

25th Annual International Conference  
on  
**RECENT ADVANCES IN  
ECHOCARDIOGRAPHY AND ALLIED  
TECHNIQUES (MRI, CT SCAN, NUCLEAR)**

March 28, 2009

Embassy Suites Orlando International Drive, Orlando, Florida

**INTERESTING CASE STUDIES  
A TOTAL OF OVER 90 CASES BY OVER 90  
FACULTY ARE EXPECTED TO BE SHOWN**

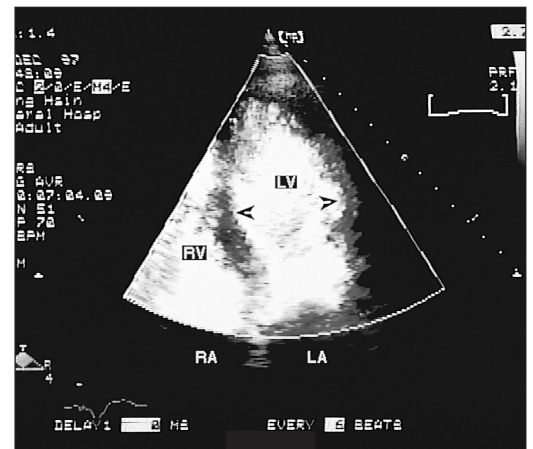
This event is not part of the official ACC Annual Scientific Session and/or the ACC's Innovation in Intervention: i2 Summit in Partnership with the Cardiovascular Research Foundation, as planned by their Program Committees.

**CONFERENCE DIRECTOR: Navin C. Nanda, MD**

Jointly sponsored by the University of Alabama School of Medicine, UAB Division of Continuing Medical Education and University of Alabama at Birmingham Echocardiography Laboratory, Birmingham, Alabama, and the International Society of Cardiovascular Ultrasound



Embassy Suites Orlando  
International Drive  
Room: Regency Ballroom  
8978 International Drive  
Orlando, Florida  
Phone: (407) 352-1400



## Symposium Location:

Embassy Suites Orlando International Drive  
Room: Regency Ballroom  
8978 International Drive  
Orlando, Florida  
Phone: (407) 352-1400

**Purpose:** This conference is designed to provide a comprehensive review of echocardiography and allied techniques (MRI, CT Scan, Nuclear) with emphasis on case studies dealing with valvular heart disease, endocarditis, valve repair, peripheral arterial diseases, prosthetic valves, heart failure, tumors, embolism, trauma, dissection, adult congenital heart disease, coronary artery disease, stress, 3-dimensional, LV strain/strain rate, Doppler tissue imaging, velocity vector imaging and contrast echocardiography. Although the symposium is designed mainly for physicians and technologists, we invite nurses, and other health and industry professionals to attend. This Conference registration fee is \$130.00 for practicing physicians and \$65.00 for physicians in training and nonphysicians. Onsite registration will be taken until 10:00 am however, lunch tickets may not be available for onsite registrants. Continental breakfast, luncheon and refreshment breaks are included. There are no special prerequisites.

**Objectives:** We expect the attendees to acquire and enhance their knowledge of various aspects of echocardiography; to be able to describe uses of basic modes of display for cardiac assessment; recognize normal anatomy and pathology of the heart from ultrasound images and to describe the use of Doppler ultrasound in the assessment of blood flow within the heart.

**Accreditation:** This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the University of Alabama School of Medicine (UASOM), University of Alabama at Birmingham Echocardiography Laboratory, Birmingham, Alabama and the International Society of Cardiovascular Ultrasound. The UASOM is accredited by the ACCME to provide continuing medical education for physicians.

The University of Alabama School of Medicine designates this educational activity for a maximum of 10 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The University of Alabama School of Medicine is an equal opportunity/affirmative action institution.

While designated for credit hours, the program is not intended to provide extensive training or certification in the field.

