

## Sights & Sounds of Echocardiography

In the Heart of the Big Apple

May 22-25, 2014

Sonographer and Physician Credits! 24.5 CME Credits

REDUCED REGISTRATION RATES FOR SONOGRAPHERS AND FELLOWS IN TRAINING

### Program Directors:

Itzhak Kronzon, M.D., FESC, FACC, FAHA, FASE, FACP Bijoy K. Khandheria, M.D., FESC, FACP, FAHA, FACC, FASE Smadar Kort, M.D., FACC, FASE Roberto Lang, M.D., FASE, FACC, FAHA Muhamed Saric, M.D., PhD, FACC, FASE

### **NEW FOR 2014**

In the reading room
Computer based learning
Review for ASE examination
How to get your laboratory accredited

### Jointly Sponsored By:

The School of Medicine, State University of New York at Stony Brook and MedMeetingsEtc, Ltd

### In Cooperation With:

Aurora Cardiovascular Services, Milwaukee, WI
IAC - Intersocietal Accreditation Commission
Lenox Hill Hospital, New York, NY
New York State Chapter, American College of Cardiology

### Presented at:

Sheraton Hotel, New York, NY

### Focus:

### Topics to be covered

- Hemodynamics
- Structural Heart Disease new guidelines, TAVR, MITRACLIP, LAA OCCLUDER.
- · Myocardial, Pericardial disease
- Advanced Heart Failure LVAD
- · Contrast Enhanced Imaging
- · 3D Imaging
- New Guidelines

### **GENERAL INFORMATION**

### **Program Overview**

Sights and Sounds of Echocardiography in the Heart of the Big Apple is a premier education venue for echocardiologists, sonographers, fellows in training and cardiologists in clinical practice. The program is being redesigned yearly to accommodate the evolving needs of inquisitive attendees.

Topics include basic and advanced quantitative Doppler hemodynamics, Structural heart disease - state-of-the-art, clinical applications of transesophageal echocardiography, diastology and myopericardial diseases. Special Workshops are offered to facilitate learning of 3D imaging and myocardial mechanics. Unique to 2014 is a workshop on accreditation in collaboration with IAC, Read with the experts – small sessions interpretation for physicians and acquisition for sonographers and board review type of topics

*Unique Features:* Workshops which encourage one-on-one interaction. Efforts will be made to introduce the clinical applications using new technology, however, there is no hands-on experience provided. Detailed electronic syllabus materials will be provided. There will be liberal use of cases to make specific points. Case based approach to problems will be the major theme

### **Program Goals:**

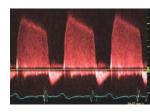
- Present established and emerging ultrasound imaging modalities and integrate information from these modalities in a cogent manner for point of care decision making
- Present information that thematically focuses on integrated, multidisciplinary approach as an effective way to provide high quality care
- Present recent advances in the diagnosis and treatment of cardiovascular disease to cardiovascular specialists and related health care professionals
- Provide opportunity for interaction among experts and practitioners in question and answer sessions related to daily practice.

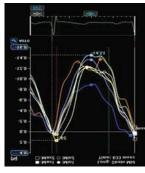
### **Learning Objectives:**

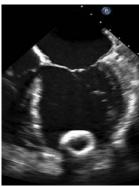
- Incorporate 2D/3D echocardiography/Doppler information in clinical decision-making transforming information to knowledge
- Apply state-of-the-art practice of obtaining myocardial mechanics information for application into clinical practice
- Quantitatively assess Doppler and color flow imaging
- Assess LV function quantitatively (volumes, mass and EF)
- Recognize the usefulness of Doppler for assessing hemodynamics and diastolic function
- Describe the value and limitations of contrast echocardiography
- Summarize the technology, indications and clinical uses of TEE
- · Identify roles of cardiovascular ultrasound for structural heart disease
- Apply ASE/ACC/AHA guidelines for valvular heart disease
- Apply knowledge of 3D echocardiography into clinical practice
- Able to apply for IAC accreditation of the laboratory

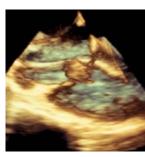
### Who Should Attend

The program is designed for adult and pediatric cardiologists, cardiovascular surgeons, anesthesiologists, radiologists, nurses, sonographers and fellows in training. Participants should have practical knowledge of echocardiography.









