

27th Annual International Conference
on
**RECENT ADVANCES IN
ECHOCARDIOGRAPHY AND ALLIED
TECHNIQUES (MRI, CT SCAN, NUCLEAR)**

Saturday, April 2, 2011

Sheraton New Orleans Hotel, New Orleans, Louisiana

INTERESTING CASE STUDIES
A TOTAL OF OVER **65 CASES** BY OVER **65
FACULTY** ARE EXPECTED TO BE SHOWN

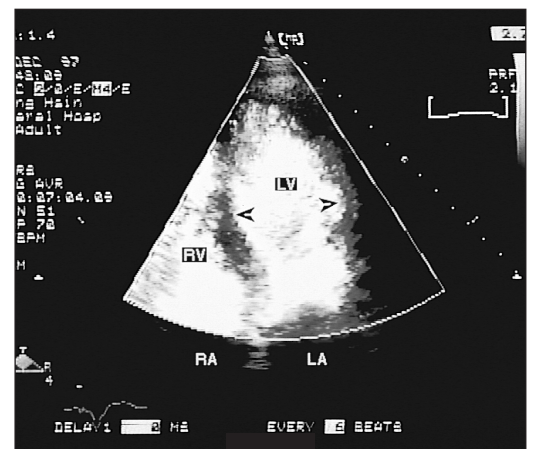
This event is not part of the official ACC Annual Scientific Session and/or the ACC's Innovation in Intervention: i2 Summit in Partnership with the Cardiovascular Research Foundation, as planned by their Program Committees.

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, the International Society of Cardiovascular Ultrasound and the American Association of Cardiologists of Indian Origin



Sheraton
New Orleans Hotel
Armstrong Ballroom –
8th Floor
500 Canal Street
New Orleans, Louisiana
70130
Phone: (504) 525-2500



Symposium Location:

Sheraton New Orleans Hotel
Amstrong Ballroom – 8th Floor
500 Canal Street
New Orleans, Louisiana 70130
Phone: (504) 525-2500

Purpose: This conference is designed to provide a 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, intraoperative, 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. The Conference registration fee is \$65.00 for anyone needing CME certification and no cost if CME certification is not needed. Onsite registration will be taken until 10:00 am. 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, the International Society of Cardiovascular Ultrasound and the American Association of Cardiologists of Indian Origin. 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 8 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 23, 2011 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, phone number and email address (if available). 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 Siemens Medical Solutions USA. 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 Kirklin Clinic, University of Alabama Health Services Foundation, Birmingham, Alabama.

FACULTY:

- Aiden Abidov, MD, PhD**, Associate Professor of Medicine and Radiology, Medical Director, Cardiology at UPHH, Director of Cardiovascular Imaging at UPHH and Associate Director, Cardiovascular Imaging at UMC, University of Arizona, Tucson, Arizona
- Harry Acquatella, MD**, Professor of Medicine, Director of Echocardiography, Centro Medico, Caracas, Venezuela
- Masood Ahmad, MBBS**, Professor of Medicine, Edward D. and Sally M. Futch Professor of Cardiology and Medical Director, Echocardiography Laboratory, University of Texas Medical Branch, Galveston, Texas.
- Mouaz H. Al-Mallah, MD, MSc**, Associate Professor of Medicine, Wayne State University, Detroit, Michigan and Consultant Cardiologist and Division Head, Cardiac Imaging, King Abdul-Aziz Cardiac Center, King Abdul-Aziz Medical City, Riyadh, Kingdom of Saudi Arabia
- Daniel Areco, MD**, Director, Cardiology Department and Chest Pain Unit, Army Forces General Hospital, Montevideo, Uruguay
- Jose Azevedo, MD, PhD**, Director, Echocardiographic Laboratory, Hospital Sao Francisco Xavier, Faculdade de Ciencias Medicas, Universidade Nova de Lisboa, Lisbon, Portugal
- Alberto Baron, MD**, Director of Medical Department and Director of Cardiology, Clinica Marly, Bogota, Colombia
- Thomas Bartel, MD**, Assistant Professor of Medicine, Catheterisation and Echocardiography Laboratories, Medical University Innsbruck, Innsbruck, Austria
- Robert W.W. Biederman, MD**, Associate Professor of Medicine, Drexel University College of Medicine, Director, Cardiovascular MRI, Allegheny General Hospital, and Adjunct Professor of Bioengineering, Carnegie Mellon University, Pittsburgh, Pennsylvania
- Roland R. Brandt, MD**, Director, Echocardiography Laboratory, Kerckhoff Heart Center, Bad Nauheim, Germany
- Reema Chugh, MD**, Cardiologist/Consultant, Adult Congenital Heart Disease and Heart Disease in Pregnancy, Kaiser Foundation Hospitals, Panorama City, California
- Nathalie De Michelis, RN, BSN**, Cardiovascular Program Manager, University of California Irvine Medical Center, Orange, California
- Jean G. Dumesnil, MD**, Professor of Medicine and Cardiologist, Quebec Heart and Lung Institute, Laval University, Quebec City, Quebec, Canada