### Cancellation Policy

There will be a \$25.00 cancellation fee for course cancellations. Cancellations must be received in writing no later than March 18, 2009 and sent to Lindy Chapman, University of Alabama at Birmingham, Heart Station SW/S102, 619 S. 19 Street, Birmingham, AL 35249; fax: 205-934-6747 or email: lindyc@uab.edu. After that date there will be no refunds. Telephone cancellations will not be accepted. Letters of cancellation must include registrants name, home address and social security number. Your refund, less the \$25.00 cancellation fee, will be sent 4-6 weeks following the course dates. The Division of Continuing Medical Education, UAB reserves the right to cancel this course without prior notice due to unforeseen circumstances.

### ACKNOWLEDGEMENTS

We acknowledge educational grants from Elsevier Medical Books, Philips Medical System, Siemens Medical Solutions USA and Toshiba America Medical. Other support will be acknowledged at the Conference.

### 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, Professor of Medicine and Director, Heart Station/Echocardiography Laboratories, University of Alabama at Birmingham, Birmingham, Alabama. Director, Echocardiography Laboratories, The Kirklın Clinic, University of Alabama Health Services Foundation, Birmingham, Alabama.

## FACULTY:

- Osama Abdel-Aziz, MD**, Professor of Cardiology and President, Egyptian Society of Atherosclerosis, Cairo, Egypt
- Elsayed S. Abo-Salem, MD**, Cardiologist, Mansoura University, Egypt
- Harry Acquatella, MD**, Professor of Medicine and Director, Echocardiography Laboratory, Centro Medico, Caracas, Venezuela
- Kul Aggarwal, MD**, Professor of Clinical Medicine, University of Missouri and Chief, Cardiology Section, Harry S. Truman Veterans Hospital, Columbia, Missouri
- Masood Ahmad, MBBS**, Professor of Medicine and Director, Echocardiography, University of Texas Galveston, Texas
- Mouaz Al-Mallah, MD**, Director, Cardiac Imaging Research and Associate Director, Cardiovascular Fellowship, Henry Ford Hospital, Detroit, Michigan
- Luis M. Amuchastegui, MD**, Emeritus Professor, National University of Cordoba, and Cardiology Service, Hospital Privado, Cordoba, Argentina
- Gani Bajraktari, MD**, Professor of Internal Medicine and Director, Internal Medicine Clinic, University Clinical Center of Kosova, Prishtina, Kosovo
- Piers C.A. Barker, MD**, Associate Professor of Pediatrics and Obstetrics/Gynecology and Director, Pediatric Cardiac Imaging and Maternal-Fetal Cardiology, Division of Pediatric Cardiology, Duke University Medical Center, Durham, North Carolina
- Alberto Baron, MD**, Director of Medical Department and Director of Cardiology, Clinica Marly, Bogota, Colombia
- Thomas Bartel, MD**, Assistant Professor of Medicine and Director, Program for Structural Heart Disease, Department of Cardiology, Medical University, Innsbruck, Austria
- Rolf Baumann, MSC**, Vice President Product Management, TomTec Imaging Systems, Munich, Germany
- Robert W.W. Biederman, MD**, Associate Professor of Medicine and Director, Drexel University College of Medicine, Allegheny General Hospital, Pittsburgh, Pennsylvania
- Roland R. Brandt, MD**, Director, Echocardiography Laboratory, Kerckhoff Heart Center, Bad Nauheim, Germany
- P.A.N. Chandraratna, MD**, Professor of Medicine, UC Irvine and Chief, Cardiology, Long Beach VA Medical Center, Long Beach, California
- Farooq A. Chaudhry, MD**, Associate Professor of Medicine, Columbia University College of Physicians & Surgeons, Associate Chief of Cardiology and Director of Echocardiography, St. Luke's-Roosevelt Hospital Center, New York, New York
- Brian G. Choi, MD**, Assistant Professor of Medicine, The Richard B. & Lynn V. Cheney Cardiovascular Institute, George Washington University, Washington, DC
- Reema Chugh, MD**, Consultant, Cardiology/Adult Congenital Heart Disease and Heart Disease in Pregnancy, Kaiser Foundation Hospitals, Panorama City, California
- Zee Pin Ding, MBBS, M.Med**, Senior Consultant and Director, Echocardiography, Department of Cardiology, National Heart Centre Singapore, Singapore
- Hisham Dokainish, MD**, Associate Professor of Medicine and Director, Echocardiography, Baylor College of Medicine and Director, Non-Invasive Cardiology and Coronary Care Unit, Ben Taub General Hospital, Houston, Texas
- Michael J. Domanski, MD**, Chief, Atherothrombosis and Coronary Artery Disease Branch, National Heart, Lung, and Blood Institute, Bethesda, Maryland
- Thor Edvardsen, MD, PhD**, Professor of Medicine, Deputy Head, Department of Cardiology, Rikshospitalet University Hospital, Oslo, Norway
- Raimund Erbel, MD**, Professor of Medicine/Cardiology, University Duisburg-Essen and European Cardiology, Department of Cardiology, West-German Heart Center, Essen, Germany
- Nilda Espinola-Zavelta, MD, PhD**, Professor of Echocardiography, Instituto Nacional de Cardiologia Ignacio Chavez, Mexico City, Mexico
- Dali Fan, MD, PhD**, Director, Echocardiography, North Shore Hospital, Manhasset, New York

