

## FUTURE CONFERENCES

November 3, 2012, 21st Annual International Conference on Echocardiography and Allied Techniques (MRI, CT Scan, Nuclear): Case Studies and Recent Advances in Echocardiography, Venue: tba, Los Angeles, California. Conference Directors: Drs. Navin C. Nanda, Julius Gardin, Natesa Pandian and David Sahn

March 8 or 9, 2013, 29th International Conference on Recent Advances in Echocardiography and Allied Techniques (MRI, CT Scan, Nuclear). Venue: TBA, San Francisco, California. Conference Director: Dr. Navin C. Nanda

May 22-24, 2013, XVIII World Congress of Cardiology, Echocardiography and Allied Imaging Techniques, Riva Marina Resort Congress Center, Brindisi, Italy. Co-sponsored by the Italian Society of Cardiology, Apulian Chapter. President: Dr. Pasquale Palmiero; General Secretary: Dr. Maria Maiello

May 30-June 1, 2014, XIX World Congress of Echocardiography and Allied Techniques, Romania. Cosponsored by the Romanian Society of Cardiology. Honorary President: Prof. Dr. Carmen Ginhina; Executive President, Dr. Ioan Mircea Coman, Secretary: Dr. Bogdan A. Popescu

For further information contact Lindy Chapman, 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

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Jointly sponsored by the University of Alabama School of Medicine, University of Alabama at Birmingham Echocardiography Laboratory, the Georgia Heart Clinic, LaGrange, Georgia and the International Society of Cardiovascular Ultrasound

*Present*

## Twenty-Fifth Annual Conference On 2D, CONVENTIONAL AND COLOR DOPPLER ECHOCARDIOGRAPHY

**ALSO, TRANSESOPHAGEAL, STRESS, CONTRAST,  
TISSUE DOPPLER/SPECKLE AND THREE/FOUR-  
DIMENSIONAL ECHOCARDIOGRAPHY**

**October 11-14, 2012**

Conference Director:  
Navin C. Nanda, M.D.



**The Lodge Conference Center  
Callaway Gardens Resort  
U.S. Highway 18  
Pine Mountain, Georgia  
(Outside Atlanta)  
Phone: 706-663-2281**

NOTE: Conference meeting will be held in the  
The Lodge Conference Center inside the Entrance  
to The Gardens at Callaway

## NOTE Symposium Location at

### Callaway Gardens:

The Lodge Conference Center  
Located inside the Entrance to The Gardens at Callaway. Enter the Gardens entrance on Ga. Hwy. 18, take the first left indicating Golf Course and Lodge/Spa Hotel, then take the next left. This will take you to the The Lodge Conference Center. See Map under Directions to Callaway

### ACCREDITATION:

The University of Alabama School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Alabama School of Medicine designates this educational activity for a maximum of 23.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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, Georgia Heart Clinic, Lagrange, GA and the International Society of Cardiovascular Ultrasound.

### PURPOSE:

This conference is designed to provide a comprehensive review of echocardiography with emphasis on valvular stenosis, intracardiac hemodynamics, myocardial viability, valvular regurgitation, cardiomyopathy, prosthetic valves, aortic disorders, LV systolic and diastolic function, Doppler tissue and speckle imaging, transesophageal, contrast, and 3 and 4 dimensional echocardiography. The thrust throughout will be on movie and slide presentations demonstrating interesting case studies to illustrate various concepts, measurements and parameters used in two-dimensional, conventional, color Doppler, transesophageal, tissue Doppler, speckle tracking, strain and strain rate, and 3 and 4 dimensional echocardiography. Emphasis will also be on the role of these modalities in clinical diagnosis and management of patient problems. A faculty of internationally renowned experts has been assembled for

this conference. Patient Demonstration sessions will be organized to provide practical equipment training to satisfy the individual needs of the participants. Echocardiography equipment from several manufacturers is expected to be available for this purpose. Although the course is designed mainly for physicians, we invite technologists, nurses and other health professionals to register. There are no special prerequisites for this course. The registration fee is \$495.00 for physicians and \$340.00 for non-physicians and physicians-in-training (includes all breakfasts, lunches and refreshment breaks).

