The 23RD Annual International Conference
on
RECENT ADVANCES IN ECHOCARDIOGRAPHY
March 23 AND 24, 2007

JW Marriott Hotel, 614 Canal Street, New Orleans, Louisiana

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 credit(s)™. 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.

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 Kirklin Clinic, University of Alabama Health Services Foundation, Birmingham, Alabama.

CONFERENCE CO-DIRECTORS:
Pohoey Fan, MD, Assistant Professor of Medicine, University of Alabama at Birmingham, Birmingham, Alabama
Andrew P. Miller, MD, Assistant Professor of Medicine and Associate Director, Cardiology Fellowship Program and Vascular Biology and Hypertension Program, University of Alabama at Birmingham, Birmingham, Alabama

FACULTY:
Osama Abdel-Aziz, MD, Professor of Cardiology, Cairo, Egypt
Kul Aggarwal, MD, Professor of Clinical Medicine and Director, Echocardiography Laboratory, University of Missouri-Columbia and Chief, Cardiology Section, Harry S. Truman Veterans Hospital, Columbia, Missouri
Masood Ahmad, MD, Professor of Medicine and Director, Echocardiography, University of Texas Medical Branch Galveston, Texas
Luis Maria Amuchastegui, MD, Professor of Medicine, National University of Cordoba and Chief, Cardiology Service Hospital Privado, Cordoba, Argentina
Jayant Antani, MD, Cardiologist, Gulbarga, Karnataka State, India
Daniel Areco, MD, Director Cardiology Department, Uruguayan Army Forces Central Hospital, Montevideo, Uruguay
Carlos Armendariz, MD, Professor of Medicine, National University Federico Villareal and Director, Echocardiography Laboratory, National Hospital Hipolito Unanue, Lima, Peru
José Azevedo, MD, PhD, Director, Echocardiography Laboratory, Hospital S. Francesco Kavier, Universidade Nova Lisboa, Lisbon, Portugal
Gani Bajraktari, MD, Professor of Internal Medicine and Head of Second Division of Cardiology, University Clinical Centre of Kosovo, Pristina, Kosovo
Piers C.A. Barker, MD, Assistant Clinical Professor, Pediatric Cardiology and Medical Director, Maternal-Fetal Cardiology, Duke University Medical Center, Durham, NC
P.A.N. Chandraratna, MD, Chief, Cardiology, Long beach VA Medical Center, Long Beach, California
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., Director, Echocardiography, National Heart Centre, Singapore
Hisham Dokainish, MD, Assistant Professor of Medicine and Director, Echocardiography, Baylor College of Medicine, Houston, Texas
Dali Fan, MD, Assistant Professor in Medicine, State University of New York at Stony Brook; Cardiac Imaging Research Group, St. Francis Hospital, Roslyn, New York
Lee J. Frazin, MD, Associate Professor of Medicine, University of Illinois at Chicago and Director, Echocardiography
Friday, March 23, 2007

USING NEWER ECHO TECHNOLOGIES IN CLINICAL DAY-TO-DAY PRACTICE
(Dinner will be provided)

5:00-5:55 pm  Registration
5:55-6:00 pm  Welcome and Course Orientation – Dr. Navin C. Nanda

6:00-6:45 pm  Session I. Special Symposium and Hands-on Workshop on Live/Real Time 3D Transthoracic Echocardiography. Incremental value over 2D echo and how to use in clinical practice in:
- Valvar disease (stenosis, regurgitation, valve prolapse)
- Aortic disorders (aneurysms, dissection)
- Left and right ventricular function (volumes, ejection fraction, mass). LV and RV noncompaction
- Cardiac resynchronization therapy (synchronicity indices)
- Intracardiac masses (thrombi, tumors, vegetations)
- Coronary stenosis evaluation
- Congenital heart disease (ASD, VSD, PDA, complex lesions)
- Demonstration and Hands-on Workshop ("Slicing and Dicing" 3D volume data sets)
  
  **Moderators:** Drs. Navin C. Nanda and Andrew P. Miller  
  **Clinical Specialist:** David Tomberlin, Philips Medical Systems  
  **Presentation:** Dr. Ivan S. Salgo

