

22nd Annual International Conference on Echocardiography and Allied Techniques (MRI, CT Scan, Nuclear): Case Studies and Recent Advances

**MORE THAN 50 SUPER INTERESTING CASES
FROM DIFFERENT INSTITUTIONS WILL BE SHOWN**

Saturday, November 3, 2012

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 2012 as
planned by the AHA Committee on Scientific Sessions Programming**

**The Westin Bonaventure Hotel and
Suites**

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Echocardiography: Case Studies and Recent Advances

Saturday, November 3, 2012
Room: San Francisco

7:00 – 8:00 am Continental breakfast and Registration

7:55-8:00 am Welcome and Introduction - Drs. Navin Nanda and Julius Gardin

CASE STUDIES

Each faculty case presenter will be allotted 8 minutes. This will include presentation of pertinent clinical findings, echocardiogram, questions for the audience and brief discussion.

8:00 – 10:00 am **Session I - Valvar Heart Disease, Ischemic Heart Disease, Transplantation, Heart Failure, Congenital Heart Disease, Prosthetic Valves, Endocarditis, Cardiac Masses, Speckle Imaging, 3D & 4D Echo, Peripheral, Miscellaneous**

Case Presentation and Discussion - Cases 1-13

Chairpersons: Drs. Julius M. Gardin, Kaj Groundstroem, Vadim A. Kuznetsov, Rajat Sanyal

Dr. Aiden Abidov (rare tumors on cardiac MRI); Dr. Mohammed Andaleeb Chowdhury (initial presentation of brucella endocarditis in a previously healthy 18 year old young man); Dr. Lidiette Esquivel (a friendly elbowing during a football (soccer) game?); Dr. Anton R. Fuisz (interesting CMR case); Dr. Julius M. Gardin (interesting case study); Dr. Jaroslaw D. Kasprzak (unusual heart failure scenario); Dr. Vadim A. Kuznetsov (novel approach in detection of coronary artery disease in the outpatient department; combination of isometric exercise and mental stress echocardiography); Dr. Stamatios Lerakis (interesting case study); Dr. Shoa-Lin Lin (hypertrophic myocardium); Dr. Michele Nanna (interesting adult congenital heart disease case); Dr. Vito Maurizio Parato (interesting case study); Dr. Kiran B. Sagar (case of ruptured pulmonary valve); Dr. Rajat Sanyal (in hospital cardiac arrest with acute STEMI with complete neurologic and cardiac recovery with hypothermia protocol)

10:00 – 10:30 Refreshment Break

10:30 – 12:30 pm **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 14-27

Chairpersons: Drs. Nilda Espinola-Zavaleta, Muhamed Saric and Mani A. Vannan

Dr. Rolf Baumann (new feature tracking method for myocardial function in MRI cases); Dr. Marek Belohlavek (echocardiographic particle image velocimetry: An emerging approach for analysis of intracardiac flow efficiency); Dr. Reema Chugh (eyes see what the mind knows); Dr. Nilda Espinola-Zavaleta (mitral prosthetic valve endocarditis); Dr. John Gorcsan III (interesting case study); Dr. Smadar Kort (interesting case study); Dr. Navin C. Nanda (interesting 3D echo case study); Dr. R.B. Panwar (interesting case study); Dr. Gerald M. Pohost (detection of microvascular ischemia using CMR); Dr. Hanumanth K. Reddy (hemodynamic role of atria in CHF); Dr. Muhamed Saric (3D TEE appearance of mitral valve repairs and prostheses); Dr. Lauren A. Simprini (multimodality imaging closes the case); Dr. Chittur Sivaram (interesting case study); Dr. Mani A. Vannan (automated 3D myocardial strain)

12:30 – 1:30 pm Lunch on your own

1:30 – 3:30 pm **Session IV – Congenital Heart Disease, Contrast Echo, Right Ventricle, Valvar Heart Disease, Coronary Artery Disease, Peripheral Vascular Disease, LV Diastolic Dysfunction, Stress Echo, MRI, Cardiac Trauma, Cardiac Surgery**

Case Presentation and Discussion – Cases 28-40

Chairpersons: Dr. Masood Ahmad. Ed Gill and Wilson Mathias Junior

Dr. William J. Stewart (3D TEE of complications of TAVR); Dr. Masood Ahmad (an interesting 3D presentation); Dr. Robert W.W. Biederman (complementary use of echocardiography and cardiac MRI to arrive at a unifying diagnosis); Dr. M. Jay Campbell (interesting case study); Ms. Nathalie De Michelis (how to use 3D echo of the aortic root for interventions); Dr. Thor Edvardsen (interesting case study); Dr. Raimund Erbel (interesting case study); Dr. Ed Gill (interesting case study); Dr. Brian Hoit (interesting case study); Dr. Leng Jiang (interesting case study); Dr. Martin G. Keane (post-traumatic heart failure in a 19 year-old gunshot victim); Dr. Wilson Mathias Junior (interesting case study); Dr. Takahiro Shiota (interesting case study)

3:30 – 5:00 pm Session V –Athletic Heart, Cardiomyopathies, Heart Failure, MRI, CT, Nuclear, Aortic Disorders, Viability, Pericardial Disease, Ischemic Heart Disease, Miscellaneous

Case Presentation and Discussion - Cases 41-49

Chairpersons: Drs. P.A.N. Chandraratna, Rachel Hughes-Doichev and Robert E. Safford

Dr. Sibel Catirli Enar (interesting case study); Dr. P.A.N. Chandraratna (advances in echocardiographic evaluation of pericardial disease); Dr. Jaroslaw Drozd (interesting case study); Dr. Alejandro J. Forero (acute continuous murmur near aortic valve, fast echo can save lives); Dr. Rachel Hughes-Doichev (interesting case study); Dr. Omer Iqbal (interesting case study); Dr. Cesar Nascimento (sinus of valsalva aneurysm? echinococcosis? Pseudoaneurysm (Bantu like) of mitral-aortic intervalvular fibrosa? Rare complication: fistula from dissecting interventricular septum to left ventricle evaluated by CT, NMR in 3D TEE era); Dr. Robert E. Safford (GI bleeding and aortic stenosis); Dr. Cheuk-Man Yu (role of 3D TEE in implantation of LAA occluders)

5:00 pm Adjournment

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