

31st Annual International Conference
on
**RECENT ADVANCES IN
ECHOCARDIOGRAPHY AND ALLIED
TECHNIQUES (MRI, CT SCAN, NUCLEAR)**

FRIDAY, March 13, 2015

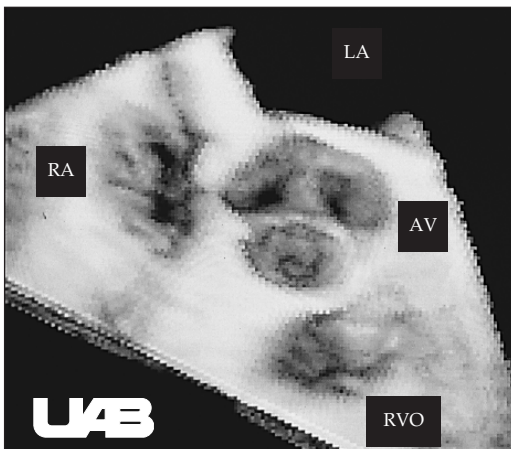
Omni San Diego Hotel, 675 L Street
Grand Ballroom Salons AB, Located on the 4th Floor
San Diego, California 92101
Phone: 1+(619)-231-6664

INTERESTING CASE STUDIES
A TOTAL OF OVER **54 CASES** BY OVER **54
FACULTY** ARE EXPECTED TO BE SHOWN

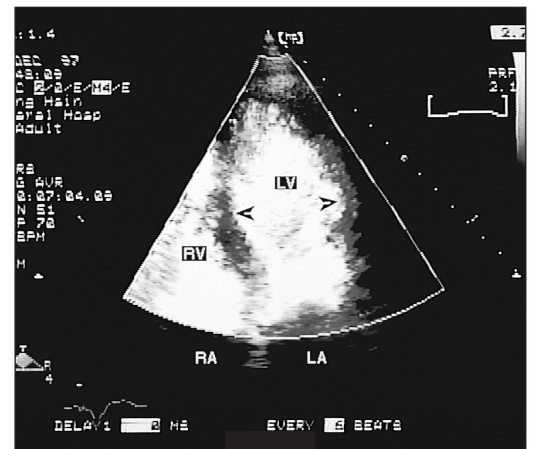
This event is not part of ACC.15, as planned by its Program Committee, and does not qualify for continuing medical education (CME), continuing nursing education (CNE) or continuing education (CE) credit.

CONFERENCE DIRECTOR: Navin C. Nanda, MD

Sponsored by the International Society of Cardiovascular Ultrasound (ISCU) in conjunction with the University of Alabama at Birmingham Echocardiography Laboratory and the American Association of Cardiologists of Indian Origin (AACIO)



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Symposium Location:

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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, Distinguished Professor of Medicine and Cardiovascular Disease and Director, Heart Station/Echocardiography Laboratories, University of Alabama at Birmingham, Birmingham, Alabama. Director, Echocardiography Laboratory, The Kirklin Clinic, University of Alabama Health Services Foundation, Birmingham, Alabama

FACULTY:

Aiden Abidov, MD, PhD, Associate Professor of Medicine and Radiology, and Medical Director, The UAMC Cardiovascular Imaging, The Leonard C. Pfeiffer Chair of Cardiovascular Medicine, The University of Arizona College of Medicine, Tucson, Arizona

Kul Aggarwal, MD, Professor of Clinical Medicine, University of Missouri and Chief, Cardiology Section, Harry S. Truman Veterans Hospital, Columbia, Missouri

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

Aman M. Amanullah, MD, PhD, 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, Echocardiography Lab, Boston VA Health Care System, West Roxbury, Massachusetts and Harvard Medical School, Boston, Massachusetts

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

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

Thomas Bartel, MD, Section Head, Invasive Cardiology, Cleveland Clinic Abu Dhabi, United Arab Emirates

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

Christian S. Breburda, MD, PhD, Clinical Professor of Medicine, University of Arizona Phoenix and Director Noninvasive Cardiology, Phoenix, Arizona

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

P.A.N. Chandraratna, MD, Professor Emeritus, University of California-Irvine School of Medicine, Irvine, California

H.K. Chopra, MD, President, Cardiological Society of India, New Delhi, India

Reema Chugh, MD, Consultant, Cardiology/Adult Congenital Heart Disease and Heart Disease in Pregnancy, Kaiser Foundation Hospitals, Panorama City (Los Angeles), California

