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Echo Milwaukee 2017 Echocardiography is still the Heart of Cardiology

May 20-21, 2017

Intercontinental Milwaukee Hotel
139 E. Kilbourn Avenue
Milwaukee, Wisconsin 53202

Course Directors
Bijoy Khandheria, MD
A. Jamil Tajik, MD
Renuka Jain, MD
Matt Umland, RDCS

Course Co-Directors
Khawaja Ammar, MD
Chris Kramer, RDCS

Highlight The course will be case based and hands-on learning will be provided using computers.



*This activity is sponsored by
Aurora Health Care and
TEAM Echo Milwaukee.*

Credit

Accreditation

Aurora Health Care is accredited by the Wisconsin Medical Society to provide continuing medical education for physicians.

Aurora Health Care designates this live activity for a maximum of 13.5 AMA PRA Category 1 credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Aurora Health Care subscribes to the articles of Title III of the Americans with Disabilities Act of 1990. Should you or anyone accompanying you require special assistance please notify us at 414-219-7684.

Disclosure of Conflicts of Interest

It is the policy of Aurora Health Care Office of Continuing Education to ensure balance, independence, objectivity and scientific rigor in all of its sponsored education activities. All participating faculty, course directors and planning committee members are required to disclose to the program audience any financial relationships related to the subject matter of this program. Disclosure information is reviewed in advance in order to manage and resolve any possible conflicts of interest. All faculty and planning committee members have attested that their financial relationships do not affect their ability to present well-balanced, evidence-based content for this activity. Specific disclosure information for each course faculty will be shared with the audience prior to the faculty's presentation.

Purpose

Echo Milwaukee 2017: Echocardiography is still the Heart of Cardiology is a premier educational venue for physicians and sonographers in clinical practice.

Objectives

At the end of this course, participants will be able to:

- 1** Incorporate state-of-the-art clinical applications of echocardiography and Doppler ultrasound into clinical decision-making.
- 2** Utilize echocardiography in valvular heart disease.
- 3** Evaluate patients prior to, during, and following various structural heart disease procedures such as TAVR, mitral clip, and perivalvular leak closure.
- 4** Perform a 3D acquisition and measurement of biventricular size and function; and have a better understanding of the “knobology.”
- 5** Assess left ventricular function with state-of-the-art echocardiographic technology including strain imaging.

Target Audience

Cardiologists, cardiovascular surgeons, anesthesiologists, radiologists, nurses, sonographers, and fellows in training. Participants should have practical knowledge of echocardiography. This group will help provide the best treatment options for the patient.

Elements of Competence

This CME activity has been designed to change medical knowledge and patient care, two of the six competencies embraced by the American Board of Medical Specialties.

Agenda

Saturday May 20, 2017

- 7:00 a.m.** Registration, Continental Breakfast
- 8:00 a.m.** Welcome – **Bijoy Khandheria, MD / Matt Umland, RDCS**
- 8:05 a.m.** Introduction to the computer based learning, how to use the software

Faculty

Physicians **Drs. Renuka Jain, Bijoy Khandheria, Roberto Lang, Ijaz Malik and Valentin Suma**

Sonographers **Kelly Fish, Denise Ignatowski, Laura Johnson, Lindsey Kalvin, Chris Kramer, Sarah Roemer, Jan Samolyk and Matt Umland**

Practical Hemodynamics

- 8:20 a.m.** Aortic Stenosis: Learn and Practice. Includes TAVR
- 9:45 a.m.** Mitral Regurgitation
- 10:20 a.m.** Break
- 10:40 a.m.** Strain... How to analyze Step by Step
- 11:40 a.m.** Evaluation of the Right Heart: New ASE guidelines – Cases
- 12:40 p.m.** Lunch
- 1:40 p.m.** 3D, Acquire, Crop, Display
- 3:30 p.m.** Case Studies
- 4:30 p.m.** Closing Comments & Adjourn

Sunday May 21, 2017

- 6:45 a.m.** Registration, Continental Breakfast
- 7:30 a.m.** Hypertrophic Cardiomyopathy: What constitutes a comprehensive “Echo exam” in 2017 // **A Jamil Tajik, MD**
- 8:05 a.m.** Masses, Masses, Masses // **Ijaz Malik, MD**
- 8:35 a.m.** Read with the Expert // **A. Jamil Tajik, MD**
Presenting **Matt Umland, RDCS** and **Chris Kramer, RDCS**
- 10:05 a.m.** Break
- 10:20 a.m.** Case studies in: Systemic Disease & the Heart // **Bijoy Khandheria, MD**
- 11:00 a.m.** Case studies in: Stress Echo – false positive and false negative // **Valentin Suma, MD**
- 11:30 a.m.** Q&A
- 12:00 p.m.** Lunch
- 1:00 p.m.** Case studies in: Diastology // **Khawaja Ammar, MD**
- 1:30 p.m.** Case studies in: Advanced Heart Failure (LVAD, Transplant, constriction) // **Renuka Jain, MD** and **Lakshmi Muthukumar, MD**
- 2:30 p.m.** Everyday Cases // **Mark Girzadas, MD, Lakshmi Muthukumar, MD** and **Ijaz Malik, MD**
- 4:00 p.m.** Open Q&A
- 4:30 p.m.** Adjourn

