repaired tetralogy of Fallot by ultrasound speckle tracking imaging

Ming Xing Xie (China), Yuman Li , Xiaofang Lu (China)

2.15 pm- 4.15 pm

Pearl Ballroom B

Symposium: Acute Coronary Syndrome

Moderator

Sandeep Bansal (India)

Speaker

- **Introduction of the symposium**
Sandeep Bansal (India) 3 mins
- **Acute chest pain with non diagnostic ECG and negative troponin: How should I proceed ?**
J.C. Mohan (India) 20 mins
- **Minimizing bleeding yet increasing efficacy of drug treatment – Newer antithrombotic & antiplatelet agents**
Ripen Gupta (India) 20 mins
- **Acute chest pain with shock: how should we proceed ?**
A.V. Anjaneyulu (India) 20 mins
- **How will I assess short and long term prognosis after AMI**
Niteen Deshpande (India) 17 mins

Case Discussion

20 minutes

Case 1: A case of NSTEMI, high risk (According to TIMI classification). Emphasising on early invasive therapy , justifying triple antiplatelet therapy and appropriate antithrombin.

Baren Chakraborty (Bangladesh)

Case 2: Case of STEMI, presenting at 2 hours. Emphasizing the time from onset of chest pain and feasibility of PCI vs thrombolytic and pharmaco invasive therapy)

Rajneesh Kapoor (India)

Panel Discussion

20 mins.



MAPLE ROOM

Symposium: Systolic Heart failure

Moderator Rakesh Gupta (India)

Speaker

- **Introduction to the symposium**
Rakesh Gupta (India) 5 mins
- **Role of echo in establishing the etiology: ischemic or non ischemic**
Sanjay Mittal (India) 17 mins.
- **If ischemic what is the role of viability studies in management**
Roxy Senior (UK) 17 mins
- **Update on the role of echo in prognosis**
John Gorcsan III (USA) 17 mins
- **Management : Is echo useful or redundant in non ischemic failure?**
Peter S Rahko (USA) 17 mins
- **If unresponsive to standard medical treatment, then to CRT or not to CRT. Role & controversies in therapy**
Vadim A. Kuznetsov (Russia) 17 mins
- **Two case presentation**
Rakesh Gupta, G. Gnanavelu (India) 15 mins

Panel discussion 15 mins

ROYAL ROOM

Symposium : Stress Echocardiography

Moderator Nitin Burkule (India)

Speakers

- **Introduction of the symposium**
Nitin Burkule (India) 4 mins
- **Different methodologies to assess myocardial ischemia**
K.K. Kapur (India) 16 mins.
- **Echocardiographic signs of ischemia**
Vivek Tandon (India) 16 mins.
- **Stress echo beyond wall motion**
Wilson Mathias Jr (Brazil) 16 mins



- **Prognostic implications of stress echocardiogram in patients with normal TMT**
Nitin Burkule (India) 16 mins
 - **Pitfalls, pearls & factors affecting sensitivity & specificity of stress echocardiogram**
Jaroslaw Kasprzak (Poland) 16 mins
 - **Current status of 3-D stress echocardiography**
Masood Ahmad (USA) 16 mins.
- Panel discussion** 20 mins.

PARALLEL SYMPOSIUM IN 4 HALLS

4.15 pm – 5.10 pm Pearl Ballroom -A

Symposium: Interesting aspects of atria

Chairpersons Shantanu Sengupta (India),
R.M. Chhabra (India),
Jolly Bansal (India)

Speakers

- **Prognostic significance of the left atrial size & function**
Zee Pin Ding (Singapore) 15 mins
- **2-D speckle tracking echocardiography for assessment of left atrial myocardial deformation**
Artem Kalinin (Latvia) 15 mins
- **Newer oral anticoagulants in relation to atrial fibrillation**
Rajat Sanyal (USA) 15 mins

Discussion 10 mins

4.15 pm – 5.25 pm Pearl Ballroom - B

Symposium: Right Heart

Chairpersons K.K. Kapur (India), Anil Hans (India),
S.K. Chhabra (India)

Speakers

- **Tricuspid regurgitation: When & how to evaluate the severity**
Kee-Sik Kim (South Korea) 15 min
- **RV function / failure : Echocardiographic approach**
Elsadig Kazzam (UAE) 15 min
- **Right atrial masses vs normal variants: Insights from multimodality Imaging**
Madhavi Kadyala (USA) 15 mins



- **The prognostic value of echocardiographic study of RV**
Ioannis Vlasseros (Greece) **15 mins**