Mohammed Andaleeb Chowdhury, MD, MRCP(UK), Internal Medicine Resident, University of Toledo, Toledo, Ohio

Thor Edvardsen, MD, Professor of Cardiology and Head, Department of Cardiology, University Hospital, Oslo, Norway

Nilda Espinola-Zavaleta, MD, PhD, Professor of Echocardiography, Instituto Nacional de Cardiologia Ignacio Chavez, and Chief of Echocardiography, ABC Medical Center, Mexico City, Mexico

Lidiette Esquivel, MD, Director, Cardiolab Echocardiography, San Jose, Costa Rica

Lee J. Frazin, MD, Professor of Clinical Medicine, University of Illinois Hospital and Health Sciences System and Director, Echocardiography Laboratory, Jesse Brown VA Hospital, Chicago, Illinois

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

Julius M. Gardin, MD, MBA, Chair, Department of Medicine, Hackensack University Medical Center, Hackensack, New Jersey and Professor of Medicine, Rutgers New Jersey Medical School, Rutgers, New Jersey

Mark H. 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

John Gorcsan III, MD, Professor of Medicine and Director of Echocardiography, University of Pittsburgh, Pittsburgh, Pennsylvania

Kristina H. Haugaa, MD, PhD, Consultant Cardiologist, Associate Professor, Department of Cardiology, Oslo University Hospital, Rikshospitalet, Norway

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

Omer Iqbal, MD, Professor, Loyola University Health System, Maywood, Illinois

Madhavi Kadiyala, MD, Assistant Director, Cardiac MRI/CT, Women's Heart Program and Staff Echocardiologist, Saint Francis Hospital, Roslyn, NY and Clinical Assistant Professor of Medicine, Stonybrook University School of Medicine, Stonybrook, New York

Elasadig Kazzam, MD, PhD, Professor and Senior Consultant in Clinical Cardiology, UAE University, College of Medicine & Health Sciences - Tawam - Johns Hopkins Hospital, Al-Ain, United Arab Emirates

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

Serdar Küçükoğlu, MD, Professor of Cardiology, Istanbul University Institute of Cardiology, Istanbul, Turkey

Gautam Kumar, MBBS, MRCP(UK), Assistant Professor, Emory University, Atlanta, Georgia and Director, Echocardiography Laboratory, Atlanta Veterans Administration Medical Center, Decatur, Georgia

Shelby Kutty, MD, Associate Professor of Pediatrics and Medicine, University of Nebraska College of Medicine, Director of Cardiac Imaging, Director of Research in Pediatric Cardiology, Children's Hospital & Medical Center, Omaha, Nebraska.

Arthur J. Labovitz, MD, Edward C. Wright Professor of Medicine and Chair, Department of Cardiovascular Sciences, University of South Florida, Tampa, Florida

Gerald Maurer, MD, Professor of Medicine, Director, Division of Cardiology and Chair, Department of Medicine II, Medical University of Vienna, and Editor-in-Chief, European Heart Journal-Cardiovascular Imaging, Vienna, Austria

Bernhard Mumm, MS, President, TomTec Imaging Systems, Munich, Germany

Aditi MD Naniwadekar, MD, Cardiology Fellow, Albert Einstein Medical Center, Philadelphia, Pennsylvania

Ahmad Omran, MD, Consultant Cardiologist and Section Head, Non-Invasive Cardiology Lab, King Abdulaziz

Cardiac Center, Ministry of National Guard Health Affairs, Riyadh, Kingdom of Saudi Arabia

Ramdas G. Pai, MD, FRCP (Edin), Professor of Medicine, Loma Linda University Medical Center, Loma Linda, California

Natesa G. Pandian, MD, Professor of Medicine and Director, Heart Valve Center, Tufts University Medical Center, Boston, Massachusetts

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

Shivani Patel, MD, Senior Pediatric Cardiology Fellow, Children's Hospital and Medical Center, University of Nebraska College of Medicine, Omaha, Nebraska

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

S. Ramakrishnan, MD, Additional Professor of Cardiology, All India Institute of Medical Sciences, New Delhi, India

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

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

Lauren A. Simprini, MD, Assistant Professor of Cardiovascular Medicine and Diagnostic Radiology, Yale School of Medicine, Cardiac MR/CT Cardiology Director and Cardiac MRI Core Lab Director, Yale Cardiovascular Research Group, New Haven, Connecticut

Vibhuti Singh, MD, Assistant Professor, University of South Florida College of Medicine, Morsani College of Medicine, Tampa, Florida

Vincent L. 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



**PRE-REGISTRATION FOR: 31st Annual International Conference on
Recent Advances in Echocardiography, March 13, 2015**

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 March 7, 2015. After March 7, 2015, registration will be taken at the door.

