

# 34th Annual International Conference on

CASE STUDIES/RECENT ADVANCES IN  
ECHOCARDIOGRAPHY AND ALLIED  
TECHNIQUES (MRI, CT SCAN, NUCLEAR)

FRIDAY March 09, 2018

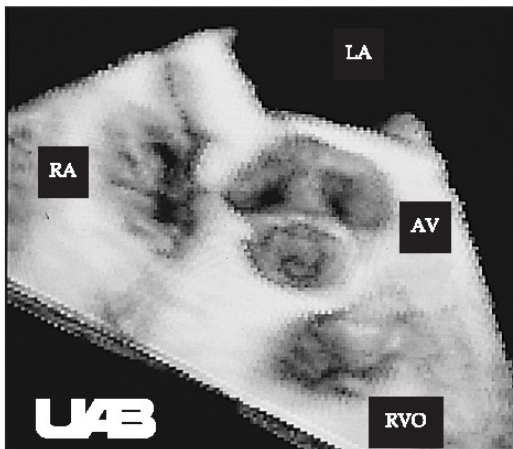
Ballroom B  
Rosen Plaza Hotel  
(Adjacent to the Orange County Convention Center)  
9700 International Drive  
Orlando, FL 32819  
Phone: 1+(407) 996-9700

INTERESTING CASE STUDIES  
OVER 65 CASES BY OVER 65 FACULTY ARE  
EXPECTED TO BE SHOWN

This event is not part of ACC.18, as planned by its Program Committee, and does not qualify for continuing medical education (CME), continuing nursing education (CNE) or continuing education (CE) credit.

CONFERENCE DIRECTOR: Navin C. Nanda, MD

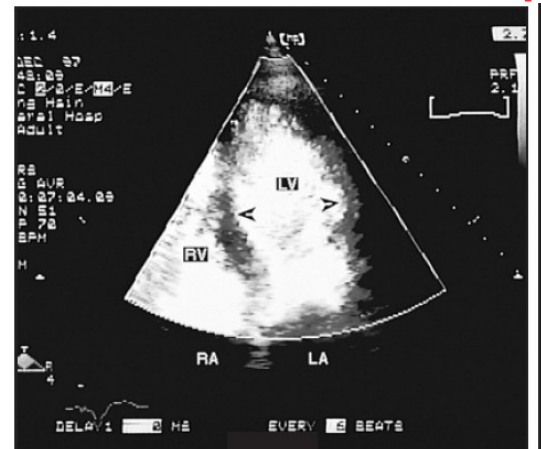
Sponsored by the International Society of Cardiovascular Ultrasound (ISCU) in conjunction with the American Association of Cardiologists of Indian Origin (AACIO)



## Rosen Plaza Hotel

(Adjacent to the Orange  
County Convention Center)  
9700 International Dr.  
Orlando, FL 32819

Phone: 1+(407)996-9700



## Symposium Location:

Rosen Plaza  
Hotel  
Ballroom B  
9700 International Dr.  
Orlando FL 32819  
Phone: 1+(407)-996-9700

**Purpose:** This conference is designed to provide a review of echocardiography and allied techniques (MRI, CT Scan, Nuclear) with emphasis on case studies dealing with various cardiac disease entities.

**Objective:** We expect the attendees to acquire and enhance their knowledge of the use of echocardiography, and other noninvasive techniques in the day-to-day clinical practice.

**Accreditation:** This event does not qualify for continuing medical education (CME), continuing nursing education (CNE) or continuing education (CE) credit. The ISCU will provide a certificate of attendance. The program is not intended to provide extensive training or certification in the field.

## ACKNOWLEDGEMENTS

No commercial support has been provided for this.

## HOTEL INFORMATION

The Conference does not have a block of rooms available. Rooms may be available through the ACC Housing as a registered attendee of ACC or through sites on the internet. However, participation in the Conference does not in any way influence room availability.