Discussion **10 mins**

4.15 pm – 5.25 pm **Maple Room**

Symposium : Cardiomyopathy: Case based presentation

Chairpersons Chandrasekaran Kolandaisamy (India),
S.M. Garg (India), Hansa Govil (India)

Speakers

- **Diagnosis & differential diagnosis of restrictive cardiomyopathy**
P. Krishnam Raju (India) **15 mins**
- **Diagnosis & differential diagnosis of hypertrophic cardiomyopathy**
Jae- Kwan Song (South Korea) **15 mins**
- **Diagnosis & differential diagnosis of dilated cardiomyopathy**
Sameer Shrivastava (India) **15 mins**
- **Diagnosis & differential diagnosis of Tako – tsubo cardiomyopathy**
C. Rajiv (India) **15 mins**

Discussion **10 mins**

4.15 pm – 5.25 pm **Royal Room**

Symposium: Prosthetic valve: Clinical challenges

Chairpersons Susan Laing (USA), Sundeep Mishra
(India), Vinayak Aggarwal (India)

Speakers

- **Common & unusual pitfalls in Doppler evaluation**
M Serdar Kucukoglu (Turkey) **15 mins**
- **Dysfunctional aortic prosthesis: Is it pathological dysfunction or patient- prosthesis mismatch**
A.K. Omar (India) **15 mins**
- **Evaluation of mitral prosthesis with high gradients**
Satish Govind (India) **15 mins**
- **Dilemma of giving thrombolytics**
Manish Bansal (India) **15 mins**

Discussion **10 mins**



5.45 pm – 7.00 pm **Pearl Ballroom**

**Echo Jeopardy (Kaun Banega Echo Crorepati):
A highly fun filled & educational program with a
fierce Indo - American Competition**

Moderators John Goresan III, Sunil Mankad (USA)

USA Team Natesa Pandian, Navin C Nanda,
Peter Rahko

India Team Jagdish Mohan, R. Alagesan,
Nitin Burkule

Pearl Ballroom

7.30 pm -7.45 pm **Unveiling Vivid E9. A breakthrough in
cardiac imaging
(Wipro GE Health Care Pvt Ltd)**

8.00 pm onwards **Cultural Program & Gala Dinner**



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Sunday, 2nd October, 2011

7.45 am-8.45 am **Pearl Ballroom-A**
Special breakfast session
Discuss your difficult undiagnosed case with experts

Moderator Sameer Shrivastava (India)

Experts Peter Rahko (USA), Navin C. Nanda (USA), R. Alagesan (India), Vikas Kohli (India)

PARALLEL SESSIONS IN 3 Halls

PEARL BALLROOM - A

8.45 am-9.25 am **Interesting Doppler cases from the archives of Tufts University**

Chairpersons Manish Bansal (India), Mohan Bhargava (India), S.K. Dwivedi (India)

Presenter Natesa Pandian (USA)

9.30 am - 10.35 am **Symposium**
Special Echo Salsa Session

Chairpersons C.P. Roy (India), Rajeev Gupta (India), Arun Gogna (India)

Speakers

- **Circumflex related ACS: Role of resting echo**
Maurizio Parato (Italy) **15 mins**
- **Echocardiographic variables before and after PTMC**
AAS Majumder (Bangladesh) **15 mins**
- **Left atrial function as a predictor for the presence of left atrial appendage thrombus in patients with rheumatic mitral stenosis in normal sinus rhythm**
Raul D Jara (Phillipines) **15 mins**
- **Cardiac source of embolism in young patients**
Gyanendra Sharma (USA) **15 mins**

Discussion **5 mins.**



PEARL BALLROOM - B

| | |
|---------------------------|---|
| 8.45 am – 9.30 am | Pot purri of pediatric echo cases |
| Chairpersons | Ming Xing Xie (China), Reema Chugh (USA), Harshwardhan (India), Mohit D Gupta (India) |
| Presenters | Vikas Kohli (India) I.B. Vijayalakshmi (India) |
| 9.30 am – 9.40 am | Lecture Fetal cardiac ultrasound diagnosis in correlation with fetal autopsy |
| Speaker | Saji Philip (India) 12 mins. |
| Discussion | 3 mins. |
| 9.45 am – 10.35 am | Symposium Clinical role of allied imaging techniques : CT & MRI |
| Chairpersons | Brig. D.N. Grover (India), G.D. Gupta (India), R. B. Mittal (India) |
| Speakers | <ul style="list-style-type: none">• Prognostic value of 64- slice coronary computed tomography Fabiola Sozzi (Italy) 15 mins• CT angiography for intermediate risk chest pain patients in ER Vibhuti Singh (USA) 15 mins• Cardiac MRI: When do we need it? Suman Singhal (India) 15 mins. |
| Discussion | 5 mins |