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

**Anthony Fuisz, MD**, Director, Cardiac MRI, Washington Hospital Center, Washington, D.C.

**Carlos Garcia del Rio, MD**, Professor of Medicine, Universidad de Cartagena, Cartagena, Columbia

**Julius M. Gardin, MD**, Professor and Chairman, Department of Internal Medicine, Hackensack University Medical Center and Touro University College of Medicine, Hackensack, New Jersey

**Robert P. Gatewood Jr., MD**, Clinical Associate Professor, SUNY at Buffalo and Cardiologists, Buffalo Cardiology and Pulmonary Associates PC, Buffalo, New York

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**Mark H. Goldberger, MD**, Assistant Clinical Professor of Medicine, Columbia University College of Physicians and Surgeons and Assistant Attending Physician, New York-Presbyterian Hospital/Columbia University Medical Center, New York, New York

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**Brian D. Hoit, MD**, Professor of Medicine and Physiology and Biophysics, Case Western Reserve University and Director of Echocardiography, University Hospital Health System, Cleveland, Ohio

**Fikret Ilgenli, MD**, Cardiologist, Golcuk Military Hospital, Kocaeli, Turkey

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**Hiroshi Ito, MD**, Cardiologist, Cardiovascular Center, Sakurabashi Watanabe Hospital, Japan

**Andres Jaussi, MD**, Charge de Cours, University of Lausanne, Lausanne, Switzerland

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**Kulliki Karu, MD**, Head, Department of Clinical Physiology, Tartu University Hospital, Tartu, Estonia

**Jaroslav D. Kasprzak, MD**, Professor of Cardiology, and Head, Department of Rapid Cardiac Diagnostics, II Chair of Cardiology, Medical University of Lodz, Lodz, Poland

**Alan S. Katz, MD**, Associate Professor of Medicine, Stony Brook University and Director, Cardiac Imaging and Informatics, St. Francis Hospital, The Heart Center, Roslyn, New York

**Elsadig Kazzam, MD**, Professor of Clinical Cardiology, Department of Internal Medicine, Faculty of Medicine and Health Sciences, United Arab Emirates University, Al-Ain, United Arab Emirates

**Keek-Sik Kim, MD**, Professor of Medicine and Director, Heart Center, Daegu Catholic University, Medical Center, Daegu, Korea

**Joseph Kisslo, MD**, Professor of Medicine, Duke University Medical Center, Durham, North Carolina

**Allan L. Klein, MD**, Professor of Medicine, Lerner College of Medicine of Case Western University and Director, Cardiovascular Imaging Research at Cleveland Clinic, Cleveland, Ohio

**Smadar Kort, MD**, Associate Professor of Medicine and Director, Non Invasive Cardiology, Director, Cardiovascular Imaging, Director, Echocardiography, Stony Brook University Medical Center, Stony Brook, New York

**Itzhak Kronzon, MD**, Professor of Medicine, New York University School of Medicine, New York, New York

**Arthur J. Labovitz, MD**, Jack Ford Shelby Endowed Professor and Director, Division of Cardiology, Saint Louis University, Saint Louis, Missouri