## CONFERENCE DIRECTOR:

**Navin C. Nanda, MD, DSc.(Med)(Hon), DSc.(Hon),FACC, FAHA,FISCU(D)**, Distinguished Professor of Medicine and Cardiovascular Disease, University of Alabama at Birmingham, Alabama

## FACULTY:

**Aiden Abidov, MD, PhD**, Professor of Medicine, Wayne State University, Section Chief, Cardiology, John D. Dingell VA Medical Center, Detroit, Michigan

**Gopal Agrawal, MD**, Cardiologist, Ruby Hall Hospital, Pune, India

**Masood Ahmad, MBBS**, Edward D. & Sally M. Futch Professor of Cardiology and Director, Echocardiography Laboratory, UTMB, Galveston, Texas

**Mouaz H. Al-Mallah, MD** Associate Professor of Medicine, Wayne State University, Detroit, Michigan and Consultant Cardiologist and Division Head, Cardiac Imaging, King Abdul-Aziz Cardiac Center, King Abdul-Aziz Medical City, Riyadh, Kingdom of Saudi Arabia

**Aman M. Amanullah MD**, Section Chief, Noninvasive Cardiology, Albert Einstein Medical Center and Clinical Professor of Medicine, Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pennsylvania

**Jayashri R. Aragam, MD** Director, Echo Lab and Heart Valve Clinic, West Roxbury VA Medical center, Harvard Medical School

**Daniel Areco, MD** Director, Cardiology Department and Chest Pain Unit, Army Forces General Hospital, Montevideo, Uruguay

**Jose Carlos Armendariz Ferrari, MD** Director of Echocardiography Lab National Hospital Hipólito Unánue Lima Peru Professor of Medicine National University Federico Villarreal

**Alberto C. Barón, MD**, Director of Medical Department, Clinica de Marly,

Bogota, Colombia

**Ricardo J. Benenstein, MD**, Assistant Professor of Medicine, and Associate Director, Echocardiography Lab, Non Invasive Cardiology, Leon H. Charney Division of Cardiology, New York University School of Medicine, New York, New York

**Sibel Catirli Enar., MD**, Associate Professor of Cardiology, Turkiye Hospital/Memorial Hospital, Istanbul, Turkey

**Mohammed Andaleeb Chowdhury, MD MRCP(UK)**, Cardiovascular Medicine fellow, University of Toledo Medical Center, Ohio, USA

**Marco Matteo Ciccone, MD,FESC**, Professor of Cardiovascular Disease, University of Bari, Bari, Italy.

**Harvinder Dod, MD**, Interventional Cardiologist, Medical Center of South Arkansas, El Dorado, AR

**Galal Eldin Nagib El-Kilany MD**, Professor of Cardiology, Tanta University, Tanta, Egypt

**Nilda Espinola-Zavaleta, MD,PhD**, Nuclear Medicine Department, National Institute of Cardiology Ignacio Chavez, Mexico City, Mexico, Echocardiography Department, ABC Medical Center, I.A.P. Mexico City, Mexico

**Daniel Forsha, MD**, Assistant Professor of Pediatrics, Ward Family Heart Center, Children's Mercy Kansas City, Kansas City, MO

**Anthony R Fuisz, MD**, Director, Advanced Cardiac Imaging, Westchester Medical Center, Valhalla, New York

**Shuping Ge, MD**, Professor of Pediatrics, Drexel University College of Medicine, Chief, Section of Cardiology, St. Christopher's Hospital for Children, Chair, Department of Pediatric Cardiology, Deborah Heart and Lung Center, Philadelphia, PA

**Edward Gill, MD**, Professor of Medicine, Director of Interventional Echocardiography. Division of Cardiology, University of Colorado School of Medicine, Denver, CO

**Mark Goldberger, MD** Assistant Clinical Professor of Medicine, Columbia University, College of Physicians & Surgeons, and Assistant Attending Physician, New York Presbyterian Hospital, New York, New York

**Aasha S. Gopal MD** Director, Advanced Echocardiography, St. Francis Hospital, Roslyn, NY., USA

**John Gorcsan III MD** Professor of Medicine, Director of Clinical Research, Division of Cardiology, Washington University in St. Louis, Saint Louis, Missouri

**David H. His, MD**, Chief of Cardiology & Co-Director, Heart & Vascular Institute, Professor of Clinical Medicine, Columbia University College of Physicians & Surgeons, Stamford Hospital, Stamford, CT

**Brian D. Hoit MD**, Professor of Medicine and Physiology and Biophysics, Case Western Reserve University and Director of Echocardiography, University Hospitals Cleveland Medical Center, Cleveland Ohio

**Krasimira Hristova, MD,PhD**, Associate Professor of Cardiology, National Heart Hospital, Sofia, Bulgaria

**Violeta Illatopa Cerna, MD**, Cardiac Imaging, Cardiovascular Imaging National Cardiovascular Institute INCOR, Peru

**Vidyut Kumar Jain MD**, Chairman, Cardiology Department, Choithram Hospital and Research Center, Indore, India

**Raj Janardhanan, MD, MRCP** Associate Professor of Medicine and Medical Imaging, Medical Director, Non-Invasive Cardiac Imaging, Sarver Heart Center, Tucson, Arizona.