MAPLE ROOM

| | |
|---------------------------|--|
| 8.45 am – 10.05 am | Special rapid fire case study session for & by young cardiologists (5+2 mins) |
| Chairpersons | P.K. Ghosh (India), Vinod Mittal (India), P.D. Nigam (India), Vinod Nikhra (India), Sudhir Oswal (India), M.D. Gupta (India) |
| 1. | Purulent pericarditis with endocarditis of all the valves Sachin Yalagudri, I.B. Vijayalakshmi Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bangalore |



2. **Isolated non compaction of RV**
Arun Ranganathan, Madras Medical College, Chennai
3. **Ball valve thrombus left atrium**
Sundar Chidambaran, Madras Medical College, Chennai
4. **Peripartum Cardiomyopathy: Unusual observations**
Amandeep Kaur Dhaliwal, Purshottam D Gupta, Lovleen C Bhatia, Sunita Gupta, Bimal K Agrawal, Jagdish, Maharishi Markandeshwar
Institute of Medical Sciences & Research, Punjab
5. **Non – compaction in the apex of both the ventricles and the septum**
I.B. Vijayalakshmi, Chitra Narsimhan.
Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bangalore
6. **2 separate LV myxomas, one arising from the trabeculae and the other from the IVS causing moderate obstruction of LVOT**
Lathika K. Venugopal, Sudha Society Heart Hospital, Erode
7. **Atrial septal aneurysm with rheumatic mitral stenosis – An echocardiographic evaluation**
Sanjay Mehrotra, Deep Chand Raja, Abhishek Singh.
King Georges Medical University, Lucknow
8. **Annular and supra-annular mitral regurgitation presenting as acute dyspnoea**
Nagaraja Moorthy, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow
9. **RSOV dissecting interventricular septum : Role of imaging in guiding the therapy**
Nagaraja Moorthy, SGP GIMS, Lucknow
10. **Rare case, unusual age, successful outcome**
Makarand R Naik, Care Hospitals, Hyderabad
11. **Right pulmonary artery to pulmonary vein fistula**
Abhijeet B. Shelke, Care Hospitals, Hyderabad

10.10 am – 10.30 am

Lecture**Current status of nuclear techniques in assessment of myocardial viability**

Chairpersons

Vanita Arora (India)
Raman K. Sharma (India)

Speaker

G.N. Mahapatra (India) **15 mins.**

Discussion

5 mins**10.30am-10.50am****Coffee & Visit Exhibits**



| | |
|---|---|
| 11.00 am – 2.00 pm | Pearl Ballroom |
| 11.00 am – 11.40 am | Workshop: Clinical applications of 3-D transthoracic echo in daily clinical practice (Siemens Ltd.) |
| Chairpersons | Rahul Malhotra (India), Hilda Peralta Rosado (Mexico) |
| Technical & Logistic Support | Medanta Medicity, Gurgaon |
| Hands on | Mani Vannan (USA) |
| 11.45 am-12.45 pm | The ultimate echo quiz: Come and win prizes |
| Chairpersons | Sanjeev Aggarwal (India), Susham Sharma (India), B.B. Chanana (India) |
| Presenter | R.J. Manjuran (India) |
| 12.45 pm – 1.15 pm | Young Investigators Award (7+3 mins.) |
| Chairpersons | Rakesh Gupta (India), N.N. Khanna (India), Amal Banerjee (India) |
| | <ul style="list-style-type: none">• Confirmation of tamponade physiology in cases of massive pleural effusion – An echocardiographic study Chidambaran Sundar, Sangareddi Venkatesan, Ganesan Gnanavelu, P Arunachalam, V. Dhandapani, M.S. Ravi, Madras Medical College, Chennai• To study the relationship of coronary calcium and stress myocardial perfusion image findings in patients undergoing evaluation for coronary artery disease Nipun Mahajan, A Rajagopala Raju, P. Krishnam Raju, Johann Christopher Care Hospital, Hyderabad. |
| 1.15 pm-2.00 pm | Grand finale: (5+ 1 mins) Special case based session |
| Chairpersons | H.K. Chopra (India), Anil Dhall (India) Parmod Aggarwal (India) |
| | Is this ? <ul style="list-style-type: none">• Pericardial effusion or fat pad R. Alagesan (India)• Intimal flap or artefact Natesa G Pandian (USA)• LV thrombus or artefact Rakesh Gupta (India) |