**Steven J. Lavine, MD**, Professor of Medicine and Director, Noninvasive Laboratory and Cardiovascular Program Director, University of Florida College of Medicine, Jacksonville, Florida

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

**Angel Lopez-Candales, MD**, Associate Professor of Medicine and Director, Outreach Echocardiography Services, University of Pittsburgh, Cardiovascular Institute, Pittsburgh, Pennsylvania

**AASM Majumder, MD**, Professor, Department of Cardiology, National Institute of Cardiovascular Diseases, Dhaka, Bangladesh

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**Sunil Mankad, MD**, Associate Professor of Medicine, Mayo Clinic College of Medicine and Director of Transesophageal Echocardiography, Mayo Clinic, Rochester, Minnesota

**Wilson Mathias Junior, MD**, Director, Echocardiography, InCor-HC-FMUSP, Sao Paulo, Brazil

**Gerald Maurer, MD**, Professor of Medicine, Director, Division of Cardiology and Chair, Department of Medicine II, Medical University of Vienna, Austria

**Issam A. Mikati, MD**, Associate Professor, Division of Cardiology, The Feinberg School of Medicine, Northwestern University, Chicago, Illinois

**Victor Mor-Avi, PhD**, Research Associate, Professor, and Director, Cardiac Imaging Research, University of Chicago Medical Center, Chicago, Illinois

**Bernhard Mumm, MSc**, President & CTO TomTec Imaging Systems, Munich, Germany



**PRE-REGISTRATION FOR: 25th Annual International Conference on  
Recent Advances in Echocardiography, March 28, 2009**

Last name		First name		M.	Degree
Street Address					
City		State	Zip code		Country
Specialty			Office Phone		
Fax (required)			E-mail		
Fee Schedule (please check) <input type="checkbox"/> \$130.00 physician <input type="checkbox"/> \$65.00 for physician-in-training and non-physician			Registration will not be complete until payment is processed. Check enclosed/amount \$ _____ or charge my CME portion to VISA _____ MasterCard _____ Discover Card _____ Card Number _____ Exp. Date _____ Signature _____		

Pre-registration and payment must be received by March 23, 2009. After March 23, 2009, registration and payment will be taken at the door until 10:00 am however, lunch tickets may not be available.

CANCELLATION POLICY: \$25.00 cancellation fee. Registration will not be complete until payment is processed or verification letter received.

**Make check payable to:** University of Alabama at Birmingham. **Send registration form and check to:** Lindy Chapman, University of Alabama at Birmingham, Heart Station SW/S102, 619 19th Street South, Birmingham, AL 35249-6846. For information, phone: 205-934-8256 or 1-800-UAB-MIST. Fax maybe used for credit card or free registrations only - FAX -205-934-6747 (confidential/private fax)

**Sherif F. Nagueh, MD**, Professor of Medicine, Weill Cornell Medical College, Methodist DeBakey Heart Center, The Methodist Hospital, Houston, Texas

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

**H. Joachim Nesser, MD**, Associate Professor and Director, Iind Department of Medicine, Cardiology-Angiology-Intensive Care, Elizabethinen Teaching Hospital of the University of Vienna, Linz, Austria

**Ryozo Omoto, MD**, Professor Emeritus, Saitama International Medical Center, Saitama Medical University, Saitama, Japan

**Natesa G. Pandian, MD**, Professor of Medicine, Tufts University School of Medicine, Director, New England Heart Valve Center, Direstor, Cardiovascular Ultrasound Research, Co-Director, Center for Cardiac Imaging, Tufts Medical Center, Boston, Massachusetts

**Satish Parashar, MD**, Senior Consultant Cardiologist and Director, Non-Invasive Cardiology, Metro Heart Institute, Delhi, India

**Vito Maurizio Parato, MD**, Director, Chest Pain Unit, Mazzoni Hospital, Ascoli, Italy

**Hilda Peralta Rosado, MD**, Cardiologist and Echocardiographer, Merida Clinic, Merida City, Mexico

**Daniel José Piñeiro, MD**, Professor of Medicine, Universidad de Buenos Aires, Argentina and Vice-President, Interamerican Society of Cardiology, Buenos Aires, Argentina