### **Syllabus**

Course materials will be available online to download approximately one week post conference. No paper syllabus will be provided.

### Fee

Early registration savings of \$100 in each member category! See the application for details. Your registration fee will be confirmed by mail. The registration fee includes tuition, online course syllabus, continental breakfasts, break refreshments, and lunches. The deadline to register in advance is **May 16, 2014**. After this date, individuals must register at the onsite rate.

### **Cancellations**

Because of advance planning requirements, a full refund will be given if you cancel in writing at least four weeks before the first day of the program. A full refund minus a \$150 processing fee will be given for written cancellations received fewer than four weeks before the first day of the program (Monday, April 21, 2014). No refund will be given for no-shows or for a one-day registration.

In the unlikely event that the program is canceled, course registration fees will be refunded, less a \$150 processing fee; however, neither The School of Medicine, State University of New York at Stony Brook nor MedMeetingsEtc. Ltd. are responsible for any travel or hotel costs you may incur.

### Credit

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 School of Medicine, State University of New York at Stony Brook and MedMeetingsEtc.Ltd. The School of Medicine, State University of New York at Stony Brook is accredited by the ACCME to provide continuing medical education for physicians.

The School of Medicine, State University of New York at Stony Brook designates this live activity for a maximum of 24.5 *AMA PRA Category 1 Credits*<sup>TM</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

*Disclosure Policy:* All those in control of the content of its CME activities (planners, speakers, authors) sponsored by the School of Medicine are expected to disclose any real or apparent conflict of interest to the content of the educational Program.

All commercial relationships that create a conflict with the planners, speakers and authors control of content must be resolved before the educational activity occurs.

### Americans with Disabilities Act

Event staff will be glad to assist you with any special needs (i.e., physical, dietary, etc.) Please contact Denise Mezydlo prior to the live event at (414) 649-5616

### **Educational Grants**

This activity is supported in part by unrestricted educational grants from various commercial firms. At the time of printing, a complete list of supporters was not available. Appropriate acknowledgment of support will be provided at the time of the activity.

### Lodging

### **Sheraton New York**

811 7<sup>th</sup> Avenue 53<sup>rd</sup> Street, New York, NY 10019 1-800-325-3535

Sheraton New York is located on 7th Avenue between 52nd and 53rd Streets in midtown Manhattan. Just steps from the excitement of Broadway theatres, prestige of Carnegie Hall and world-class shopping of Fifth Avenue -



our location is the perfect way to immerse yourself in the best that New York has to offer.

To secure your room at the New York Sheraton please 1-800-325-3535 and state that you will be attending the Echo program. The room rate is \$284.00 single/double a night. When you make your reservation, please be sure to ask about any additional fees, early departure fees, or cancellation penalties. The room block is scheduled to be held until however, may be sold out before this date. Therefore, we advise you to register for the program and reserve lodging as soon as possible. Or register online: <a href="https://www.starwoodmeeting.com/Book/Sights">https://www.starwoodmeeting.com/Book/Sights</a>. In the event a guest checks out prior to the guest's reserved checkout date, an early departure fee of \$50 will be charged to that guest's individual account. Guests wishing to avoid this fee must advise hotel at or before check-in of any change in scheduled length of stay.

*Note*: There is an automatic \$6.75 union baggage handling charge round trip (in/out) per person per bag. Check-in time is 3:00 p.m. Check-out time is 12:00 p.m. noon.

For further information regarding the area and its attractions, please contact the New York Visitor Bureau at: <a href="http://www.nycvisit.com">http://www.nycvisit.com</a>

We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us better serve you.

### **Transportation**

The best transportation in New York is taxi and subway stations. Parking in New York has an additional cost at each location.

