

# **20th Annual International Conference on Echocardiography and Allied Techniques (MRI, CT Scan, Nuclear): Case Studies and Recent Advances**

Saturday, November 13, 2010

Jointly sponsored by the University of Alabama School of Medicine, University of Alabama at Birmingham Echocardiography Laboratories, Birmingham, Alabama, and the International Society of Cardiovascular Ultrasound

This event is not part of the official Scientific Sessions 2010 as planned by the AHA Committee on Scientific Sessions Programming

**Embassy Suites Chicago Downtown  
Lakefront Hotel  
511 North Columbus Drive (corner of  
North Columbus Drive and Illinois Street)  
Chicago, Illinois  
Phone: (312) 836-5900**

**CONFERENCE DIRECTORS:**  
Navin C. Nanda, MD  
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Natesa Pandian, MD  
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## **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 5.75 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.

**Purpose:** This conference is designed to provide a comprehensive review of echocardiography and allied techniques (MRI, CT Scan, Nuclear) with emphasis on case studies on valvular heart disease, endocarditis, prosthetic valves, pericardial and myocardial disorders, aortic diseases, adult congenital heart disease, and stress, tissue Doppler imaging, strain and strain rate imaging, 3 and 4-dimensional transthoracic and transesophageal echocardiography and contrast echocardiography. Although the conference is designed mainly for physicians, we invite technologists, nurses and other health professionals to attend. There are no special prerequisites for this course. The registration fee is free of charge however if CME certification is needed, the cost is \$50.00. Onsite registration will be taken until 10:00 a.m.

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

**Cancellation Statement:**

There will be a \$25.00 cancellation fee for course cancellations of those paying the course fee. Cancellations must be received in writing no later than October 28, 2010, and sent to Lindy Chapman, University of Alabama at Birmingham, Heart Station SW/S102, 619 19 Street South, Birmingham, AL 35249-6846. After that date there will be no refunds. Telephone cancellations will not be accepted. Letters of cancellation must include registrant's 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.

**Hotel Accommodations.**

The conference does not have a block of sleeping rooms at any hotel in Chicago.

**Hotel Parking**

The conference has not made arrangements for parking.

**Acknowledgements**

We acknowledge educational grants from: Lantheus Medical Imaging, Elsevier-Mosby-Saunders, Lippincott, Williams & Wilkins, Philips Healthcare, and Siemens Healthcare. Other support will be acknowledged at the conference.

## FACULTY

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**Gaby Weissman, MD**, Assistant Professor, Georgetown University, Cardiac Imaging, Washington Hospital Center, Washington, D.C.

## CONFERENCE PROGRAM

6:30 – 7:00 am Continental breakfast  
6:55-7:00 am Welcome and Introduction - Drs. Navin Nanda and Julius Gardin

### CASE STUDIES

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

7:00 – 8:30 am **Session I - Valvar Heart Disease, Ischemic Heart Disease, Transplantation, Heart Failure, Congenital Heart Disease, Prosthetic Valves, Cardiac Masses, Speckle Imaging, 3D & 4D Echo, Miscellaneous**

Case Presentation and Discussion - Cases 1-15

Chairpersons: Drs. Masood Ahmad, Robert W.W. Biederman, Vibhuti Singh, Szilard Voros

Dr. Masood Ahmad (an interesting 3D case); Dr. Robert W.W. Biederman (Does this patient need a transplant? Can echo help? Does CMR help?); Dr. Stefano Caselli (athlete's heart); Dr. Nilda Espinola-Zavaleta (interesting case study); Dr. Rachel Hughes-Doichev (interesting case study); Dr. Amer M. Johri (3D TEE guided transcatheter closure of a post-myocardial infarction ventricular septal defect); Dr. Martin G. Keane (an unusual case of bicuspid aortic stenosis); Dr. James N. Kirkpatrick (interesting case study); Dr. Angel Lopez-Candales (a congenital heart abnormality never seen before: particulars and hemodynamics reviewed); Dr. Daniel Jose Pineiro (a very common case); Dr. Robert E. Safford (tricuspid regurgitation as a consequence of a pacemaker/defibrillator lead); Dr. Vibhuti Singh (an interesting case study in valvular heart disease); Dr. Vincent L. Sorrell (I've got a splitting heartache!); Dr. William J. Stewart (interesting case study); Dr. Szilard Voros (interesting case study)