### OBJECTIVES:

We expect the attendees to ◆ acquire and enhance their knowledge of various aspects of echocardiography including 2D echo, conventional and color Doppler, transesophageal echo, contrast echo, 3D/4D echo and tissue Doppler and speckle tracking echocardiography ◆ learn the indications and clinical usefulness of various aspects of echocardiography ◆ learn the limitations of echocardiography and how other non-invasive techniques, such as MRI and CT scan can supplement echocardiography

### FACULTY

**Navin C. Nanda, MD, Conference Director**, Distinguished Professor of Medicine and Cardiovascular Disease and Director, Heart Station/Echocardiography Laboratory, University of Alabama at Birmingham, Birmingham, Alabama

**Robert B. Copeland, MD, Conference Co-Director**, Medical Director, Department of Cardiovascular Medicine, West Georgia Health, Lagrange, Georgia

**Kunal Bodiwala, MD**, Instructor in Medicine, University of Kentucky – Gill Heart Institute, Division of Cardiovascular Medicine, Lexington, Kentucky

**Alexander Gedevisnashvili, MD**, Director of Echocardiography, Georgia Heart Clinic, Lagrange, Georgia

**Izhak Kronzon, MD**, Associate Chairman, Director, Cardiac Imaging, North Shore LIJ/Lenox Hill Hospital, New York, New York

**Gautam Kumar, MBBS, MRCP(UK)**, Assistant Professor of Medicine, Emory University, and Staff Physician, Cardiology, Emory University/Atlanta Veterans Administration Medical Center, Atlanta, Georgia

**Suniti V. Mankad, MD**, Associate Professor of Medicine, Director, Transesophageal Echocardiography, Mayo Clinic Foundation, Rochester, Minnesota

**Randolph Martin, MD**, Medical Director, Cardiovascular Imaging, Chief, Valvular & Structural Heart Disease, Piedmont Heart Institute and Professor Emeritus of Medicine, Emory University School of Medicine, Atlanta, Georgia

**Elizabeth O'Hill, MD**, Professor of Medicine, Chief of Cardiology, Director of the Clinical Research Center and Associate Dean of Clinical Research, Morehouse School of Medicine, Atlanta, Georgia

**Sumanth D. Prabhu, MD**, Professor of Medicine, Director, Division of Cardiovascular Disease, Mary G. Waters Chair of Cardiovascular Medicine, University of Alabama at Birmingham, Birmingham, Alabama

**Muhammed Saric, MD**, Associate Professor of Medicine and Director, Echocardiography Lab, New York University, New York

**Vincent L. Sorrell, MD**, Professor, Department of Internal Medicine/Radiology, Associate Chief, Division of Cardiovascular Medicine and Director of Cardiovascular Imaging, University of Kentucky Gill Heart Institute, Lexington, Kentucky

### ACKNOWLEDGMENTS

We acknowledge educational grants from: Phillips Healthcare, Siemens Healthcare. Other educational grants received will be acknowledged at the conference.

### Cancellation Statement:

There will be a \$50.00 cancellation fee prior to October 1, 2012. After that date there will be no refunds. Telephone cancellations will not be accepted. Letters of cancellation must include registrant name, home address and social security number and be sent to Lindy Chapman, University of Alabama at Birmingham, Heart Station SW/S102, 619 S. 19 Street, Birmingham, AL 35249. Your refund, less the \$50.00 cancellation fee, will be sent 4-6 weeks following the course dates. UAB reserves the right to cancel this course without prior notice due to unforeseen circumstances.

### CALLAWAY GARDENS RESORT

Callaway Gardens Resort, a family-oriented, world-famed botanical garden and resort, is an hour south of Atlanta on U.S. Highway 27 in Pine Mountain, Georgia. It offers conference participants one of the most beautifully exciting resort experiences in America. Callaway Gardens spreads over 12,000 acres of woodland and plant life unique horticultural display of flowers and plant life woven amid lakes, meadow and forest lands. Also included is a unique Butterfly House. Within this gorgeous floral wonderland are superb sports – golf year-round is available on four courses, tennis, racquetball, a DP Fit For Life Fitness Center and miles of trails for bicycling and hiking as well as fishing and hunting. The world's longest manmade inland white sand beach, Robin Lake, offers summer swimming, boating, and water skiing. Riverboat and miniature train rides, paddle boats, mini-golf, and other amusements are available. Three swimming pools (seasonal) are available to Callaway's guests. Renowned for its authentic Southern country cooking, Callaway Gardens' resort restaurants feature foods prepared with fresh picked Gardens-grown produce. The Plant Room at the Inn is famous for elaborate buffets of regional specialties. The Country Kitchen is known for its "hearty" Southern cooking.