### Please Note

Smoking is prohibited in all meeting rooms.

### **Program Directors**

Itzhak Kronzon, MD, FACC, FACP, FASE, FAHA, FESC

Associate Chairman, Director, Cardiac Imaging Department of Cardiovascular Medicine, Lenox Hill Heart and Vascular Institute, New York, NY

Bijoy K. Khandheria, MD, FESC, FACP, FAHA, FACC, FASE

Past President, American Society of Echocardiography; Director, Echocardiography Services Aurora Medical Group, Aurora Cardiovascular Services, Aurora St. Luke's Medical Center, Milwaukee, WI

Smadar Kort, MD, FACC, FASE

Governor, American College of Cardiology Downstate New York, President, The NY Cardiological Society, Professor of Medicine, Director of Non-Invasive Cardiac Imaging, Director Echocardiography, Stony Brook University Medical Center, Stony Brook, NY

Roberto M. Lang, MD, FASE, FACC, FESC, FAHA, FRCP

Professor of Medicine and Radiology Past President of the American Society of Echocardiography Director Noninvasive Cardiac Imaging Laboratories Section of Cardiology Department of Medicine, University of Chicago Medical Center, Chicago, Il

Muhamed Saric, MD, PhD, FACC, FASE

Director of Echocardiography Lab, Associate Professor of Medicine, Leon H. Charney Division of Cardiology, New York University Langone Medical Center, New York,

### **Faculty**

Suhail Allaqaband, M.D., FACC, FSCAI, FCCP Clinical Associate Professor of Medicine; Aurora Cardiovascular Services, Aurora Health Care, Milwaukee, WI

Farooq A. Chaudhry MD, FACP, FACC, FASE, FAHA Professor of Medicine: Director, Echocardiography Laboratories Associate Director, Mount Sinai Heart Network Icahn School of Medicine at Mount Sinai Zena and Michael A. Wiener Cardiovascular Institute and Marie-Josée and Henry R. Kravis Center for Cardiovascular Health

Steven A. Goldstein, MD, FACC Director, Noninvasive Cardiology, Washington Hospital Center, Washington, DC

Anna Hamza, RDCS

Clinical Sonographer, Echocardiography Laboratory, Lenox Hill Hospital, New York, NY

Laura S. Johnson, RDCS

Clinical Sonographer, Cardiovascular Ultrasound Imaging and Hemodynamic Laboratory Aurora Cardiovascular Services, Milwaukee, WI

Christopher J. Kramer, BA, RDCS

Clinical Sonographer, Cardiovascular Ultrasound Imaging and Hemodynamic Laboratory Aurora Cardiovascular Services, Milwaukee, WI

Jagat Narula, MD, PhD, MACC

Philip J. and Harriet L. Goodhart Chair in Cardiology. Professor of Medicine. Associate Dean for Global Health. Mount Sinai School of Medicine Director, Cardiovascular Imaging Program Zena and Michael A. Wiener Cardiovascular Institute and Marie-Josée and Henry R. Kravis Center for Cardiovascular Health

Gila Perk, MD, FACC, FASE

Associate Director, Echocardiography Laboratory Lenox Hill Interventional Cardiac and Vascular Services, Lenox Hill Hospital, New York, NY

Carlos E. Ruiz, MD PhD

Chief of the Division of Structural & Congenital Heart Disease, Department of Interventional Cardiology at Lenox Hill Hospital Daniel Spevack, MD, FASE, FACC

Director, Noninvasive Cardiology, Montefiore Medical Center - Moses Campus, Associate Professor of Medicine - Albert Einstein College of Medicine

A. Jamil Tajik,, MD, FACC, FAHA
Professor Emeritus, Thomas J. Watson, Jr.
Professor of Medicine, Mayo Clinic,
Rochester, MN; Associate Program Director,
Cardiovascular Disease Fellowship, Aurora
Health Care, Consulting Cardiologist, Aurora
St. Luke's Medical Center, President, Aurora
Cardiovascular Services, Aurora Health Care,
Milwaukee, WI