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Dali Fan, MD, PhD, Beth Israel Medical Center, Albert Einstein College of Medicine, New York, 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

Julius M. Gardin, MD, Professor and Chair, Department of Medicine, Hackensack University Medical Center, Hackensack, New Jersey

Mark H. Goldberger, MD, Assistant Clinical Professor of Medicine, Columbia University College of Physicians and Surgeons, New York, New York

John Gorcsan III, MD, Professor of Medicine and Director of Echocardiography, University of Pittsburgh, Pittsburgh, Pennsylvania

Richard A. Grimm, DO, Director, Echocardiography, Department of Cardiology, Heart & Vascular Institute, Cleveland Clinic, Cleveland, Ohio

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

Rachel Hughes-Doichev, MD, Assistant Professor of Medicine, Drexel University College of Medicine and Director of Echocardiography, Gerald McGinnis Cardiovascular Institute, Allegheny General Hospital, Pittsburgh, Pennsylvania

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Leng Jiang, MD, Professor of Medicine, Tufts University School of Medicine, Boston, Massachusetts and Director of Noninvasive Cardiology, Baystate Medical Center, Springfield, Massachusetts

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

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Allan L. Klein, MD, Director of Cardiovascular Imaging Research and the Pericardial Center, Cleveland, Ohio

Smadar Kort, MD, Professor of Medicine, Director, Non-Invasive Cardiac Imaging and Director, Echocardiography, Stony Brook University Medical Center Health Sciences Center, Stony Brook, New York

Abdullah AS Majumder, MD, Professor of Cardiology and Course Coordinator, National Institute of Cardiovascular Disease, Dhaka, Bangladesh

Majesh Makan, MD, Associate Professor of Medicine and Associate Director, Adult Echocardiography, Washington University/Barnes-Jewish Hospital, St. Louis, Missouri

Amgad N. Makaryus, MD, Assistant Professor, Hofstra North Shore-LIJ School of Medicine, Hofstra University and Director, Echocardiography and Director, Cardiac CT and MRI, Department of Cardiology, North Shore University Hospital, Manhasset, New York

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

Wilson Mathias Junior, MD, Director, Echocardiography, Heart Institute (InCor), The University of Sao Paulo, Sao Paulo, Brazil



PRE-REGISTRATION FOR: 27th Annual International Conference on Recent Advances in Echocardiography, April 2, 2011

Last name	First name	M.	Degree
Street Address			
City	State	Zip code	Country
Specialty		Office Phone	

Fax (required)	E-mail
Fee Schedule (please check)	Registration will not be complete until payment is processed.
<input type="checkbox"/> \$65.00 CME certification needed	Check enclosed/amount \$ _____ or charge my CME portion to
<input type="checkbox"/> \$0.00 no CME certification needed	VISA _____ MasterCard _____ Discover Card _____ AmExpress _____
	Card Number _____ Exp. Date _____
	Signature _____

Pre-registration is requested and payment must be received by March 28, 2011. After March 28, 2011, registration and payment will be taken at the door until 10:00 am.