6:45-7:30 **Session II. Special Mini-Symposium and Workshop on Velocity Vector Imaging and 4D TEE. How To Utilize Them in Day-to-Day Clinical Practice**  
  **Chairpersons:** Drs. Navin C. Nanda, Pohoey Fan and Piers C.A. Barker  
  **Clinical Specialist:** Robert Gutierrez, Siemens Medical Systems  
  **Basics. Current Clinical Applications and Case Studies.**

7:30-8:30 pm **Session III. Special Symposium on Contrast Echocardiography. Focus on clinical day-to-day practice**  
  **Moderators:** Drs. Navin C. Nanda and Natesa Pandian  
  **Basics, contrast agents and applying contrast echo techniques in your practice (Dr. Navin Nanda) - 15 Min**  
  **Using contrast during stress echocardiography (Dr. Mark J. Monaghan) – 15 Min**  
  **Contrast echo in acute coronary syndromes (Dr. Roxy Senior) - 15 Min**  
  **Interesting contrast echo cases:**

8:30-9:30 pm **Session IV. Interesting Case Studies**  
  Each faculty case presenter will be allotted 6 minutes. This will include presentation of pertinent clinical findings, echocardiogram, questions for the audience  
  **Moderators:** Drs. Luis Maria Amuchastegui and Pohoey Fan

- Dr. Masood Ahmad (interesting 3D case study)  
- Dr. Luis Amuchastegui (a different and rare clinical presentation of a left atrial myxoma)  
- Dr. Pohoey Fan (interesting case study)  
- Dr. Kee-Sik Kim (interesting case study)  
- Dr. Andrew Miller (interest case study)  
- Dr. Mark Monaghan (interest case study)  
- Dr. Navin Nanda (interesting case study)  
- Dr. Pasquale Palmiero (left atrial geometry and function)  
- Dr. Natesa Pandian (interesting case study)  
- Dr. Raja Babu Panwar (interesting case study)  
- Dr. Roxy Senior (interesting case study)  
- Dr. Veer Bahadur Singh (interesting case study)

**CASE STUDIES IN ECHOCARDIOGRAPHY**  
Saturday, March 24, 2007

6:30-6:55 am **Registration, Continental Breakfast**  
6:55-7:00 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

7:00-9:00 am **Session V. 3D Echo, Cardiac Masses, Congenital Heart Disease, Coronary Anatomy, Coronary Artery Disease, Endocarditis, Post Intervention, Pulmonary Hypertension, Tissue Doppler Imaging, Strain and Strain Rate, Valvular Heart Diseases, Miscellaneous Case Presentations and Discussion**
Moderators: Drs. Osama Abdel-Aziz, Kul Aggarwal, Brian Hoit, Andrew P. Miller

Dr. Kul Aggarwal (interesting case study)
Dr. Dali Fan (what can PVCs teach us about LV dyssynchrony; what can PVCs teach us about SAM)
Dr. Lee J. Frazier (interesting case study)
Dr. Mark Goldberger (interesting case study)
Dr. John Gorcsan III (interesting case study)
Dr. Brian D. Hoit (interesting case study)
Dr. R.R. Kasliwal (submitral aneurysm)
Dr. Jaroslaw D. Kasprzak (case of rare coronary anatomy)
Dr. Maria Lengyel (three types of intracardiac masses in one patient)
Dr. Makoto Matsumura (mitral regurgitation with fever and cerebral infarction in a patient with chronic renal failure)
Dr. Gerald Maurer (interesting case study)
Dr. Andrew P. Miller (interesting case study)
Dr. H. Joachim Nesser (unusual presentation of myocardial infarction)
Dr. Joel S. Raichlen (interesting case study)
Dr. (Col) C.P. Roy (interesting case of right ventricular mass)
Dr. Squib Samee (strange mass behind the left atrium)
Dr. Sangeeta B. Shah (interesting case study)
Dr. Martin St. John Sutton (four valve endocarditis)
Dr. Zvi Vered (an unusual penetrating tumor and a short update on radial strain)
Dr. Ioannis Vlasserou (interesting case study)
Dr. Raquel Yotti (70-year-old patient with low gradient aortic stenosis and severe mitral regurgitation

9:00-10:00 am Session VI. Aortic Pathologies, Cardiomyopathies, Congenital Heart Disease, Heart Failure, RV Function, Valve Repair and Surgery, Miscellaneous Case Presentations and Discussion Moderators: Drs. Hanumanth K. Reddy, Muhamed Saric and Szilard Voros