# Twenty-Fifth Annual 2D, Conventional and Color Doppler Echocardiography

(Also, Transesophageal, Stress, Contrast, Tissue Doppler/Speckle and Three-Dimensional Echocardiography).

## October 11-14, 2012

## Callaway Gardens, Pine Mountain, Georgia

### THURSDAY, October 11, 2012

#### The Lodge Conference Center

The emphasis throughout will be on movie and slide presentations demonstrating interesting case studies to illustrate concepts, measurements and parameters used in various aspects of echocardiography.

1:00-2:00 pm Registration

1:55-2:00 Welcome and Introduction: Drs. Navin C. Nanda and Robert Copeland

#### SPECIAL SESSION FOR BEGINNERS and REVIEW FOR OTHERS

Chairpersons: Drs. Robert Copeland and Vincent L. Sorrell

2:00-2:30 How to do a systematic comprehensive transthoracic two-dimensional and conventional and color Doppler echocardiographic examination. Instrument settings and transducers. Various "standard" and "non-standard" planes. Importance of right parasternal and supraclavicular/intraclavicular examination. Pitfalls and how to avoid them. Review of normal and selected pathologies. What measurements are important? Quality Control. **Dr. Vincent L. Sorrell**

2:30-2:35 Questions from the audience

2:35-2:55 How to do a comprehensive live/real time transthoracic three-dimensional echocardiographic examination. Pitfalls and how to avoid them. ISCU recommendations for displaying 3D images. **Dr. Navin C. Nanda**

2:55-3:00 Questions from the audience.

3:00-3:20 How to do a contrast echo study. Basics and interaction between ultrasound and microbubbles. **Dr. Vincent L. Sorrell**

3:20-3:25 Questions from the audience

3:25-3:45 How to do tissue Doppler and speckle tracking examination. Radial, transversal, longitudinal and circumferential strain. Strain rate. Rotation, Twist and Torsion. **Dr. Navin C. Nanda**

3:45-3:50 Questions from the audience

3:50-4:15 How to do a systematic 2D and 3D transesophageal echocardiographic examination in the a) Echo Laboratory/patient bedside, and b) Operating room. Prerequisites, How to get started. "Standard" and "Non-Standard" image planes. Identification of various anatomic structures. Indications and contraindications. Pitfalls and Artifacts. **Dr. Muhamed Saric**

1:00-1:10 pm Questions from the audience

1:10-2:00 pm Luncheon provided by the Conference

#### HEMODYNAMICS BY DOPPLER. INTERESTING CASES

Chairpersons: Drs. Alexander Gedevisishvili and Itzhak Kronzon

2:00-2:45 Comprehensive hemodynamic evaluation by Doppler echocardiography - The Non-Invasive Cardiac Catheterization. Assessment of stroke volume, cardiac output and intracardiac pressures. - **Dr. Itzhak Kronzon**

2:45 - 3:15 Interesting Cases - **Dr. Kunal Bodiwala**

3:15 - 3:30 Refreshment break

3:30 - 6:00 Patient Demonstrations. Patients will be arranged by the Georgia Heart Clinic. Drs. Robert Copeland, Alexander Gedevisishvili, and Itzhak Kronzon

### SATURDAY, October 13, 2012

#### CONGENITAL HEART DISEASE; HYPERTROPHIC CARDIOMYOPATHY; INFECTIVE ENDOCARDITIS; INTERESTING CASES; MYOCARDIAL VIABILITY

Chairpersons: Drs. Sunil Mankad and Navin C. Nanda

7:30-8:00 am Continental Breakfast

8:00-8:30 Timing of surgery in infective endocarditis - **Dr. Sunil Mankad**

8:30-8:35 Questions from the audience

8:35-9:05 Congenital heart disease in adults - **Dr. Muhamed Saric**

9:05-9:10 Questions from the audience

9:10-9:40 Echo in hypertrophic cardiomyopathy - **Dr. Sunil Mankad**

9:40-9:45 Questions from the audience

9:45-10:15 Refreshment Break

10:15-10:45 Multimodality imaging to assess for myocardial viability - **Dr. Vincent L. Sorrell**

10:45-10:50 Questions from the audience

#### INTERESTING AND INSTRUCTIVE CASE STUDIES (including stress echo cases)

Chairperson: **Dr. Navin C. Nanda**

10:50-11:20 **Dr. Navin C. Nanda**

11:20-11:50 **Dr. Sunil Mankad**

11:50-12:20 **Dr. Muhamed Saric**

12:20-12:50 **Dr. Itzhak Kronzon**

12:50-1:10 Questions from the audience

1:10 Adjournment.