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**Juan Carlos Plana, MD**, Assistant Professor of Medicine and Director, Cardiac Imaging, The University of Texas MD Anderson Cancer Center, Houston, Texas

**Jyothy J. Puthumana, MD**, Assistant Professor, Department of Medicine, Division of Cardiology, Northwestern University, Chicago, Illinois

**Peter S. Rahko, MD**, Professor of Medicine and Director, Adult Echocardiography Laboratory, University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin

**Joel S. Raichlen, MD**, Clinical Professor of Medicine, Thomas Jefferson University, Philadelphia, Pennsylvania and Senior Director, Clinical Research, Astra Zeneca, Wilmington, Delaware

**Hanumanth K. Reddy, MD**, Clinical Adjunct Professor of Medicine, University of Arkansas for Medical Sciences, Little Rock, Arkansas

**Vera H. Rigolin, MD**, Associate Professor of Medicine, Northwestern University Feinberg School of Medicine and Co-Medical Director, Echocardiography Laboratory Northwestern Memorial Hospital, Chicago, Illinois

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**David J. Sahn, MD**, Professor of Pediatrics, Diagnostic Radiology, Obstetrics & Gynecology and Biomedical Engineering and Director, OHSU Interdisciplinary Program for Cardiac Imaging, Oregon Health & Science University, Portland, Oregon

**Ernesto E Salcedo, MD**, Professor of Medicine, University of Colorado Denver and Director of Echocardiography, University of Colorado Hospital, Denver, Colorado

**Muhamed Saric, MD, PhD**, Associate Professor of Medicine and Director, Echo Lab, UMDNJ - New Jersey Medical School, Newark, New Jersey

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**Vibhuti Singh, MD**, Assistant Professor of Medicine, University of South Florida College of Medicine and Director, Division of Cardiology, Bayfront Medical Center, St. Petersburg, Florida

**Chittur A. Sivaram, MD**, Professor of Medicine, Vice Chief (Cardiovascular Section) and Director of Cardiology Fellowship Training Program, University of Oklahoma Health Sciences Center, Oklahoma City, Oklahoma

**Savitri Srivastava, MD**, Director, Pediatric Cardiology, Escorts Heart Institute and Research Center, New Delhi, India

**Shubhika Srivastava, MD**, Associate Professor of Pediatrics, Director Fellowship Program and Director, Pediatric Echocardiography Laboratory, Division of Pediatric Cardiology, Mount Sinai Medical Center, New York, New York

**William J. Stewart, MD**, Associate Professor of Medicine and Director, Cardiovascular Disease Curriculum, Cleveland Clinic Lerner College of Medicine and Staff Cardiologist, Heart and Vascular Institute, Department of Cardiovascular Medicine, Section of Cardiovascular Imaging, Cleveland, Ohio

**Cynthia Taub, MD**, Director, Non-invasive Cardiology, Montefiore Medical Center (East Campus), Albert Einstein College of Medicine, Bronx, New York

**James D. Thomas, MD**, Moore Chair of Cardiovascular Imaging, Cleveland Clinic Foundation, Cleveland, Ohio

**Paul Tunick, MD**, Professor of Medicine, NYU School of Medicine, New York, New York

**Bruce W. Usher, M.D., FACC, FACP**, Medical Director, Adult Echocardiography Laboratory, Medical University of South Carolina, Charleston, South Carolina

**Ioannis Vlasseris, MD**, Director of Echo Lab, Cardiological Department, Hippokraton Hospital of Athens, Athens, Greece

**Donald J. Voelker, MD**, Adjunct Clinical Professor of Medicine, University of Arkansas for Medical Sciences, Little Rock, Arkansas and Associate Chief, Cardiovascular Services and Medical Director, Cardiac Computed Tomography Services, Medical Center of South Arkansas, El Dorado, Arkansas

**Szilard Voros, MD**, Chief Academic Office and Medical Director, Computed Tomography and Magnetic Resonance Imaging, Piedmont Heart Institute, Atlanta, Georgia