Dr. Jose Azevedo (interesting case study)
Dr. Piers C.A. Barker (interesting case study)
Dr. Zee Pin Ding (interesting case study)
Dr. Julius Gardin (interesting case study)
Dr. Kishore Harjai (interesting case study)
Dr. Majesh Makan (interesting case study)
Dr. Sherif F. Naghuei (diastolic heart failure: echocardiographic diagnosis)
Dr. Juan Carlos Plana (69 year old feamil with a heart murmur)
Dr. Hanumanth K. Reddy (echocardiographic monitoring of RV function in patients with cardiogenic shock due to RV MI)
Dr. Gustavo Restrepo (Tak-tsubo cardiomyopathy)
Dr. Muhamed Saric (cardiac situs: when the right isn’t right)
Dr. Szilard Voros (interesting case study)

10:00-10:30 Refreshment break and visit exhibits

10:30-12:00 noon Session VII. 3D Echo, Cardiac Dyssynchrony, Cardiac Masses, Congenital Heart Disease, Constrictive Pericarditis, Critical Care, Endocarditis, Heart Failure, Prosthetic Valves, Pulmonary Hypertension, Restrictive Cardiomyopathy, Valvar Disease, Miscellaneous Case Presentations and Discussion Moderators: Drs. Reema Chugh, Hisham Dokainish, Andres Jaussi

Dr. Jayant Antani (interesting case study)
Dr. Carlos Armendariz (unusual case of heart failure)
Dr. Reema Chugh (echo in management of congenital heart disease in adults)
Dr. Hisham Dokainish (heart failure: is it run-of-the mill?)
Dr. Carlos Garcia del Rio (interesting critical care case)
Dr. Shuping Ge (quantitative real time 3D echocardiography for congenital heart disease)
Dr. Aasha S. Gopal (interesting case study)
Dr. T. Fikret Ilgenli (Ebstein’s anomaly)
Dr. Andres Jaussi (a rare case of a grown-up congenital heart disease)
Dr. Martin G. Keane (an unusual case of prosthetic endocarditis)
Dr. Patrick Han-Chee Kee (interesting case study)
Dr. Itzhak Kronzon (interesting case study)
Dr. Luc Pierard (dynamic mitral regurgitation)
Dr. David Sahn (advanced intracardiac imaging of ablation)
Dr. Ivan Sokol (assessment of symptomatic Ebstein anomaly)
Dr. Cheuk-Man Yu (advances of dyssynchrony imaging)

12:00-2:00 pm  Session VIII. (Luncheon Session).  3D Echo, Cardiac Masses, Contrast Echo, Coronary Artery Disease, Endocarditis, Heart Failure, Peripheral Arterial Disease, Prosthetic Valves, Valvar Heart Diseases, Miscellaneous Case Presentations and Discussion
Moderators:  Drs. Smadar Kort, Sunil Mankad, Vibhuti Singh

Dr. Daniel Areco (unusual cardiac mass)
Dr. Gani Bajraktari (right ventricular myxoma, occluding right ventricular outflow tract, in a young female)
Dr. P.A.N. Chandraratna (cases illustrating a new echocardiographic stress test)
Mr. Gil Hakim (echo-based therapy for refractory angina pectoric patients using shockwaves)
Dr. Leng Jiang (interesting case study)
Dr. Smadar Kort (interesting echo study)
Dr. Kameswari Maganti (interesting case study)
Dr. Judy R. Mangion (echocardiographic manifestations of eosinophilic heart disease)
Dr. Sunil Mankad (interesting case study)
Dr. Wilson Mathias Jr. (interesting case study)
Dr. Navin C. Nanda (interesting case study)
Dr. Nelson Pizzano (interesting case study)
Dr. Athena Poppas (interesting case study)
Dr. Vibhuti Singh (interesting valve disease case study)
Dr. Jeffrey F. Smallhorn (3D echo helps improve the understanding of tricuspid valve dysfunction)
Dr. Fabiola B. Sozzi (tumor with cavoatrial extension)

2:00 pm  Adjournment

We acknowledge educational grants from Biosound Esaote, Bristol-Myers-Squibb, Lippincott Williams & Wilkins, a Wolters Kluwer, Medispec Ltd, Philips Medical Systems, Siemens Medical Systems