8:30 – 10:00 am **Session II - Ischemic Heart Disease, 3D & 4D Echo, Multimodality Imaging, Embolism, Tissue Doppler Imaging, Endocarditis, Pericarditis, Contrast Echo, TEE, Cardiac Resynchronization Therapy, Cardiac Masses, Anticoagulants, Congenital Heart Disease**

Case Presentation and Discussion – Cases 16-28

Chairpersons: Drs. Julius M. Gardin, Brian D. Hoit, Kiran B. Sagar and Muhamed Saric

Dr. Aiden Abidov (interesting case report based on multimodality imaging approach); Dr. Thomas Bartel (real-time 3D echocardiography as a guiding tool in interventional closure of paravalvular leakage); Dr. Michael J. Domanski (interesting case study); Dr. Thor Edvardsen (global strain in myocardial ischemia); Dr. Julius M. Gardin (interesting case study); Dr. John Gorcsan III (interesting case study); Dr. Brian D. Hoit (interesting case study); Dr. Omer Iqbal (thrombus passing through the PFO; new anticoagulants); Bernhard Mumm (new advances in cardiac quantification); Dr. Navin C. Nanda (interesting 3D case); Dr. Hanumanth K. Reddy (monitoring pacemaker leads by echocardiogram); Dr. Kiran B. Sagar (interesting case study); Dr. Muhamed Saric (how the heart got its cushion)

10:00 – 10:05 Refreshment Break

10:05 – 11:30 am **Session III – Congenital Heart Disease, Contrast Echo, Right Ventricle, Valvar Heart Disease, Coronary Artery Disease, Peripheral Vascular Disease, LV Diastolic Dysfunction, Stress Echo, Cardiac Surgery**

Case Presentation and Discussion – Cases 29-41

Chairpersons: Drs. Reema Chugh, Joseph F. Maalouf, Wilson Mathias Junior

Dr. Miguel Bayas Paredes (interesting case study); Dr. Reema Chugh (age-related issues in adults with congenital heart disease); Dr. T. Fikret Ilgenli (interesting case study); Dr. Leng Jiang (an unusual case with STEMI); Dr. Jaroslaw D. Kasprzak (congenital or acquired problem?); Dr. Joseph F. Maalouf (interesting case study); Dr. Wilson Mathias Junior (adenosine vs dobutamine; which is best for stress MCE?); Dr. H. Joachim Nesser (interesting case study); Dr. Vera H. Rigolin (interesting case study); Dr. Gyanendra Sharma (dynamic LVOT obstruction following PCI); Dr. Padmini Vadarajan (interesting case study); Dr. Ioannis Vlasseros (interesting case study)

11:30 am – 1:00 pm **Session IV –Athletic Heart, Cardiomyopathies, Heart Failure, MRI, CT, Nuclear, Aortic Disorders, Viability, Ischemic Heart Disease, Miscellaneous**

Case Presentation and Discussion - Cases 42-61

Chairpersons: Drs. P.A.N. Chandraratna, Galal E. Nagib Elkilany; Lee J. Frazin, Abdullah AS Majumder

Dr. Jose Azevedo (MCE and non significant epicardial CAD); Dr. Roland Brandt (heart failure in a young woman); Dr. P.A.N. Chandraratna (advances in the role of echocardiography in pericardial disease); Dr. Lee J. Frazin (interesting case study); Dr. Kai-Sheng Hsieh (interesting case study); Dr. Madhavi Kadiyala (interesting case: myocardial infarction, echo and CT evaluation); Dr. Smadar Kort (an interesting echocardiogram); Dr. Arthur J. Labovitz (interesting case study); Dr. Shoa-Lin Lin (right sided heart failure); Dr. Abdullah AS Majumder (an interesting case study); Dr. Judy R. Mangion (interesting case study); Dr. Vito Maurizio Parato (interesting case study); Dr. Gerald M. Pohost (interesting cardiac MRI case study); Dr. Ernesto E. Salcedo (interesting case study); Dr. Gaby Weissman (interesting case study); Dr. Fabiola B. Sozzi (interesting case study); Dr. Arif Al Mulla (left atrial mass); Dr. Harry Acquatella (peculiar tricuspid regurgitation in right ventricle infarct); Dr. Daniel Areco (CAD or just ischemic?); Dr. Kameswari Maganti (interesting case study)

1:00 pm Adjournment