### DIRECTIONS to Callaway

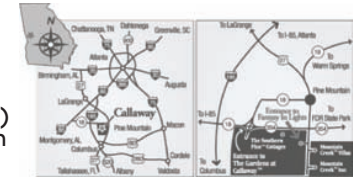
If you are staying at the Mountain Creek Inn or the Mountain Creek Villas, your check in site will be at the Mountain Creek Inn on U. S. Hwy. 27 (see map). If you are staying at the Lodge and Spa, you will enter the Gardens entrance on Ga. Hwy. 18. Enter and take the first left (before the gated entrance), then take the next left. This will take you to the The Lodge Conference Center and the check-in desk is inside the lobby.

To check in for the Cottages, please confirm with Callaway Gardens Reservations (1-800-225-5292) the location for check in and also the times. After hours is at the Mountain Creek Inn check in mentioned above.

Albany, GA (110 miles) Take U. S. Hwy. 82 North to Ga. Hwy 55 North to U. S. Hwy. 280 to Columbus. In Columbus take Interstate 185 North to Ga. Hwy. 18 East. Go to one of the two check-in sites mentioned above.

Atlanta, GA (70 miles) Take Interstate 85 South to Interstate 185 South. Exit at U. S. Hwy. 27. Follow Hwy. 27 South to Pine Mountain. Go to one of the two check-in sites mentioned above.

Birmingham, AL (150 miles) - Take U.S. Hwy. 280 East to Opelika and take Interstate 85 North to Ga. Hwy. 18 (exit 2). Go to one of the two check-in sites mentioned above.



Columbus, GA (30 miles) Take Interstate 185 North to Ga. Hwy. 18 East. Go to one of the two check-in sites mentioned above.

Macon, GA (80 miles) Take U. S. Hwy. 80 West to Ga. Hwy. 208 West to U. S. Hwy. 27 North. Go to one of the two check-in sites mentioned above.

Montgomery, AL (110 miles) Take Interstate 85 North to Ga. Hwy. 18 East. Go to one of the two check-in sites mentioned above.

**Car Rental Agencies** have special weekend rates available. Contact the car rental agencies through their toll-free numbers for their rates. Since some of the well known sightseeing places in the Resort are not within easy walking distance, many find it convenient to rent cars at the Atlanta Airport. This also facilitates transportation between the Resort and the Atlanta airport.

### TRANSPORTATION

Callaway Gardens Resort is located on U.S. Highway 27 in Pine Mountain, Georgia, 60 minutes southwest of Atlanta and 30 miles north of Columbus, both of which are served by major airlines. We recommend that you have a car with you to best enjoy the facilities at Callaway Gardens.



- 4:15-4:20 Questions from the audience  
 4:20-4:30 Refreshment break  
 4:30-6:15 Patient Demonstrations. Patients will be arranged by the Georgia Heart Clinic. Drs. Robert Copeland, Alexander Gedevanishvili, Navin Nanda, Muhamed Saric, and Vincent L. Sorrell  
 6:15-8:00 Dinner - on your own

**POST-DINNER SESSION ON INTERESTING CASES**

**Chairperson: Dr. Vincent L. Sorrell**

- 8:00-9:30 pm Echo Millionaire. Dr. Vincent L. Sorrell with assistance from Drs. Navin C. Nanda, Muhamed Saric and Kunal Bodiwala. Case presentation by Dr. Gautam Kumar.

**FRIDAY, October 12, 2012**

- 7:30-8:00 am Continental Breakfast

**AORTIC ATHEROSCLEROSIS; CARDIAC CT AND MRI; CONSTRICTIVE PERICARDITIS; EVALUATION OF ATHLETES; PERCUTANEOUS INTERVENTIONS; RV FUNCTION; TAVI; VALVAR STENOSIS AND REGURGITATION**