Vinay Thohan, MD, FACC, FASE
Advanced Heart Failure Therapies
Medical Director Advanced Cardiac Care/
Heart Transplant/VAD Programs.
Aurora Cardiovascular Services. Aurora
Health Care, Milwaukee

Matt M. Umland RDCS, FASE

Echocardiography Quality Coordinator, Advanced Clinical and Research Sonographer, Cardiovascular Ultrasound Imaging and Hemodynamic Laboratory Aurora Health Care, Milwaukee,

Neil J. Weissman, M.D., FACC, FASE President, MedStar Health Research Institute and Professor of Medicine, Georgetown University

### **Guest Faculty**

Beverly Gorman, RDCS

Director of Accreditation – Echocardiography ICAEL, Ellicott Maryland

Fernade Peters, MD

Director Echocardiography Chris Hani Baragwanath Academic Hospital, University of the Witwatersrand

### PROGRAM SCHEDULE

### Sights & Sounds of Echocardiography

In the Heart of the Big Apple

All sessions will be held at the **New York Sheraton Hotel**.

811 7th Avenue 53rd Street

New York, NY 10019

**Telephone:** 1-800-325-3535

Views expressed in this program are those of the individual speaker and do not necessarily reflect views of Aurora Cardiovascular Services, Lenox Hill Hospital, New York State Chapter of ACCNYU, The School of Medicine, State University of New York at Stony Brook, IAC or MedMeetingsEtc. LTD



12:00 p.m. **Registration** 

12:45 p.m. Welcome & Introduction to Course

Itzhak Kronzon, MD and Bijoy Khandheria, MD

Basics of Echocardiography: Review for Boards

Presiding Smadar Kort, MD

1:00 p.m. Left Ventricular Systolic Function

Muhammed Saric, MD

1:15 p.m. **How to evaluate and report on Right Ventricle:** 

Faroog Chaudhry, MD

1:50 p.m. Right Heart Hemodynamic: PA Catheter In a Box

Itzhak Kronzon, MD

2:15 pm Diastolic Function

Daniel Spevack, MD

2:45 p.m. Stress Echocardiography: Theory and Practice

Faroog Chaudhry, MD

3:10 p.m. **Myocardial Mechanics** 

Gila Perk. MD

3.35 p.m. **Break - Visit Exhibits** 

Sonographer Session

Presiding Chris Kramer, RDCS

4:00 p.m. Off axis imaging: When, How

Chris Kramer, RDCS

4:30 p.m. Read with me

RV, LV, Speckle Tracking ....

Sonographers Matt Umland, Chris Kramer, and Laura Johnson

5:45 p.m. Adjourn

Physician Session

Presiding Gila Perk, MD

4:00 pm 3D Imaging: How to get started

Gila Perk, MD

2 Cases where it helped

Drs. Smadar Kort and Gila Perk

4:30p.m. Case Studies: Ischemic Heart Disease, Doppler, M Mode, and Adult

with Congenital Heart Disease

Doppler Strips
Daniel Spevack, MD
M-Mode for the Boards
Itzhak Kronzon, MD

**Adult Congenital Heart Disease** 

Ferande Peters, MD and Muhammed Saric, MD

**Board Review: MS, MR**Daniel Spevack, MD

5:45 pm Adjourn

### Friday, May 23, 2014

6:30 a.m. Registration - Breakfast - Visit Exhibits

7:30 a.m. **IAC accreditation: Why? Do, Don't, Simplify** 

Bev Gorman, RDCS

Myocardial, Pericardial Disease Presiding Muhammed Saric, MD

8:15 a.m. Constrictive Pericarditis: State of the Art 2014. Role of

**Echocardiography and Mechanics** 

Differentiation from restrictive heart disease

Bijoy Khandheria, MD

9:00 a.m. Hypertrophic Cardiomyopathy: State of the Art;