**Samuel Wann, MD**, Chairman, Department of Cardiovascular Medicine, Wisconsin Heart Hospital, Milwaukee, Wisconsin

## CASE STUDIES IN ECHOCARDIOGRAPHY

Saturday, March 28, 2009  
(lunch will be provided)

7:00-7:30 am

Registration, Continental Breakfast

7:25-7:30 am

Welcome and Course Orientation - Dr. Navin Nanda

Each faculty case presenter will be allotted 6 minutes. This will include presentation of pertinent clinical findings, echocardiogram, questions for the audience

7:30-10:00 am

Session I. Cardiomyopathy, Congenital Heart Disease, CT/MRI, Intracardiac Echo, Masses, Tissue Doppler Imaging, Valvar Heart Disease, Velocity Vector Imaging, 3D Echo, Miscellaneous.

Case Presentations and Discussion, Cases 1-23

Moderators: Drs. Kul Aggarwal, Robert W.W. Biederman, Michele Nanna, H. Joachim Nesser, Rakesh Sharma and Chittur A. Sivaram

Dr. Kul Aggarwal (malfunction of prosthetic valve); Dr. Piers C.A. Barker (advances in cardiac mechanics and congenital heart disease); Dr. Thomas Bartel (ASD in dysfunctional left ventricle – to close or not to close – role of echocardiography); Dr. Robert W.W. Biederman (does this patient have hemochromatosis; an echocardiographic and cardiovascular MRI collaboration); Dr. Brian G. Choi (Coeur douloureux: transient midventricular ballooning syndrome precipitated by trigeminal neuralgia); Dr. Thor Edvardsen (tissue Doppler imaging abnormalities in a patient with long QT syndrome and malignant arrhythmia); Dr. Dali Fan (diastolic tricuspid regurgitation exacerbating pulmonary regurgitation); Dr. Julius M. Gardin (interesting case study); Dr. Mark H. Goldberger (interesting case study); Dr. Aasha S. Gopal (interesting case study); Dr. John Gorcsan III (interesting case study); Dr. Joseph Kisslo (atrial anatomy quiz); Dr. Steven J. Lavine (interesting case study); Dr. Judy R. Mangion (real-time 3D TEE of quadricuspid aortic valve); Dr. Michele Nanna (inter-

esting case study of adult congenital heart disease); Dr. H. Joachim Nesser (interesting case study); Dr. David J. Sahn (advanced intracardiac imaging for EP procedure); Dr. Ernesto E. Salcedo (3D TEE guided alcohol septal ablation for HOCM); Dr. Rakesh Sharma (interesting case study); Dr. Chittur A. Sivaram (interesting case study); Dr. Paul Tunick (acute VSD, 2D and 3D echo); Dr. Bruce W. Usher (left atrial thrombus on a bungee cord); Dr. Samuel Wann (multimodality imaging in a patient with heart disease)

10:00-10:30

Refreshment break and visit exhibits

10:30-11:30 am

**Session II. Cardiomyopathy/Myocarditis, Coronary Artery Disease, CT/MRI, Embolism, LV Diastolic Function, Masses, Post Intervention, Prosthetic Valves, Valvar Heart Disease, 3D Echo.**

Case Presentations and Discussion, Cases 24-37

**Moderators: Drs. P.A.N. Chandraratna, Lee J. Frazin, Smadar Kort, Donald J. Voelker**

Dr. Roland R. Brandt (real time 3-dimensional echocardiographic diagnosis of postmyocardial infarction ventricular septal defect and guidance of transcatheter closure); Dr. P.A.N. Chandraratna (interesting case study); Dr. Lee J. Frazin (interesting case study); Dr. Hiroshi Ito (a case of Takotsubo cardiomyopathy); Dr. Kulliki Karu (an unusual etiology of acute myocardial infarction); Dr. Alan Katz (a cardiac mass); Dr. Smadar Kort (interesting case study); Dr. Carlos O. Lima (paradoxical embolism); Dr. Navin C. Nanda (interesting case study); Dr. C.P. Roy (cardiac mass); Dr. Savitri Srivastava (annulo-aortic-ectasia); Dr. Shubhika Srivastava (silent congenital heart disease in young adults – double outlet right atrium); Dr. James D. Thomas (3D TEE guidance of closure of mitral paravalvular leak); Dr. Donald J. Voelker (interesting CTA case)