Registration may be sent by fax or email as follows: Fill out the registration form and fax to 205-934-6747, no cover sheet needed. By e-mail, include in an e-mail message the information requested on the registration form and e-mail to Lindy Chapman, lindyc@uab.edu. For further information: Phone: 205-934-8256 or 1-800-UAB-MIST. Mailing address: Lindy Chapman, University of Alabama at Birmingham, Echo Lab SW/S102, 619 19th Street South, Birmingham, Alabama 35249.

Fabiola Sozzi, MD, PhD, Consultant Cardiologist, Ospedale Maggiore Policlinico IRCCS, Milan, Italy

Tahir Tak, MD, PhD, Cardiovascular Disease, Mayo Clinic, Rochester, Minnesota

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

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

Zvi Vered, MD, Professor of Cardiology and Director, Department of Cardiology, Assaf Harofeh Medical Center, Zerifin, Israel and Chair, Section on Cardiology, Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel

Ioannis N. Vlasseros, MD, Director, Cardiological Department, Hippokraton Hospital of Athens-Greece, and General Secretary of Hellenic Cardiological Society, Athens, Greece

CASE STUDIES IN ECHOCARDIOGRAPHY

Friday, March 13, 2015

7:30 – 8:00 am Registration, Continental Breakfast

7:55 – 8:00 am Welcome and Course 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.

8:00-10:00 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- 12

Moderators: Drs. Kul Aggarwal, H.K Chopra and Julius M. Gardin

Dr. Kul Aggarwal (percutaneous closure of post-MI ventricular septal defect); Dr. Aman M. Amanullah and Dr. Aditi Naniwadekar (just in time of Christmas); Dr. H.K. Chopra (interesting case study); Dr. Lidiette Esquivel (cardiac involvement in hypereosinophilic syndrome); Dr. Julius M. Gardin (interesting case study); Dr. Mark H. Goldberger (interesting case study); Dr. Gautam Kumar (interesting case study); Dr. Arthur J. Labovitz (interesting case study); Dr. S. Ramakrishnan (interesting case study); Dr. Vibhuti Singh (interesting case study); Dr. Tahir Tak (interesting case study); Dr. Ioannis Vlasseros (mass in inferior vena cava in patient with renal cancer)

10:00-10:15 Refreshment break

10:15-11:30 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 13-21

Moderators: Drs. Aiden Abidov, Muhamed Saric and Jeane Tsutsui

Dr. Aiden Abidov (rare case of thrombus in transit); Dr. Jayashri R. Aragam (28 year old healthy man with acute onset of dyspnea); Dr. Alberto Barón C. (What is around the mitral valve?); Dr. Thomas Bartel (Myocardial injury in TAVR probably due to exaggerated banding of stiff wire; Early detection by intracardiac echocardiography); Dr. Anthon R. Fuisz (CMR is complimentary to Echo); Dr. Madhavi Kadiyala (interesting case study [coronary artery disease]); Dr. Navin C. Nanda (interesting case study); **Dr. Muhamed Saric (a mitral valve with a cleft leaves a patient bereft)**; Dr. Jeane Tsutsui (Myocardial perfusion in patients with refractory angina treated with shockwave)

11:30-1:00 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 22-32

Moderators: Drs. Lee Frazin, Gerald Maurer and Zvi Vered

Dr. Masood Ahmad (interesting 3D case study); Dr. Daniel Areco (interesting case study); Dr. Ricardo Benenstein (interesting case study); Dr. Christian S. Breburda (3DE guided pericardial therapy); Dr. P.A.N. Chandraratna (interesting case study); Dr. Lee J. Frazin (interesting case study); Dr. John Gorcsan III (interesting case study); Dr. Gerald Maurer (interesting case study); Dr. Lauren A. Simprini (interesting case study); Dr. Fabiola Sozzi (interesting case study); Dr. Zvi Vered (interesting case study)

1:00 – 2:00 pm Lunch on your own

2:00 – 3:30 pm **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, 3D Echo.**