**Chairpersons: Drs. Alexander Gedevanishvili and Muhamed Saric**

- 8:00-8:30 Aortic atherosclerosis - from echo features to clinical syndromes. Dr. Itzhak Kronzon  
 8:30-8:35 Questions from the audience  
 8:35-9:05 Update on echo evaluation of mitral and aortic stenosis. Low stroke volume, severe aortic stenosis. Use of BNP markers and statins. Dr. Muhamed Saric  
 9:05-9:10 Questions from the audience  
 9:10-9:40 2D and 3D echo evaluation of mitral and aortic regurgitation severity. Pitfalls and how to overcome them. Dr. Navin C. Nanda  
 9:40-9:45 Questions from the audience  
 9:45-10:15 Refreshment Break  
 10:15-10:45 Use of 3D TEE to guide percutaneous/interventions - TAVI. Dr. Muhamed Saric  
 10:45-10:50 Questions from the audience  
 10:50-11:20 How to evaluate competitive athletes. Dr. Itzhak Kronzon  
 11:20-11:25 Questions from the audience  
 11:25-11:40 An introduction to the value of cardiac CT and MR for the referring physician. Dr. Vincent L. Sorrell  
 11:40-11:45 Questions from the audience  
 11:45-12:15 Constrictive pericarditis - echo features and differential diagnosis. Dr. Itzhak Kronzon  
 12:15-12:20 Questions from the audience  
 12:20-1:00 Special Lecture: LVAD: Indications and pathophysiology. Dr. Sumanth D. Prabhu

**SUNDAY, October 14, 2012**

**CARDIAC SOURCES OF EMBOLISM; CONTRAST ECHO; DIASTOLIC FUNCTION; INTERESTING CASES**

**Chairpersons: Drs. Sunil Mankad, Elizabeth Ofili and Navin Nanda**

- 7:30-8:00 am Continental Breakfast  
 8:00-8:30 Transesophageal echo assessment of cardiac sources of embolism. What is new? Dr. Elizabeth Ofili  
 8:30-8:35 Questions from the audience  
 8:35-9:05 Update on echo evaluation of LV diastolic function in patients with normal LV systolic function: Pitfalls and how to avoid them. Dr. Sunil Mankad  
 9:05-9:10 Questions from the audience  
 9:10-9:40 Clinical usefulness of contrast echocardiography - Dr. Navin C. Nanda  
 9:40-9:45 Questions from the audience  
 9:45-10:10 Refreshment Break

**"THE FAMOUS RANDY MARTIN SESSION"**

**Chairperson: Dr. Randolph Martin**

- 10:10-12:45 Interesting and instructive case studies illustrating aortic disorders, endocarditis, pericardial diseases, cardiomyopathy and LV dysfunction. Dr. Randolph Martin  
 12:45-1:00 pm Questions from the audience  
 1:00 pm Adjournment

**HOTEL INFORMATION**

The code for reservations under the conference block of rooms is **UAB Echo Course**.

For reservations at Mountain Creek Inn and the Cottages (both Callaway Gardens), call 1-800-225-5292 or outside the United States call 1-706-663-2281. For reservations at The Lodge and Spa attached to the Lodge Conference Center call 1-888-312-8006 (Marriott reservations).

One night's deposit will be required to confirm the reservation. After September 10, 2012 rooms will be on space available basis only. Note: Check with either Callaway Gardens or Marriott regarding their cancellation and refund policy.

**Pre-Registration for: 25th Annual Conference on Echocardiography, October 11-14, 2012**

Last name \_\_\_\_\_ First name \_\_\_\_\_ M. \_\_\_\_\_ Degree \_\_\_\_\_

Street Address \_\_\_\_\_ Zip code \_\_\_\_\_ Country \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Office Phone \_\_\_\_\_

Specialty \_\_\_\_\_ E-mail \_\_\_\_\_

Fax (required) \_\_\_\_\_

**Fee Schedule (please check)**  
 \_\_\_\_\_ \$495.00 physician \_\_\_\_\_ \$340.00 non-physicians / physicians-in-training \_\_\_\_\_ or charge my credit card:  
 Payment must accompany registration.

**Cancellation Policy** (Refer to Cancellation Statement for procedure): \$50.00 cancellation fee. Pre-registrations and payments must be received by 10/5/2012. After 10/5/2012, fax registration to 205-934-6747 and payment will be received on site.

Registration will not be complete until payment is processed.  
 Check enclosed/amount \$ \_\_\_\_\_ or charge my credit card:  
 VISA \_\_\_\_\_ MasterCard \_\_\_\_\_ Discover Card \_\_\_\_\_ Am Ex \_\_\_\_\_  
 Card Number \_\_\_\_\_ Exp. Date \_\_\_\_\_  
 Signature \_\_\_\_\_

**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. Phone: 205-934-8256 or 1-800-UAB-MIST; For registration paid by credit card, private Fax: 205-934-6747.**