**Divya Kapoor, MD**, Assistant Professor, University of Arizona Southern Arizona VA Medical Center, Tucson, AZ

**Jaroslawn Kasprzak D, MD**, Professor of Medicine and Chair, Department of Cardiology, Medical University of Lodz, Lodz, Poland

**Smadar Kort, MD**, Professor of Medicine, Director, Cardiovascular Imaging and Director, Echocardiography, Stony Brook University Medicine, Stony Brook, New York

**Santhosh K.G Koshy, MD**, Chief of Medicine and Director of Cardiovascular Services, Regional One Health and Director of Interventional Cardiology, University of Tennessee Health Sciences Center, Memphis, Tennessee

**Parasuram Krishnamoorthy, MD**, Cardiology Fellow, Einstein Medical Center, Philadelphia, Pennsylvania

**Itzhak Kronzon, MD**, Professor of Cardiology, Director, Cardiac Imaging, North Shore LIJ/Lenox Hill Hospital, New York, New York

**Carlos Lima, MD**, Chief, Echo Section, Campinas Health Center, Campinas, Brazil

**Abdullah Al Shafi Majumder, MD**, Director and Professor, National Institute of Cardiovascular Diseases, Sher-e-Bangla Nagar, Dhaka, Bangladesh

**Amgad Makaryus, MD**, Associate Professor, Zucker School of Medicine at Hofstra/Northwell Health, Chairman, Department of Cardiology Nassau University Medical Center, East Meadow, New York USA

**Wilson Mathias Jr MD**, Director, Ecocardiografia, Instituto do Coração (InCor), HC-FMUSP, Sao Paulo, Brazil

**Hector Michelena MD**, Professor of Medicine, Echocardiography Department of Cardiovascular Medicine Mayo Clinic, Rochester, MN

**K.Muralidhar MD** Chief of Anesthesia, Narayana Hrudalaya Hospital, Bangalore, India

**Navin C. Nanda MD** Distinguished Professor of Medicine and Cardiovascular Disease, University of Alabama at Birmingham, Birmingham, Alabama

**Michele. Nanna MD** Associate Clinical Professor of Medicine, Albert Einstein College of Medicine, and Medical Director, Cardiac Care and Vascular Medicine, PLLC, Bronx, New York

**Hans Joachim Nesser MD** Director, Department of Cardiology, Elisabethinen Hospital, Linz, Austria and Associate Professor of Medicine, Tufts University School of Medicine, Boston, Massachusetts

**Ramdas Pai MD** Professor and Chair of Medicine, Chair of Clinical Sciences, Director Cardiovascular Fellowship Program, University of California Riverside School of Medicine, Loma Linda, California

**Natesa G Pandian, MD**, Medical Director, Hoag Heart Valve Center, Newport Beach, CA

**R.B. Panwar MD** Professor of Cardiology and Vice-Chancellor, Rajasthan University of Health Sciences, Jaipur (Rajasthan), India

**Sadik Panwar, MD**, Cardiologist, Beckley ARH Hospital, Beckley, WV

**Arnold T. Pasia, MD**, Section Head, Heart Station and Echocardiographic Laboratories, Southern Philippines Medical Center, Davao City, Philippines

**Maurizio Parato, MD** Professor of Cardiology, Politecnica delle Marche University, Marche, Italy

**Rebecca Perry, PhD**, NHF Post-Doctoral Fellow, Flinders University Cardiac Imaging Research Group, South Australian Health and Medical Research Institute Department of Cardiovascular Medicine, Flinders Medical Centre, Adelaide, Australia

**Nelson Pizzano, MD**, Director of Echocardiography Service, INCC and Coordinator, Cardiovascular Program, Hospital Evangelico, Montevideo, Uruguay

**Min Pu MD, PhD** Professor of Internal Medicine/Cardiology, Wake Forest University School of Medicine, and Director, Echocardiography Laboratory, Baptist Medical Center, Winston Salem, North Carolina

**Jyothy J. Puthumana, MD** Assistant Professor, Division of Cardiology, Northwestern University, Feinberg School of Medicine and Northwestern Memorial Hospital, Chicago, Illinois

**Hanumanth K. Reddy, MD** Clinical Professor of Medicine, St. Louis University Medical School, St. Louis, Missouri, and Medical Director,

