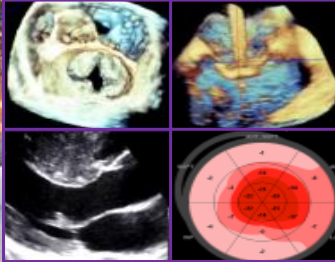


**45th Annual Echo Northwestern in Collaboration with Lurie Children's Hospital: Echo Throughout the Ages
November 18, 2023- Ann & Robert H. Lurie Children's Hospital of Chicago**



Conference Topics: Basic and advanced echo imaging, valvular heart disease, heart failure, and congenital heart disease in adults

Registration QR Code:



Registration Link:

<https://tinyurl.com/yvemphfw>

This activity has been approved for AMA PRA Category 1 Credit™

Saturday, November 18, 2023

**Ann & Robert H. Lurie Children's Hospital of Chicago
225 East Chicago Ave, Chicago, IL**

Sponsored by

Northwestern University Feinberg School of Medicine Office of Continuing Medical Education, Bluhm Cardiovascular Institute at Northwestern Medicine, and Ann & Robert H. Lurie Children's Hospital of Chicago

REGISTER TODAY! [Northwestern.cloud-cme.com/echo2023](https://northwestern.cloud-cme.com/echo2023)

PROGRAM INFORMATION

45th Annual Echo Northwestern in Collaboration with Lurie Children's Hospital: Echo Throughout the Ages

Overview

Echo Northwestern is in its 45th year and is the longest running echo course in the United States! This year, the course faculty consists of renowned physicians and sonographers from Northwestern Memorial Hospital and Lurie Children's Hospital. This course will provide physicians and sonographers at all levels with the knowledge and insight into the application of basic and advanced echocardiographic techniques for imaging adults with complex disease.

The following topics will be covered:

- Valvular heart disease
- Interventional echo
- Heart failure
- Contrast echo
- 3D echo
- Diastology
- Stress echo
- Cardio-oncology
- And many more

By the end of the course, participants will have improved skills that can be immediately applied to everyday practice as well as an understanding of future applications.

Learning Objectives

1. Explain the role of echo in the treatment of heart failure
2. Discover how to correctly acquire strain images and how to use this data to assess cardiac function in various pathological states
3. Discover how to correctly acquire and optimize 3D images and how to incorporate into clinical practice
4. Evaluate the role of echo in the diagnosis and treatment of the clinical entities such as valvular heart disease, heart failure and common miscellaneous topics using a case-based approach
5. Review the role of echo in surgical and percutaneous treatments of aortic stenosis, mitral regurgitation, tricuspid regurgitation, and pulmonic valve disease
6. Assess patients with valvular disorders using the 2020 ACC/AHA guidelines for valvular heart disease and the ASE guidelines for the assessment of native valve regurgitation, native valve stenosis, prosthetic valve function and percutaneous devices
7. Describe the methodology to assess diastolic function using the ASE diastology guidelines
8. Assess the uses of echo contrast agents (imaging enhancing agents) and how to incorporate the use of agents into a busy echo lab using a case-based approach
9. Recognize the basics of echocardiographic assessment of patients with common congenital heart lesions
10. Explore the role of echo in the management of patients with infiltrative cardiomyopathies
11. Evaluate the impact of echo in diagnosis, management and follow up with patients with hypertrophic cardiomyopathy.

Target Audience

This continuing medical education program is designed to meet the educational needs of cardiologists, cardiology fellows, surgeons, sonographers, and nurses who have a need for echo expertise.

Conference Location

Ann & Robert H. Lurie Children's Hospital of Chicago
225 East Chicago Ave, 11th Floor Conference Center
Chicago, IL 60611

Directions and Parking: luriechildrens.org/en/locations/ann-robert-h-lurie-children-s-hospital-of-chicago-18/

Accreditation Statement

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 7.00 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABIM MOC Points

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 7 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

American Board of Surgery Continuous Certification Program

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn credit toward the CME and Self-Assessment requirements of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

Faculty Disclosure

The Northwestern University Feinberg School of Medicine requires course directors, speakers, instructors, planners and other individuals who are in a position to control the content of this activity to disclose any relevant financial relationships. All identified potential conflicts of interest, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations are thoroughly vetted by Northwestern University FSM for fair balance. The faculty disclosures will be indicated in the course syllabus.