Case Presentations and Discussion, Cases 33-43

Moderators: Drs. Brian D. Hoit, Natesa G. Pandian and Vincent L. Sorrell

Dr. Reema Chugh (Management of heart disease in pregnancy: A clinician's approach); Dr. Kristina H. Haugaa (athletic activity impairs myocardial function in arrhythmogenic right ventricular cardiomyopathy); Dr. Brian D. Hoit (interesting case study); Dr. Elsadig Kazzam (interesting case study); Dr. Shelby Kutty (interesting case study); Bernhard Mumm (New advances in RV quantification based on 3D echo); Dr. Ahmad Omran (An unusual location of a mass in the left atrium; interesting case of 3DTEE); Dr. Natesa Pandian (The heart has its own ways!); Dr. Shivani Patel (interesting case study); Dr. Nelson Pizzano (interesting case study); Dr. Vincent L. Sorrell (Open wide: Transient severe MR during TAVR)

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

Case Presentation and Discussion, Cases 44-54

Moderators: Drs. Nilda Espinola-Zavaleta, Serdar Küçüköğlü, Ramdas G. Pai and Hanumanth K. Reddy

Dr. Mohammed Andaleeb Chowhdury (bed-side echocardiography in the emergency room); Dr. Thor Edvardsen (interesting case study); Dr. Sibel Catirli Enar (interesting case study); Dr. Nilda Espinola-Zavaleta (interesting case study); Dr. Omer Iqbal (interesting case study); Dr. Santhosh K.G. Koshy (interesting case study); Dr. Serdar Küçüköğlü (an unusual complication of infective endocarditis); Dr. Ramdas G. Pai (interesting case study); Dr. Vito Maurizio Parato (interesting case study); Dr. Hanumanth K. Reddy (A recurrent case of Takotsubo cardiomyopathy: unraveling the mystery of LV dilatation and dysfunction); Dr. Padmini Varadarajan (interesting case study)

5:00 pm Adjourment

FUTURE CONFERENCES/COURSES

April 29-May 2, 2015, **Joint Asian Pacific Society of Cardiology Congress and the XX World Congress of Echocardiography and Allied Techniques, Abu Dhabi, United Arab Emirates.** President: Dr. Arif Al Mulla; Vice-President/Secretary: Dr. Wael Almahmeed

September 17-19, 2015, **International Congress of Echocardiography, St. Petersburg, Russia.** Dr. Maria Prokudina

November 20-22, 2015, **XXI World Congress of Echocardiography and Cardiology, Istanbul, Turkey.** President: Prof. Serdar Küçüköğlü.

May 2016, **XXII World Congress of Echocardiography and Allied Techniques, Mexico.** Organized by ISCU and the ABC Medical Center in Mexico City. President: Dr. Nilda Espinola-Zavaleta; Vice-President: Dr. Nydia Avila Vanzini; Secretary: Dr. Patricia Pérez-Soriano

October 26-28, 2016, **XXIII World Congress of Echocardiography and Allied Techniques, Leipzig, Germany.** Congress Presidents: Prof. Andreas Hagendorff and Dr. Klaus Tiemann.

October 6-8, 2017, **XXIV World Congress of Echocardiography and Allied Techniques, India.**

2018, **XXV World Congress of Echocardiography and Allied Techniques, Scottish Exhibition and Conference Centre, Glasgow, Scotland.** President: Dr. Nikolaos Tzemos; Vice-President: Dr. Colin Berry; Secretary: Dr. Tony Stanton

2020, **XXVII World Congress of Echocardiography and Allied Techniques, Peru.** Dr. Pedro Armendariz, President, Peruvian Society of Echocardiography and Ultrasound, Dr. Ricardo Abugataz, Director of Cardiology Institute of Lima and Dr. Nilda Espinola-Zavaleta

For information, contact: Navin C. Nanda, M.D., President, International Society of Cardiovascular Ultrasound, P.O. Box 323, Gardendale, AL 35071, USA. Tel: 205-934-8256; fax: 205-934-6747; E-mail: lindyc@uab.edu. Web site: <http://www.iscu.org>

Preceptorship Training in Echocardiography – Transthoracic (including 3D) or Transesophageal Echocardiography (all physicians and technologists), University of Alabama at Birmingham, Birmingham, Alabama. Director: Navin C. Nanda, M.D. Each one-week program emphasizes training in the latest theory, technique and practice of cardiovascular ultrasound examinations with emphasis on either transthoracic, transesophageal or 3-dimensional echocardiography. Fee: Physicians (\$1,000.00), Technologists (\$500.00). For further information contact: Navin C. Nanda, M.D., University of Alabama at Birmingham, Birmingham, Alabama. University of Alabama at Birmingham, Heart Station SW/S102, 619 19 Street South, Birmingham, AL 35249-6846. Tel: 205-934-8256; fax: 205-934-6747; E-mail: lindyc@uab.edu.