Course Directors

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

Past President, American Society of Echocardiography; Director, Echocardiography Services Aurora, Cardiovascular Services, Aurora St. Luke's Medical Center, Milwaukee, WI. Adjunct Clinical Professor of Medicine, University of Wisconsin School of Medicine and Public Health, Madison, WI

A. Jamil Tajik, MD, FACC, FAHA

Aurora Health Care, Consulting Cardiologist, Aurora St. Luke's Medical Center, President Emeritus, Aurora Cardiovascular Services,

Aurora Health Care, Milwaukee, WI. Professor Emeritus, Thomas J. Watson, Jr., Professor of Medicine, Mayo Clinic, Rochester, MN; Associate Program Director, Cardiovascular Disease Fellowship

Matt M. Umland, RDCS, FASE

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

Renuka Jain, MD, FACC

Cardiologist, Aurora Cardiovascular Services, Aurora St. Luke's Medical Center, Milwaukee, WI. Adjunct

Clinical Assistant Professor of Medicine, University of Wisconsin School of Medicine and Public Health, Madison, WI

Co-Course Directors

Khawaja Ammar, MD, MS

Associate Program Director, Cardiology Fellowship Program, Aurora St. Luke's Medical Center

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, Illinois

Chris Kramer, RDCS

Aurora Health Care, Milwaukee, WI

Faculty

Kelly Fish, RDCS

Aurora Health Care, Milwaukee, WI

Mark Girzadas, MD

Aurora Health Care, Milwaukee, WI

Denise Ignatowski, RDCS

Aurora Health Care, Milwaukee, WI

Laura Johnson, RDCS

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Lindsey Kalvin, RDCS

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Ijaz Malik, MD, FACC

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Lakshmi Muthukumar, MD

Aurora Health Care, Milwaukee, WI

Sarah Roemer, RDCS

Aurora Health Care, Milwaukee, WI

Jan Samolyk, RDCS

Aurora Health Care, Milwaukee, WI

Valentin Suma, MD, FACC, FASE

Aurora Health Care, Milwaukee, WI

Stephen Welka DO, FACC, FASE, FASNC

Director, Cardiac Services and Clinical Cardiovascular Research, Aurora Memorial Hospital of Burlington

Faculty are members of Aurora Cardiovascular Services, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee WI.

** Clinical titles affiliated with the University of WI School of Medicine and Public Health.*

Speakers and topics subject to change without notice.

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139 East Kilbourn Avenue
Milwaukee, Wisconsin 53202

414-276-8686

Conference Fees (see registration page). Fees cover the cost of tuition, materials, breaks and lunch. The conference fee contains a non-refundable registration fee of \$25.00.

Refunds

If registration is cancelled up to 72 hours prior to the symposium, all but \$25.00 of the conference fee will be refunded. No refunds will be made after that time.

Conference Attire

To ensure your comfort in the conference room, please bring a sweater or jacket to accommodate temperature variations.

Course Registration

Online (preferred method)

Go to aurorahealthcare.org (Google Chrome works best) Search for the heading "Learn More About" click on Classes & Events. Enter the key word of "Echo" (or search by the date of 5/20/17 in the calendar) and proceed to register in the appropriate registration fee category.

Mail

Fill out registration form and mail to: (for check payments, make check payable to Aurora Health Care)

Aurora Health Care
Continuing Professional Development Office
1020 N 12th Street, Suite 3130
Milwaukee, WI 53233

To pay by cost transfer (within Aurora only) check with your supervisor. Once it is approved, complete registration form and mail or fax in.

Fax 414-219-5489

Phone 414-219-5490

Confirmation/Cancellation

Online registration will receive immediate confirmation via their entered email address.

If you need assistance registering for the conference, please 414-219-5490.

Conference Contact

Denise Mezydlo at 414-385-7160 or email denise.mezydlo@aurora.org.

Registration Form

Please print clearly. (Use below for mail or fax registrations). Please complete all fields as all information is required in order to process your registration.

Your information

First MI Last Professional Title (MD, RN, RDCS, etc.)

Preferred mailing address

City, State, Zip Specialty

Phone Fax Email

Employer & Employer Address (if relevant)

Payment options

Credit card (fill out information below)

Check # _____ Amount _____

Cost Transfer (Aurora only - fill out information below)

Credit card

Visa Mastercard Discover AMEX

Card Number CVV Code (3 digits on back of card)

Cardholder's Name (PRINT) Exp. Date

NOTE You must provide your card's billing address when using a credit card.

My billing address is the same as my mailing address (complete below if not the same as above).

Billing Address

City, State, Zip

Cost transfer information (Aurora employees only)

Org # Area Account #

Site Name Amount \$

Conference fees

\$300.00 Physicians/Industry

\$100.00 Sonographers/Fellows in training/Nurses