Poplar Bluff Regional Hospital, Poplar Bluff, Missouri

**(Col.) C.P. Roy, MD** Professor of Cardiology, Director and Head, Department of Medical Education (Cardiology) and Senior Consultant Cardiologist, Max Super Specialty Hospital, Saket, New Delhi, India

**Debasish Roychoudhury, MD** Cardiologist, Elmhurst, New York, NY

**Muhamed Saric, MD** Associate Professor of Medicine and Director of Echocardiography Lab, New York University Langone Medical Center, New York, New York

**Sangeeta, Shah, MD** Associate Professor, Ochsner Clinical School Director, Cardiovascular MRI. Co-Director Adult Congenital Heart Disease, New Orleans, Louisiana

**Chittur A Sivaram, MD** David Ross Boyd Professor, Cardiovascular Section, Vice Chief of Cardiovascular Section for Education and Training, Vice Chair of Medicine for Undergraduate Medical Education, Associate Dean for Continuing Professional Development, Director of Echocardiography, University of Oklahoma, Oklahoma City, Oklahoma

**Vincent Sorrell, MD** Anthony N. DeMaria Professor of Medicine, Associate Chief, Division of Cardiovascular Medicine, Chair, Cardiovascular Imaging and Program Director, Adult Cardiovascular Fellowship Program and Advanced Cardiovascular Imaging Fellowship Program, University of Kentucky and the Jack and Linda Gill Heart Institute, Lexington, Kentucky

**Jeane Tsutsui, MD** Free-Professor of Cardiology, University of Sao Paulo Medical School and Chief Medical Officer, Fleury Group, Sao Paulo, Brazil

**Shravan Turaga, MD** Internal Medicine Resident, Louisiana State University, New Orleans.

**Robert Tunks, MD, MHS** Assistant Professor of Pediatrics and Radiology, Medical Director, Pediatric Cardiology, Associate Program Director, Pediatric Cardiology Fellowship Program, Hershey Medical Center, Hershey, Pennsylvania

**Asad Ullah Roomi, MD**, Prince Sultan Cardiac Center, Military Hospital Riyadh, Riyadh, Kingdom of Saudi Arabia

**Alan Vainrib, MD**, Clinical Instructor of Medicine, NYU Langone Health, New York, NY

**Padmini Varadarajan MD**, Professor of Medicine, Loma Linda University Medical Center, Loma Linda, California,

here

## PRE-REGISTRATION FOR : 34<sup>th</sup> Annual International Conference on Recent Advances in Echocardiography, March 9<sup>th</sup>, 2018

NOTE: The following information can be sent to Monika Kapoor by e-mail, [iscuorg@yahoo.com](mailto:iscuorg@yahoo.com)

|                |            |              |         |
|----------------|------------|--------------|---------|
| Last name      | First name | M.           | Degree  |
| Street Address |            |              |         |
| City           | State      | Zip code     | Country |
| Specialty      |            | Office Phone |         |

E-mail  
Fee Schedule -no fee; no CME credits are provided .  
Pre-registration is requested by February 20,2018.  
After February 20,2018 registration will be taken at the door

Registration can be sent by email to  
Monika Kapoor at [iscuorg@yahoo.com](mailto:iscuorg@yahoo.com) For further information:  
E-mail: Dr.Navin C.Nanda at [nanda@uab.edu](mailto:nanda@uab.edu) or call.  
Mobile phone:1+205-807-0731

## CASE STUDIES IN ECHOCARDIOGRAPHY

Friday, March 9, 2018

- 7:30–9:00 am Registration, Continental Breakfast  
7:55–8:00 am Welcome and Conference Orientation  
Dr. Navin Nanda

Each faculty case presenter will be allotted 6 minutes to present 1 case. This will include pertinent clinical findings, echocardiograms and/or other noninvasive studies, questions for the audience and brief discussion.