Additional information: For additional information please visit Northwestern.cloud-cme.com/echo2023.

AGENDA – SATURDAY NOVEMBER 18, 2023

7:30 – 8:15 am Check-in and breakfast

8:15 – 8:20 am Welcome

8:20 – 8:45 am Jeanne Salomon Alexander Memorial Lecture: Echocardiography and Prosthetic Valves - The more things change, the more they stay the same.

8:50 - 10:50 am Session 1: Valvular Heart Disease/Structural Heart Disease

8:50 - 9:00 Mitral Your Way to Classification

9:00 - 9:10 How Much MR is Really There?

- 9:10 - 9:40 MR Cases to Learn From
Hot Mitral Valve!
Transcatheter Options in the Interventional Suite
- 9:40 - 9:50 Tips and Pearls for Imaging the Tricuspid Valve
- 9:50 - 10:20 TR Quantification and Assessment of RV Function
- 10:20 - 10:50 Scintillating TR cases
Ebstein Anomaly Case, Tricuspid Valve in Valve
TV Transcatheter Therapy

10:50-11:15 am Break

11:15-12:45 pm Session 2: Heart Failure/Cardiomyopathies

- 11:15 - 11:25 Don't Stress Over Strain
- 11:25 - 11:35 Diastology Made Easy
- 11:35 - 11:45 Don't Forget About the Pericardium
- 11:45 - 11:55 Multimodality Imaging of Infiltrative Cardiomyopathies
- 11:55 - 12:05 Echo Hemodynamics
- 12:05 – 12:15 Imaging Hypertrophic Cardiomyopathy in the Era of Novel Therapeutics
- 12:15 - 12:45 Favorite Heart Failure Cases
Echo Essentials in Cardio-Oncology
LV Noncompaction Case
Echo in the Athlete

1:15 - 2:00 pm Non-CME Lunch Lecture

2:30 - 4:30 pm Session 3: Adult Congenital Heart Disease

- 2:30 – 2:35 Case Presentation of Adult with Tetralogy of Fallot
- 2:35 – 2:45 Debate TOF PVR is Indicated
- 2:45 – 2:55 Debate TOF PVR is Not Indicated
- 2:55 – 3:05 Cardiac Shunts – Atrial Septal Defect
- 3:05 – 3:15 Cardiac Shunts – Ventricular Septal Defect

3:15 – 3:25	Cardiac Shunts – Patent Ductus Arteriosus
3:25 - 3:30	QA
3:30 – 3:35	Case Presentation of Bicuspid Aortic Valve
3:35 – 3:45	Debate – Bicuspid Aortic Valve – Ross is Indicated
3:45 – 3:55	Debate – Bicuspid Aortic Valve – Aortic Valve Replacement is Indicated
3:55 – 4:05	Atrioventricular Septal Defect
4:05 – 4:15	Ebstein Anomaly
4:15 – 4:25	Transposition of the Great Arteries Post Atrial Repair Scanning Techniques
4:25 - 4:30	QA

4:30 - 4:45 pm Break

4:45 - 5:30 pm Grand Finale

4:45 – 5:00	Artificial Intelligence: What Does the Future Sound Like?
5:00 – 5:30	Echo Jeopardy: Grand Finale

REGISTRATION

Northwestern.cloud-cme.com/echo2023

Physicians	\$150
Sonographers	\$75
Fellows and sonographer students	\$30



***Please note, if registration capacity has filled (sold out), registration will be closed and no on-site registration will be allowed. REGISTER EARLY TO AVOID MISSING OUT!**

CANCELLATIONS / REFUNDS

Cancellations must be made in writing to EchoEducation@luriechildrens.org. The paid registration fee, minus \$25, will be refunded if cancellation is received by **November 4, 2023**. No refunds will be issued thereafter. For questions, please contact Kathleen Nolan, RDCS, Course Coordinator, at Echoeducation@luriechildrens.org.

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