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 may be used for credit card or free registrations only - FAX -205-934-6747 (confidential/private fax)

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

Virginia Michelis Vázquez, MD, Chest Pain Unit, Army Forces General Hospital, Montevideo, Uruguay

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

Ryozo Omoto, MD, Professor Emeritus and Honorary Director, Saitama Medical University Hospital, Saitama, Japan

Ramdas G. Pai, MD, Professor of Medicine, Director, Heart and Imaging Center, and Director of Valve Clinic, Loma Linda University Medical Center, Loma Linda, California

Pasquale Palmiero, MD, Contract Professor of Cardiology, Chieti University, Chieti, Italy

Natesa G. Pandian, MD, Professor of Medicine and Director, Heart Valve Center, Tufts University Medical Center, Boston, Massachusetts

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

Athena Poppas, MD, Associate Professor of Medicine, Brown University and Director, Echocardiography Laboratory, Rhode Island Hospital, Providence, Rhode Island

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

Hanumanth K. Reddy, MD, Adjunct Clinical Professor of Medicine, University of Arkansas for Medical Sciences, Little Rock, Missouri and Medical Director, Cardiovascular Services, Poplar Bluff Regional Hospital, Poplar Bluff, Arkansas

C.P. Roy, MD, Professor of Cardiology, Director and Head, Department of Medical Education (Cardiology) and Senior Consultant Cardiologist, Max Superspeciality Hospital, Saket, New Delhi, India

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

Muhamed Saric, MD, PhD, Associate Professor of Medicine and Director of Operations, Noninvasive Cardiology, New York University Langone Medical Center, New York, New York

Vibhuti Singh, MD, MPH, Assistant Professor of Medicine, University of South Florida College of Medicine, Tampa, Florida

Vincent L. Sorrell, MD, Professor of Medicine (Cardiology, Radiology, Pediatrics), Director of Echocardiography, University of Arizona and Sarver Heart Center, the Allan C. Hudson and Helen Lovaas Chair of Cardiac Imaging, Tucson, Arizona

Cynthia Taub, MD, Director, Non-invasive Cardiology, Einstein Division Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, New York

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Veronica I. Volberg, MD, Staff, Heart Station/Echocardiography Lab, University of Buenos Aires, Argentina

Szillard Voros, MD, Chief Scientific Officer, Chief, Preventive Cardiology and Medical Director, Cardiac MR and CT, Fuqua Heart Center of Atlanta, Piedmont Heart Institute, Atlanta, Georgia

Gaby Weissman, MD, Assistant Professor of Medicine and Co-Director Cardiac CT/MR, Georgetown University, and Cardiac Imaging, Washington Hospital Center, Washington, D.C.

Malissa J. Wood, MD, Assistant Professor of Medicine, Harvard Medical School and Co-Director, MGH Heart Center Women's Heart Health Program, Massachusetts General Hospital, Boston, Massachusetts

CASE STUDIES IN ECHOCARDIOGRAPHY

Saturday, April 2, 2011

7:00-7:30 am Registration, Coffee/Tea

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, LV, Masses, Myocardial Infarction, Percutaneous Devices, Tissue Doppler Imaging, Valvar Heart Disease, Velocity Vector Imaging, 3D Echo, Miscellaneous.**

Case Presentations and Discussion, Cases 1-21

Moderators: Drs. Daniel Areco, Sunil Mankad, Ramdas Pai, Muhamed Saric, Hanumanth K. Reddy

Dr. Aiden Abidov (interesting MRI case - anatomy and hemodynamics); Dr. Harry Acquatella (interesting case study); Dr. Daniel Areco (What did this heart swallow?); Dr. Roland R. Brandt (interesting case study); Dr. Jean G. Dumesnil (paradoxical low flow and/or low gradient severe aortic stenosis despite preserved LV ejection fraction); Dr. Thor Edvardsen (interesting case study); Dr. Rachel Hughes-Doichev (interesting case study); Dr. Leng Jiang (fatal stroke in a woman with a bio-prosthetic aortic valve); Dr. Madhavi Kadiyala (interesting case study); Dr. Kylliki Karu (What is wrong with this mitral valve prosthesis?); Dr. Allan L. Klein (role of multimodality imaging in pericardial disease); Dr. Majesh Makan (interesting TEE case); Dr. Sunil Mankad (contrast and 3D echo to enhance assessment of the left