11:30-1:00 pm

**Session III. Aortic Pathologies, Cardiac Dyschrony, Congenital Heart Disease, Critical Care, CT/MRI, Masses, Pericarditis, Stress Echo, Valvar Heart Disease, Valve Repair, 3D Echo.**

Case Presentations and Discussion, Cases 38-50

**Moderators: Drs. Gani Bajraktari, Reema Chugh, Robert P. Gatewood, Jr., Alan S. Katz, and Sunil Mankad**

Dr. Gani Bajraktari (MRSA Endocarditis of bovine Contegra valved conduit); Dr. Farooq Chaudhry (role of dobutamine stress echo in selecting patients for CRT); Dr. Reema Chugh (3D echocardiography in adult congenital heart disease); Dr. Raimund Erbel (interesting case study); Dr. Robert P. Gatewood, Jr. (interesting case study); Dr. Shuping Ge (a “blue child”: think outside the heart); Dr. Itzhak Kronzon (interesting case study); Dr. Arthur J. Labovitz (interesting case study); Dr. Angel Lopez-Candales (a surgeon’s nightmare); Dr. Sunil Mankad (stress echo in asymptomatic severe aortic stenosis); Dr. Victor Mor-Avi (volumetric evaluation of myocardial perfusion from multi-detector CT images); Dr. William J. Stewart (TEE in percutaneous AVR); Dr. Cynthia Taub (interesting case study)

1:00 pm Lunch served

1:00 – 3:30 pm

**Session IV. Cardiomyopathy/Myocarditis, CT/MRI, Endocarditis, Heart Failure, Post Intervention, Pulmonary Hyper-**

**tension, RV Function, Strain and Strain Rate, Valve Repair and Surgery, 3D Echo.**

Case Presentations and Discussion, Cases 51-67

**Moderators: Drs. Masood Ahmad, Gerald Maurer, Natesa Pandian, Hanumanth K. Reddy**

Dr. Masood Ahmad (interesting 3D echo case); Dr. Michael J. Domanski (interesting case study); Dr. Nilda Esinola-Zavelta (apical hypertrophic cardiomyopathy with an apical mass associated with stroke); Dr. Anthony Fuisz (difficult cardiac MRI case); Dr. Richard A. Grimm (interesting case study); Dr. Brian D. Hoit (interesting case study); Dr. Masoor Kamalesh (interesting case study); Dr. Jaroslaw Kasprzak (interesting case study); Dr. Kee-Sik Kim (interesting infective endocarditis case); Dr. Amgad N. Makaryus (interesting case study); Dr. Gerald Maurer (interesting case study); Dr. Sherif F. Nagueh (interesting case study); Dr. Natesa Pandian (interesting case study); Dr. Daniel José Piñero (interesting case study); Dr. Jyothy Puthumana (heart failure therapeutics and role of echo); Dr. Joel S. Raichlen (interesting case study); Dr. Hanumanth K. Reddy (interesting case study)

3:30 pm

Afternoon refreshment break

3:30 – 6:00 pm

**Session V. Cardiomyopathy/Myocarditis, Embolism, Endocarditis, Heart Failure, Masses, Peripheral Arterial Disease, Prosthetic Valves, RV Volume, Systemic Diseases, Trauma, Valvar Heart Disease, 3D Echo, Miscellaneous.**