08:00-10:00 am **Session I. Cardiomyopathy, Congenital Heart Disease, Masses, Myocardial Infarction, Percutaneous Devices, Tissue Doppler Imaging, Valvar Heart Disease, Velocity Vector Imaging, 3D Echo, Miscellaneous.**

Case Presentations and Discussion Cases 1-17

**Moderators: Drs. Aiden Abidov, Chittur Sivaram and Brian Hoit**

Dr. Chittur Sivaram (An interesting cardiac implantable electronic device (CIED) echo); Dr. Aiden Abidov (LV apical thrombus in a patient with distal LAD myocardial bridge and otherwise normal coronaries); Dr. Brian Hoit (Interesting case study); Dr. Jayashri Aragam (Interesting case study); Dr. Jose Carlos Armendariz Ferrari (Hidden problem in a case of atrial fibrillation); Dr. Sibel Catirli Enar (Interesting case study); Dr. Mohammed Andaleeb Chowdhury (A case of transient ischemic attack); Dr. Anthon Fuisz (Interesting case study); Dr. Shuping Ge (Interesting case study); Dr. Navin Nanda (Interesting case study); Dr. Alberto Baron (Unusual complication of endocarditis); Dr. Nelson Pizzano (Interesting case study); Dr. Alan Vainrib (Percutaneous closure of a TAVR-related aorto-RV Fistula: Kiss it goodbye!); Dr. Marco Matteo Ciccone (endothelial function in heart failure: a new prognostic marker); Dr. Gopal Agrawal (Interesting case study); Dr. Mouaz Al-Mallah (An interesting multi-modality imaging case); Dr. Hector Michelena (Interesting case study)

10:15-11:15 am **Session II. Biventricular Pacing, Cardiomyopathy/Myocarditis, Coronary Artery Disease, CT/MRI, Echo Quantification, Embolism, LV Diastolic Function, Masses, Prosthetic Valves, Shunt Lesions, Valvar Heart Disease.**

Case Presentations and Discussion Cases 18-27

**Moderators: Drs. Raj Janardhanan, Divya Kapoor and Asad Ullah Roomi**

Dr Raj Janardhanan (Bird or butterfly in the heart? That's the question); Dr. Mark Goldberger (Interesting case study); Dr. Divya Kapoor (Interesting case study); Dr. Asad Ullah Roomi (Interesting case study); Dr. Edward Gill (Mitral Valve Interventions: How to Navigate the Interatrial Septum when the Native Anatomy is far from Native?); Dr. Nilda Espinola-Zavaleta (Interesting case study); Dr. Ramdas Pai (ACHD: A challenging case); Dr. Aasha Gopal (Complications of TMVR with mitral annular calcification); Dr. Michele Nanna (Interesting case study); Dr. (Col.) C.P Roy (Interesting case of cardiac mass)

11:15-12:30 pm **Session III. Aortic Pathologies, Cardiac Dyssynchrony, Congenital Heart Disease, Critical Care, Masses, Pericarditis, Stress Echo, Valvar Heart Disease, 3D Echo.**

Case Presentations and Discussion Cases 28-39

**Moderators: Drs. Jaroslaw Kasprzak, Smadar Kort, and Hanumanth Reddy**

Dr. Jaroslaw Kasprzak (Interesting case study); Dr. Smadar Kort (Interesting case study); Dr. Hanumanth Reddy (Echocardiographic evidence of compromised LV function in severe pulmonary hypertension); Dr. Abdullah A. Shafi Majumder (Interesting case study); Dr. Violeta Illatopa (A silent catastrophe); Dr. Wilson Mathias Jr. (A peculiarly successful case of sonothrombolysis); Dr. Krasimira Hristova (Using echocardiography for unusual form of familial mediterranean fever); Dr. Jyothy Puthumana (Role of color 3D in mitral valve perivalvular leak intervention); Dr. Jeane Tsui Tsui (Acute myocardial infarction and secondary ventricular septal defect: complications of TAVI detected by echocardiography); Ms. Rebecca Perry (A little known complication of HCM and pregnancy); Dr. David His (Heart failure after pacemaker implantation); Dr. Daniel Forsha (Interesting case study)

12:30-2:00 pm **Complimentary Lunch Buffet**

2:00-3:30pm **Session IV. Cardiomyopathy/Myocarditis, CT/MRI ,Congenital Heart Disease, Endocarditis, Heart Failure, Post Intervention, Prosthetic Valves, Pulmonary Hypertension, RV Function. Strain and Strain Rate, Valve Repair and Surgery, 3DEcho.**