2014 - Multimodality Guidelines

A Jamil Tajik, MD

9:20 a.m. Left Ventricular Non Compaction: State of the Art 2014

Bijoy Khandheria, MD

9:40 a.m. Case Studies

Pericardial Tamponade: Smadar Kort, MD

Variants of HCM: A Jamil Tajik, MD

**Left Ventricular Non Compaction**: Ferande Peters, MD

10:10 a.m. Athlete Heart: Diagnostic Criteria - Guidelines Revisited

Roberto Lang, MD

10:30 a.m. **Break - Visit Exhibits - Network** 

Left Ventricular Dysfunction

Presiding Vinay Thohan, MD

### SPECIAL LECTURE

11:00 a.m. Classification of Cardiomyopathy: 2014

Jagat Narula, MD

Epidemic of Heart Failure with Preserved Ejection Fraction: 2014 11:20 a.m.

Vinay Thohan, MD

11:40 a.m. How to use echocardiography to evaluate LVAD including case

studies

Matt Umland, RDCS

12:20 p.m. CRT: Echocardiography Case Studies

Responder: Muhammed Saric, MD Non Responder: Chris Kramer **Optimization:** Matt Umland

12:40 p.m. Question and, Answer

Matt Umland, Chris Kramer, and Drs. Narula and Saric

Drs Thohan, presiding

Lunch - Visit Exhibits - Network 12:45 p.m.

Case Studies Aorta, Systemic Illness, IHD

Presiding Daniel Spevack, MD

Case Studies: Disease of Aorta: Dissection, Transection, Intramural 1:30 p.m.

Hematoma and Atherosclerosis

Smadar Kort, MD

2:00 p.m. Case Studies: Systemic Illness and Heart. Sarcoid, Hemochromatosis,

> Amyloid, and Carcinoid Steve Goldstein, MD

2:30 p.m. Case Studies: Right Heart. RV Dysplasia, Ebstein, RV Infarction

Muhammed Saric, MD

3:00 p.m. Case Studies: Stress Echocardiography. Single Vessel, Multi Vessel,

False Positive, False Negative

Faroog Chaudhry, MD

3:30 pm Case Studies: Complications of Myocardial Infarction. Aneurysm,

Pseudoaneurysm, VSD, Rupture, Papillary muscle rupture

Bijoy Khandheria, MD

Break - Visit Exhibits - Network 4:00 p.m.

4:30 p.m. Case Studies: Infective Endocarditis. Vegetation, Abscess, Mitral

Aortic Intervalvular Fibrosa, Fistula

Steve Goldstein, MD

5:00 p.m.

Potpourri

Presiding Gila Perk, MD

Gerbode - Itzhak Kronzon, MD

Congenital VSD - Muhammed Saric, MD Prosthetic Valve Vegetation – Gila Perk, MD Prosthetic Valve Abscess - Smadar Kort, MD

ASD - Sinus Venosus, Primum, Anomalous Pulmonary Venous

Return – Muhammed Saric, MD

6:15 p.m. Adjourn

### Saturday, May 24, 2014

7:00 a.m. **Breakfast - Visit Exhibits** 

7:30 a.m. IAC Accreditation: Everything you wanted to know

Bev Gorman, RDCS

Structural Heart Disease

Presiding Roberto Lang, MD

8:00 a.m. Mitral Regurgitation: New Guidelines. Operating on

asymptomatic patients

A Jamil Tajik, MD

8:20 a.m. **Imaging the mitral valve** 

Roberto Lang, MD

8:40 a.m. Percutaneous Interventions on the mitral valve: State of the Art 2014.

Aurora Cardiovascular Services Experience

Suhail Allaqaband, MD

9:00 a.m. Critical Role of Echocardiography in MitraClip with case

examples

Neil Weissman, MD

9:20 a.m. Imaging Functional and Ischemic Mitral Regurgitation

Roberto Lang, MD

9:40 a.m. **Reading Room – Mitral Regurgitation** 

Sonographer and Physician

Presenters: Matt Umland RDCS and Chris Kramer RDCS

Readers: Drs Tajik and Goldstein

10:10 a.m. **Break - Visit Exhibits - Network** 

Structural Heart Disease

Presiding Itzhak Kronzon, MD

10:30 a.m. **Imaging the Stenotic Aortic Valve** 

Bijoy Khandheria, MD

10:50 a.m. Asymptomatic Severe AS: New valve guidelines say

Steve Goldstein, MD

11:10 a.m. Low Gradient, Low Output AS, Low gradient, Normal EF AS

Itzhak Kronzon, MD

11: 30 a.m. TAVR: State of the Art 2014

Carlos Ruiz, MD

11:50 am Prevention of Aortic Stenosis: Is this a fantasy?