Cases 68-98

**Moderators: Drs. Zee-Pin Ding, Juan Carlos Plana, Peter S. Rahko, Muhamed Saric, Vibhuti Singh, Szilard Voros**

Dr. Osama Abdel-Aziz (interesting case study); Dr. Elsayed S. Abo-Salem (3D echo of MV disease); Dr. Harry Acquatella (interesting case study); Dr. Mouaz Al-Mallah (interesting CT/MRI case); Dr. Luis M. Amuchastegui (interesting case study); Dr. Alberto Baron (unusual cause of systemic embolism); Rolf Baumann (right ventricular volumes – a novel multimodality quantification method for the right ventricle); Dr. Zee-Pin Ding (interesting case study); Dr. Hisham Dokainish (prosthetic valve dysfunction); Dr. Carlos Garcia del Rio (interesting myocarditis case); Dr. Fikret Ilgenli (interesting case study); Dr. Omer Iqbal (interesting case study); Dr. Andres Jaussi (case of unusual nonvalvular flow); Dr. Elsadig Kazzam (interesting case study); Dr. Allan L. Klein (pulmonary vein stenosis after PVI); Dr. AAS Majumder (aneurysm of sinus valsalva presented with syncope); Dr. Wilson Mathias Junior (echocardiography in systemic lupus); Dr. Issam A. Mikati (interesting case study); Bernhard Mumm (new 3D imaging multimodality quantification tools); Dr. Ryozo Omoto (LV aneurysm after infective endocarditis); Dr. Satish Parashar (interesting case study); Dr. Vito Maurizio Parato (atypical case of interventricular septum bulging); Dr. Vera H. Rigolin (low gradient aortic stenosis); Dr. Hilda Peralta Rosado (interesting case study); Dr. Nelson Pizzano (interesting case study); Dr. Juan Carlos Plana (cardiac mass); Dr. Peter S. Rahko (persistent hypotension after a bicycle accident); Dr. Muhamed Saric (a special form of dextrocardiac bilateral left-sidedness syndrome); Dr. Vibhuti Singh (interesting case study); Dr. Ioannis Vlasseros (interesting case study); Dr. Szilard Voros (interesting case study)

6:00 pm Adjournment

## FUTURE CONFERENCES/COURSES

September 17-20, 2009, **22nd Annual Conference on 2D, Conventional and Color Doppler Echocardiography and Allied Techniques**. Call-away Gardens Resort, Pine Mountain, Georgia. Conference Director: Dr. Navin C. Nanda

July 18-20, 2009, **XIII World Congress of Echocardiography and Allied Techniques, Kobe, Japan**. Presidents: Drs. Junichi Yoshikawa and Kiyoshi Yoshida.

February 17-19, 2010, **XIV World Congress of Echocardiography and Allied Techniques, Philippines**. Cosponsored by the Philippine Heart Association with the Philippine Society of Echocardiography and the Philippine Society of Vascular Medicine. President: Dr. Homobono B. Calleja; Chairman of the Organizing Committee: Dr. Raul D. Jara

July 8-10, 2010, **World Conference in Echocardiography and Noninvasive Imaging, Mexico**. Cosponsored by the La Sociedad Nacional de Echocardiografia de Mexico (SONECOM). President: Dr. Nilda Espinola-Zavaleta; Secretary: Dr. Hilda Peralta-Rosado

February 11-13, 2011, **XV World Congress of Echocardiography and Allied Techniques, India**. Cosponsored by the Indian Academy of Echocardiography. President: Dr. Satish K. Parashar; Secretary General: Dr. Rakesh Gupta.

April/May 2012, **XVI World Congress of Echocardiography and Allied Techniques, Brazil**. Cosponsored by the Brazilian Department of Echocardiography of the Brazilian Society of Cardiology. President: Dr. Wilson Mathias Jr.

May/June 2013, **XVII World Congress of Echocardiography and Allied Techniques, Puglia region of Italy**. President: Dr. Pasquale Palmiero; General Secretary: Dr. Maria Maiello

May 30-June 1, 2014, **XVIII World Congress of Echocardiography and Allied Techniques, Romania**. Cosponsored by the Romanian Society of Cardiology. Honorary President: Prof. Dr. Carmen Ginhina; Executive President, Dr. Ioan Mircea Coman, Secretary: Dr. Bogdan A. Popescu

2015, **XIX World Congress of Echocardiography and Allied Techniques, Germany**. Congress Presidents: Prof. Andreas Hagendorff and Dr. Klaus Tiemann. Possibly joint meeting with the German Society of Ultrasound

2016, **XX World Congress of Echocardiography and Allied Techniques, Mexico**. President: Dr. Hilda Peralta-Rosado; Co-President: Dr. Nilda Espinola-Zavaleta

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