Case Presentations and Discussion Cases 40-51

**Moderators: Drs. John Gorcsan III, Hans Joachim Nesser, Muhamed Saric and Padmini Vradarajan,**

Dr. Hans Joachim Nesser (Unexpected heart failure after CRT); Dr. Maurizio Parato (Interesting case study); Dr. Min Pu (Interesting case study); Dr. Muhamed Saric (Suicide left ventricle: When TAVR does more harm than good); Dr. Raja B. Panwar (Interesting case study); Dr. Padmini Vradarajan (Interesting case study); Dr. Sangeeta Shah (Interesting case study); Dr. Daniel Areco (Interesting case study); Dr. Santosh Koshy (Current status of intravascular imaging); Dr. John Gorcsan III (Interesting case study); Dr. Parasuram Krishnamoorthy (A young female with palpitation and shortness of breath); Dr. Natesa Pandian (Mitral regurgitation secondary to atrial cardiomyopathy); ; Dr. Robert D. Tunks (A rare cause of 3rd trimester fetal right heart dilation)

3:30-5:00 pm **Session V. Cardiomyopathy/Myocarditis, Embolism, Endocarditis, Heart Failure, Masses, Pericardial Disease, Prosthetic Valves, Systemic Diseases, Trauma, Valvar Heart Disease, 3DEcho, Miscellaneous.**

Case Presentation and Discussion Cases 52-66

**Moderators: Drs. Vidyut Jain, Masood Ahmad, and Vincent Sorrell**

Dr. Masood Ahmad (Dual gate doppler in evaluation of left and right ventricular function); Dr. Ricardo Benenstein (Interesting case study); Dr. Vincent Sorrell (Case example. pulled from questions, tricks, & tips for the echo boards); Dr. K. Muralidhar (Interesting case study); Dr. Shravan Turaga (Interesting case study); Dr. Galal Eldin Nagib El-Kilany (Interesting case study); Dr. Vidyut Jain (Novel approach in the management of complication of rhabdomyomas in neonate); Dr. Carlos Lima (Impending paradoxical thromboembolism Importance of TEE); Dr. Debashish Roychoudhury (Interesting case study); Dr. Itzhak Kronzon (Interesting case study); Dr. Harvinder Dod (Interesting case study); Dr. Sadik Panwar (Interesting case study); Dr. Aman Amanullah (Interesting case study); Dr. Arnold Pasia (A rare case of cor triatriatum); Dr. Amgad Makaryus (Interesting multimodality imaging case study)

5:00 pm

**Adjournment**

*All faculty with their spouses and guests are invited for a complimentary (NO CHARGE) Dinner (Indian cuisine) on Sunday, March 11, 2018 from 6.00 PM to 10 PM. Details are as follows:*

*Hilton Orlando Hotel (opposite to Orange County Convention Center)  
6001 Destination Parkway  
Orlando, Fl 32819  
Phone: 407-313-4300*

*RSVP to [aacio123@gmail.com](mailto:aacio123@gmail.com). For any questions you may have contact Dr. Navin Nanda at [nanda@uab.edu](mailto:nanda@uab.edu) • Cell 205 807 0731*

#### **FUTURE CONFERENCES/COURSES**

May 17-20, 2018. XXIV World Congress of Echocardiography and Allied Imaging Techniques, Varna, Bulgaria.

<http://www.worldcongressoncardioecho2018.com/>

President: Prof. Krasimira Hristova, MD, Vice President: Assoc. Prof. Elena Kinova, MD, Secretary: Dr. Svetlin Tsonev

Oct 4-6, 2018. 2nd International Congress on Echocardiography "Echo of the White Nights-2018" St. Petersburg, Russia.

Hotel "Ambassador" Lead Organizer: Dr. Maria Prokudina <http://onlinereg.ru/echo2018>

Feb 8-10, 2019. 2nd World Congress of Cardiac Imaging and Clinical Cardiology (WCCICC-2019), Mumbai, India

Hotel J W Marriott, Sahar. Executive President: Prof. G.N. Mahapatra (Email [drgmahapatra@sevenhillshospital.com](mailto:drgmahapatra@sevenhillshospital.com)).

President: Prof. C.N. Manjunath (Email- [drcnmanjunath@gmail.com](mailto:drcnmanjunath@gmail.com))

May 17-19, 2019. XXV World Congress of Echocardiography and Allied Techniques, Lodz, Poland.

Presidents: Prof. Jaroslaw D. Kasprzak, MD, PhD, FESC, FACC and Professor Piotr Lipiec MD PhD FESC.

June 18-20, 2020, XXVI World Congress of Echocardiography and Allied Techniques, Lima, Peru.

Organizing Committee: José Carlos Armendariz Ferrari, MD, Jorge Ortega Diaz, MD, Violeta Illatopa Cerna, MD, Pedro Yanac Chavez, MD (Dr. Navin Nanda will serve as the International President of the above World Congresses)