A Jamil Tajik, MD

12:10 pm Question and, Answer

Presiding Dr Kronzon

Drs Tajik, Goldstein, Khandheria, and Ruiz

12:30 p.m. Lunch - Visit Exhibits for the last time

Structural Heart Disease

Presiding Smadar Kort, MD

1:30 p.m. Imaging the Tricuspid Valve

Roberto Lang, MD

1:50 p.m. Imaging the Right Ventricle: Key points that is clinically relevant - ASE Guidelines

Smadar Kort, MD

In the reading room: Aortic and Tricuspid Valve 2:10 p.m.

Presenters: Matt Umland RDCS and Chris Kramer RDCS Readers: Drs. Itzhak Kronzon, Steve Goldstein and Neal Weissman

Illustrative cases of LAA appendage closure, ASD closure 2:40 p.m.

Bijoy Khandheria, MD

3:00 p.m. Illustrative Cases of Paravalvular leak closure

Itzhak Kronzon, MD

3:20 p.m. **Ouestion and Answer** 

Presiding, Smadar Kort, MD Drs Khandheria, Kronzon, and Lang

3:30p.m. Break - Network

4:00 p.m. Sonographer Session

Artifacts and More

Laura Johnson, RDCS, Anna Hamza, RDCS, Matt Umland, RDCS and

Chris Kramer, RDCS

Physician Session 4:00 p.m.

Case Studies with management issues

Structural Heart Disease

Appropriate and Inappropriate indications for TAVR, MitraClip,

LAA occluder

Drs. Allaqaband, Goldstein, and Weissman

Challenging Cases Presented by Faculty

5:15 p.m. Adjourn

### Sunday, May 25, 2014

7:00 a.m. **Breakfast** 

8:00 a.m. Computer Based Learning. Limited Attendance to 30

Sonographers, Students in sonography, Imaging Fellows

Learn how to measure with instructors on computer

Matt Umland, RDCS, Chris Kramer, RDCS, and Laura Johnson RDCS

Quantification of Chambers based on new guidelines. LV, RV, LA,

Hemodynamics. Cardiac Output, Gradient, Valve Area, ERO

10:00 a.m. Contrast Enhanced Imagining

Presiding, Matt Umland, RDCS

IAC Guidelines: Bev Gorman, RDCS Getting Started: Laura Johnson, RDCS Examples: Farooq Chaudhry, MD

Pitfalls: Smadar Kort, MD

Reimbursement: Matt Umland, RDCS

11:00 a.m. Adjourn

### REGISTRATION FORM

### **Sights & Sounds of Echocardiography** May 22-25, 2014

### Mail Form and Payment To: Phone or Fax Application to: Telephone: MedMeetingsEtc, Ltd. 414-649-5616

ATTN: Denise Mezydlo 2801 W Kinnickinnic River Parkway, Ste 175 Milwaukee, WI 53215

Fax: 414-385-7158 denise@medmeetingsetc.com E-mail: Website: www.echo-conference.com

### Online Registration: www.echo-conference.com

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Special Dietary Request: □Kosher V	/egetarian (no meat) □Vegetarian (	(chicken / fish allowed)
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,	On or before May 16	after May 16
State Chapter of NY ACC	□ \$600	□ \$800
Nonmember Physician	□ \$800	□ \$900
Sonographer, Fellows in Training	□ \$200	□ \$350
Computer Based Learning Only	□ \$50	
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In the Heart of the Big Apple

# May 22-25, 2014

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