	atrial appendage); Dr. Gerald Maurer (interesting case study); Dr. Ryozo Omoto (mass echo of left ventricle in a young patient with syncope); Dr. Ramdas G. Pai (interesting case study); Dr. Athena Poppas (something in the RV?); Dr. Hanumanth K. Reddy (the challenges of adult congenital heart disease); Dr. Muhamed Saric (How do you hunt for Hunter's disease - echocardiographically speaking?); Dr. Jeane Tsutsui (clinical application of contrast echocardiography); Dr. Padmini Vardarajan (interesting case study)	1:00 – 2:00 pm	Lunch on your own
		2:00 – 3:30 pm	Session IV. Cardiomyopathy/Myocarditis, CT/MRI, Congenital Heart Disease, Endocarditis, Heart Failure, Post Intervention, Prosthetic Valves, Pulmonary Hypertension, RV Function, Strain and Strain Rate, Valve Repair and Surgery, 3D Echo.
			Case Presentations and Discussion, Cases 42-53
10:00-10:30	Refreshment break and visit exhibits		Moderators: Drs. Masood Ahmad, Mark H. Goldberger, Bryan D. Hoit and Zvi Vered
10:30-11:30 am	Session II. Biventricular Pacing, Cardiomyopathy/Myocarditis, Coronary Artery Disease, CT/MRI, Echo Quantification, Embolism, LV Diastolic Function, Masses, Post Intervention, Prosthetic Valves, Shunt Lesions, Valvar Heart Disease, 3D Echo.		
	Case Presentations and Discussion, Cases 22-30		Dr. Masood Ahmad (interesting 3D case); Dr. Nilda Espinola-Zavaleta (interesting case study); Dr. Mark H. Goldberger (interesting case study); Dr. Brian D. Hoit (interesting case study); Dr. Elsadig Kazzam (interesting case study); Dr. Amgad N. Makaryus (interesting case study); Dr. Virginia Michelis Vázquez (interesting clinical case); Dr. Vincent L. Sorrell (echo contrast BEYOND left ventricular opacification); Dr. Cynthia Taub (interesting case study); Dr. Klaus Tiemann (interesting case study); Dr. Zvi Vered (a young woman with RV mass and LV dysfunction); Dr. Veronica I. Volberg (interesting case study)
	Moderators: Drs. Robert W.W. Biederman, Andres Jaussi, Natesa G. Pandian, David J. Sahn		
	Dr. Alberto Baron (interesting case study); Dr. Thomas Bartel (2D and 3D echocardiography guiding mitra-clip procedure in functional MR); Dr. Robert W.W. Biederman (Does cardiac MRI help here?); Dr. Richard A. Grimm (utility of echocardiography in cardiac resynchronization therapy); Dr. Andres Jaussi (A train may hide another. A "grown-up congenital" patient); Dr. Smadar Kort (interesting case study); Dr. Navin C. Nanda (interesting contrast echo study); Dr. Natesa G. Pandian (interesting case study); Dr. David J. Sahn (interesting case study)	3:30 pm	Afternoon refreshment break
		3:30 – 5:00 pm	Session V. Cardiomyopathy/Myocarditis, Coronary Aneurysm, Embolism, Endocarditis, Heart Failure, Masses, Myocardial Infarction, Pericardial Disease, Peripheral Arterial Disease, Prosthetic Valves, RV Volume, Systemic Diseases, Trauma, Valvar Heart Disease, Valve Repair, 3D Echo, Miscellaneous.
11:30-1:00 pm	Session III. Aortic Pathologies, Cardiac Dys-synchrony, Congenital Heart Disease, Critical Care, CT/MRI, Masses, Pericarditis, Stress Echo, Valvar Heart Disease, Valve Repair, 3D Echo.		Cases 54-65
	Case Presentations and Discussion, Cases 31-41		Moderators: Drs. Dali Fan, Lee J. Frazin, Julius M. Gardin, and Szilard Voros
	Moderators: Drs. Abdullah A.S. Majumder, Wilson Mathias Junior, Michele Nanna and Vibhuti Singh		Dr. Mouaz Al-Mallah (interesting case study); Dr. Reema Chugh (grown up congenital heart disease: a lifelong odyssey); Dr. Dali Fan (interesting case study); Dr. Lee J. Frazin (interesting case study); Dr. Julius M. Gardin (interesting case study); Dr. Omer Iqbal (left atrial thrombus and new oral anticoagulants); Dr. Chisato Izumi (interesting case study); Dr. Vito Maurizio Parato (interesting case study); Dr. Joel Raichlen (noninvasive LV pressure determination with contrast echocardiography); Dr. (Col) C.P. Roy (cardiac mass); Dr. Szilard Voros (interesting case study); Dr. Malissa J. Wood (interesting case study)
	Dr. Jose Azevedo (interesting case study); Nathalie De Michelis (3D and mitral valve regurgitation); Dr. Raimund Erbel (interesting case study); Dr. John Gorcsan III (interesting case study); Dr. James N. Kirkpatrick (interesting case study); Dr. Abdullah A.S. Majumder (interesting case study); Dr. Wilson Mathias Junior (interesting case study); Dr. Michele Nanna (interesting case of adult congenital heart disease); Dr. Pasquale Palmiero (aortic stiffness, a new way to estimate); Dr. Vibhuti Singh (interesting case study); Dr. Gaby Weissman (interesting case study)	5:00 pm	Adjournment