- **Physiological leak or prosthetic valve dysfunction**
M. Serdar Kucukoglu (Turkey)
- **Mild or severe mitral stenosis**
J.C. Mohan (India)
- **A case of TR**
S.K. Parashar (India)
- **Acute dyspnoea cardiac or non cardiac**
R.J. Manjuran (India)

2.00 pm – 2.15 pm **Awarding Accreditation Certificates
(Goa 2010), Prize distribution &
Summing of the Congress**

Navin C Nanda

2.15 pm – 3.00 pm **Lunch**

PEARL BALLROOM

3.00 pm – 3.30 pm **Where did you go wrong in quiz:
A quick revision**
R. J. Manjuran



Friday, 30th September, 2011
Pre- Function Area

POSTER PRESENTATION

- 1. Effect of counselling in hospitalized cardiovascular disease patients in rural India: A knowledge, attitude and practice test**
Gaurav Sharma, Swapnil Awasthi, Anuj Dixit, Shivam Gupta, Garima Sharma, National JALMA Institute of Leprosy (ICMR), Agra
- 2. Predictors of adequate control of hypertension among out-patient chronic kidney disease patients (PREACH-CKD) in the Philippine General Hospital**
Angelo Dave Javier, Czarlota Acelajado- Valdenor, Maria Czarina Acelajado-Onoya, Section of Cardiology, Philippine General Hospital, Manila
- 3. Echocardiographic assessment of morphology, blood flow patterns and associated anomalies of heart and great blood vessels in congenital bicuspid aortic valve in children**
Baso Cerovic, Jovan Juloski, Jelena Dojcinovic, Radovan Ivanisevic, Belgrade KBC, Serbia
- 4. Differences in left atrial longitudinal function in patients with aortic stenosis and in hypertensive patients with a severe degree of left ventricular hypertrophy: 2D speckle tracking study**
Artem Kalinin, Mikhail Alekhi n, Guntis Bahs, Aivars Lejnicks, Pavels Shipachov, Dr. Elena Zakharova, Eastern Clinical University Hospital, CI, Presidential Medical Centr, Riga Stradins University
- 5. Assessment of the left ventricular myocardial function in patients with coronary artery disease by isometric hand grip exercise stress $\dot{V}O_2$ echocardiography.**
Vadim Kuznetsov, Elena Zakharova, Dmitriy Krinochkin, Artem Kalinin Tyumen Cardiology Center, Eastern Clinical University Hospital, Russia
- 6. The importance of exercise ECG in pre-diabetic patients without previous coronary artery disease**
Mirela Anghel, Elena Radu Sultanesco, Magdalena Visanescu, National Institute Of Aerospace Medicine, Bucharest, Romania
- 7. Real-time 3-D echocardiography for selecting potential responders to cardiac resynchronization therapy.**
Vadim Kuznetsov, Nikolay Melnikov, Dmitriy Krinochkin. Tyumen Cardiology Center, Russia
- 8. Carotid intima media thickness: Marker of atherosclerotic risk factors in type 2 – Diabetes**
Amandeep Kaur Dhaliwal, Purshottam D Gupta, Lovleen C Bhatia, Sunita Gupta, Bimal K Agrawal, Jagdish, Maharishi Markandeshwar Institute of Medical Sciences & Research, Punjab



- 9. Left ventricular function in diabetes mellitus type 2: an echocardiographic study**
Parul Jain, Jagdish, Bimal K Agrawal, Parveen Gupta, Lovleen C Bhatia. Mullana Medical Institute of Health Sciences, Khanna. Punjab
- 10. Echocardiographic evaluation of prosthetic heart valves, Immediate and long term followup**
Rajat Arora, Sameer Ambar, Ravikant Patil, Prabhu Halkati, Suresh Patted, S.T. Yavagal, KLES Heart Foundation , Belgaum, India
- 11. Challenges of closing large Patent Ductus Arteriosus with PAH.**
I.B. Vijayalakshmi, Chitra Narasimhan. Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bengaluru. India
- 12. Effect of body weight on left ventricular diastolic function in Asians**
Dong-Soo Kim, Inje University Busan Paik Hospital, BUSAN, South Korea



FRIENDS OF THE CONGRESS

The organizers acknowledge the academic support and assistance received from many well wishers, organizations and the industry for their educational grant for this CME activity.

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