

19th Annual International Conference on Echocardiography and Allied Techniques (MRI, CT Scan, Nuclear): Case Studies and Recent Advances

Saturday, November 14, 2009

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 2009 as planned by the AHA Committee on Scientific Sessions Programming

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

**CONFERENCE DIRECTORS:
Navin C. Nanda, MD
Julius M. Gardin, MD**

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, and 3 and 4-dimensional transthoracic and transesophageal echocardiography. An update of recent advances in echocardiography including contrast echocardiography will also be provided. 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 of \$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.

Acknowledgements

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FACULTY:

- Navin C. Nanda, MD**, (Course Director) Professor of Medicine and Director, Heart Station/Echocardiography Laboratories, University of Alabama at Birmingham, and Director, Echocardiography Laboratories, The Kirklin Clinic, University of Alabama Health Services Foundation, Birmingham, Alabama
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Echocardiography: Case Studies and Recent Advances

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 7 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; Prosthetic Valves; Cardiac Masses; Speckle Imaging; Contrast Echocardiography; Doppler Tissue Imaging; Miscellaneous**

Case Presentation and Discussion - Cases 1-11
Chairpersons: Drs. Szilard Voros, Padmini Varadarajan

Dr. Elsayed S. Abo-Salem (interesting case study)
Dr. Julius Gardin (interesting case study)
Dr. Fikret Ilgenli (interesting case study)

Dr. Martin G. Keane (a complex case of prosthetic paravalvular leak)
Dr. Bijoy K. Khandheria (interesting case study)
Dr. Carlos O. Lima (interesting case study)
Dr. Alexander Olivares-Reyes (young female with atypical chest pain and dyspnea)
Dr. Joel S. Raichlen (interesting case study)
Dr. Amolak Singh (complementary value of cardiac – CT and echocardiography in evaluating prosthetic aortic valve)
Dr. Padmini Varadarajan (interesting case study)
Dr. Szilard Voros (interesting case study)

8:30 – 10:00 am **Session II –Endocarditis; Pericarditis; Ischemic Heart Disease; 3D & 4D Echo; TEE; Cardiac Resynchronization Therapy; Pulmonary Embolism; Valvar Heart Disease; Prosthetic Valves; Pericardial Disease; Masses; Multimodality Imaging**

Case Presentation and Discussion – Cases 12-26

Chairpersons: Drs. Vadim A. Kuznetsov, H. Joachim Nesser and Muhamed Saric

Dr. Aiden Abidov (unusual severe complication of the prosthetic aortic valve endocarditis in a hemodynamic stable patient)
Dr. Harry Acquatella (interesting finding 30 years after an LV aneurysmectomy)
Dr. Mouaz Al-Mallah (interesting case study)
Dr. Luis M. Amuchastegui (lipomatous hypertrophy of the interatrial septum)
Dr. Francisco Cordova (anomalous coronary artery origin in a high-school football player)
Dr. Jean G. Dumesnil (paradoxical low flow and/or low gradient severe aortic stenosis despite preserved LV ejection fraction)
Dr. Vadim A. Kuznetsov (interesting CRT case study)
Bernhard Mumm (cardiac quantification: A new multimodality approach)
Dr. Navin C. Nanda (interesting 3D case study)
Dr. H. Joachim Nesser (strange left ventricle)
Dr. Ryozo Omoto (mass attached to the tricuspid valve in a child)
Dr. Hanumanth K. Reddy (echocardiographic assessment of pulmonary embolism)
Dr. Muhamed Saric (flow in the left coronary artery: forward in utero, backward in adulthood as soon as echocardiography and computed tomography)
Dr. Chittur A. Sivaram (valvular disease)
Dr. Martin St. John Sutton (interesting case study)

10:00 – 10:15 am Break

10:15 – 11:45 am **Session III – Valvar Heart Disease; Endocarditis; Ischemic Heart Disease; Cardiomyopathy; Peripheral Vascular Disease; LV Diastolic Dysfunction; Stress Echo; Cardiac Surgery**

Case Presentation and Discussion – Cases 27-39

Chairpersons: Drs. Brian D. Hoit, AAS Majumder, Vibhuti Singh,

Dr. Roland R. Brandt (a young man with chest pain)

Dr. Premindra A. Chandraratna (implications of acute left ventricular remodeling during squatting stress echocardiography)
Dr. Michael J. Domanski (interesting case study)
Dr. Thor Edvardsen (interesting case study)
Dr. Raimund Erbel (interesting case study)
Dr. Nilda Espinola-Zavaleta (interest case study)
Dr. Brian D. Hoit (interesting case study)
Dr. Rachel Hughes-Doichev (interesting case study)
Dr. Arthur J. Labovitz (interesting case study)
Dr. AAS Majumder (interesting case study)
Dr. Ramdas G. Pai (interesting case study)
Dr. Debasish Roychoudhury (interesting case study)
Dr. Vibhuti Singh (interesting case study)

11:45 am – 1:00 pm **Session IV – 3D TEE; Cardiac Resynchronization Therapy; MRI, CT; Nuclear; Congenital Heart Disease; Anticoagulation; Aortic Disorders; Viability; Masses; Miscellaneous**

Case Presentation and Discussion - Cases 40 - 53
Chairpersons: Drs. Masood Ahmad; Robert W.W. Biederman, and
Mark H. Goldberger

Dr. Masood Ahmad (interesting 3D case)
Dr. Robert W.W. Biederman (interesting case study)
Dr. Reema Chugh (echocardiography in the evaluation of adults with congenital heart disease)
Dr. Anthony Fuisz (unusual CMR case)
Dr. Mark H. Goldberger (interesting case study)
Dr. John Gorcsan, III (interesting case study)
Dr. Richard A. Grimm (echo in cardiac resynchronization therapy)
Dr. Omer Iqbal (new oral anticoagulants)
Dr. Leng Jiang (to cath or not to cath)
Dr. Linda Gillam (a case of facial swelling)
Dr. Ernesto E. Salcedo (3D TEE characterization of a flail mitral valve)
Dr. Roberto M. Saraiva (3D echocardiography and LV torsion in Chagas cardiomyopathy)
Dr. Cynthia Taub (interesting case study)
Dr. Malissa J. Wood (64 y/o male with RV mass)

1:00 pm Adjournment