FUTURE CONFERENCES/COURSES

May 20-22, 2011, **International Conference on Echocardiography and Allied Techniques, Wuhan, P.R. China.** Co-sponsored by the International Society of Cardiovascular Ultrasound (ISCU) and the Chinese Ultrasound Physicians Association. Prof. Xin-Fang Wang, MD, Honorable President, Prof. Navin C. Nanda, International President, Prof. Jie Tang, M.D., President and Prof. MingXing Xie, M.D., Executive President. For further information contact: Dr. MingXing Xie, xiemx64@hotmail.com

September 15-18, 2011, **24th Annual Conference on 2D, Conventional and Color Doppler Echocardiography and Allied Techniques.** Callaway Gardens Resort, Pine Mountain, Georgia. Conference Director: Dr. Navin C. Nanda

September 30-October 2, 2011, **XVI World Congress of Cardiology, Echocardiography and Allied Imaging Techniques, India.** Cosponsored by the Indian Academy of Echocardiography. President: Dr. Satish K. Parashar; Secretary General: Dr. Rakesh Gupta. Website: www.worldcon2011.org

November 12, 2011, **20th Annual International Conference on Echocardiography and Allied Techniques (MRI, CT Scan, Nuclear): Case Studies and Recent Advances in Echocardiography, Venue: tba, Orlando, Florida.** Conference Directors: Drs. Navin C. Nanda, Julius Gardin, Natesa Pandian and David Sahn

March 8-10, 2012, **XVII World Congress of Echocardiography and Allied Techniques, Brazil.** Cosponsored by the Brazilian Department of Echocardiography of the Brazilian Society of Cardiology. Hotel Transamerica, Sao Paulo, Brazil. President: Dr. Wilson Mathias Jr.; Scientific Program Director: Prof. Jeane Mike Tsutsui

For information, contact: Navin C. Nanda, M.D., President, International Society of Cardiovascular Ultrasound, P.O. Box 323, Gardendale, AL 35071, USA. Tel: 205-934-8256; fax: 205-934-6747; E-mail: lindyc@uab.edu Web site: <http://www.iscu.org>

Preceptorship Training in Echocardiography – Transthoracic (including 3D) or Transesophageal Echocardiography (all physicians and technologists), University of Alabama at Birmingham, Birmingham, Alabama. Director: Navin C. Nanda, M.D. Each one-week program emphasizes training in the latest theory, technique and practice of cardiovascular ultrasound examinations with emphasis on either transthoracic, transesophageal or 3-dimensional echocardiography. Fee: Physicians (\$1,000.00), Technologists (\$500.00). For further information contact: Navin C. Nanda, M.D., University of Alabama at Birmingham, Birmingham Alabama. University of Alabama at Birmingham, Heart Station SW/S102, 619 19 Street South, Birmingham, AL 35249-6846. Tel: 205-934-8256; fax: 205-934-6747; E-mail: lindyc@uab.edu