

M Northwestern
Medicine®

THE 44TH ANNUAL

ECHO

NORTHWESTERN 2022

NEW AND EXCITING OFFERINGS:

Hands on training for 3D & Strain
Structural Heart Disease
Diastology
COVID in the Heart
Cardio Oncology

#NMEcho is back **IN-PERSON** this year!

SEPTEMBER 10-11, 2022
HYATT CENTRIC CHICAGO MAGNIFICENT MILE

THIS LIVE ACTIVITY HAS BEEN APPROVED FOR
13 AMA PRA CATEGORY 1 CREDITS™

and offering MOC!

SPONSORED BY

Northwestern University Feinberg School of Medicine
Office of Continuing Medical Education
and Bluhm Cardiovascular Institute at Northwestern Medicine

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THE 44TH ANNUAL **ECHO** NORTHWESTERN 2022

Principles of echocardiography will be reviewed and advances will be demonstrated through lectures and case studies. Participants will be exposed to all aspects of basic and advanced echocardiography. Daily sessions will be devoted to state of the art lectures on advances in echocardiography and specific application to the following states:

- Heart Failure
- Coronary Artery Disease
- Interventional Echocardiography
- Congenital Heart Disease
- Valvular Heart Disease
- Strain Imaging

The following aspects of echocardiography will be covered:

- Echo in Cardio-Oncology
- Pericardial disease
- Diastology
- And many more...

Case studies will be interspersed throughout each of the lectures to emphasize the importance and clinical utility of each technique discussed. The case studies will emphasize different topics in echocardiography that are seen in daily practice.

LEARNING OBJECTIVES

At the conclusion of this activity, participants should be able to:

1. Explain the role of echo in the treatment of heart failure
2. Explore the critical role of echo in the management of patients undergoing cancer therapy
3. Discuss the use of echo in cardio-oncology patients
4. Discover how to correctly acquire strain images and how to use this data to assess cardiac function in various pathological states
5. Discover how to correctly acquire and optimize 3D images and how to incorporate into clinical practice
6. Evaluate the role of echo in the diagnosis and treatment of the clinical entities such a valvular heart disease, heart failure and common miscellaneous topics using a case-based approach
7. Review the role of echo in surgical and percutaneous treatments of aortic stenosis, mitral regurgitation and tricuspid regurgitation
8. Assess patients with valvular disorders using the most recent 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

9. Describe the methodology to assess diastolic function using the ASE diastology guidelines
10. Assess the uses of echo contrast agents (imaging enhancing agents) and how to incorporate the use of agents into a busy echo lab
11. Recognize the basics of echocardiographic assessment of patients with common congenital heart lesions
12. Appreciate the role of echo in the diagnosis and management of pregnant women with cardiovascular disease
13. Appreciate the use of echo in the COVID era
14. Assess the use of echo in pericardial diseases

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

HYATT CENTRIC CHICAGO MAGNIFICENT MILE
633 North St Clair Street, Chicago, IL 60611
Directions and parking information are available at www.hyatt.com/en-US/hotel/illinois/hyatt-centric-chicago-magnificent-mile/chimm

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 13 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MOC POINTS

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 13 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.

SPECIAL NEEDS

The Northwestern University Feinberg School of Medicine intends to comply fully with the legal requirements of the Americans with Disabilities Act. If any participant of this conference needs accommodation please indicate those needs on the registration form or submit written requests to cvconferences@northwestern.edu at least two weeks prior to the conference date.

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 program information please visit <http://northwestern.cloud-cme.com> or email us at cvconferences@northwestern.edu.



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Juliet Ryan, BS, RDCS





SATURDAY, SEPTEMBER 10, 2022

- 8:00 am **REGISTRATION & BREAKFAST**
- SESSION I: NATIVE VALVE DISEASE**
 MODERATOR:
 Vera Rigolin, MD, FASE
- 9:00 am **A Tale of Two Valves: Functional vs Degenerative MR**
 Vera Rigolin, MD, FASE
- 9:20 am **Echo Quantification of Valvular Regurgitation**
 James Thomas, MD, FASE
- 9:40 am **Imaging Essentials for Aortic Stenosis**
 Issam Mikati, MD, FASE
- 10:00 am **BREAK & EXHIBITS**
- SESSION II: STRUCTURAL HEART DISEASE**
 MODERATOR:
 James Thomas, MD, FASE
- 10:30 am **Imaging for Percutaneous Mitral Valve Procedures**
 Akhil Narang, MD, FASE
- 10:50 am **Imaging for Percutaneous Tricuspid Valve Procedures**
 Jyothy Puthumana, MD, FASE
- 11:10 am **CASE PRESENTATIONS WITH PANEL DISCUSSION**
- CASE PRESENTATIONS:
 Advanced Cardiac Imaging Fellows
- PANEL:
 Andrei Churyla, MD
 Laura Davidson, MD, MS
 Jim Flaherty, MD
 Ranya Sweis, MD
 Akhil Narang, MD, FASE
 Jyothy Puthumana, MD, FASE
 Kameswari Maganti, MD, FASE

- 12:30 pm **LUNCH & EXHIBITS**
 Lunch Lecture:
 David Mehlman, MD, FASE
- SESSION III: BREAK-OUT SESSIONS**
- 1:30 pm **1. HANDS-ON SCANNING**
 Richard Norton, RDCS
 Kara Alexander, RDCS
 Keith Collins, RDCS, FASE
 Millica Marion, RDCS
 Brian Fey, RDCS, FASE
 Madeline Jankowski, RDCS, FASE
 Jyothy Puthumana, MD, FASE
 Akhil Narang, MD, FASE
- 2. SHD/VALVULAR HEART DISEASE ECHO INTERPRETATION: CASE SERIES 1**
 Advanced Imaging Fellows:
 Vera Rigolin, MD, FASE
 Kameswari Maganti, MD, FASE
- 2:45 pm **BREAK**
- 3:00 pm **3. HANDS-ON SCANNING**
 Richard Norton, RDCS
 Kara Alexander, RDCS
 Keith Collins, RDCS, FASE
 Millica Marion, RDCS
 Brian Fey, RDCS, FASE
 Madeline Jankowski, RDCS, FASE
 Jyothy Puthumana, MD, FASE
 Akhil Narang, MD, FASE
- 4. SHD/VALVULAR HEART DISEASE ECHO INTERPRETATION: CASE SERIES 2**
 Advanced Imaging Fellows:
 Vera Rigolin, MD, FASE
 Kameswari Maganti, MD, FASE
- 4:00 pm **SATURDAY ADJOURN**

SUNDAY, SEPTEMBER 11, 2022

- 7:00 am **REGISTRATION & BREAKFAST**
- SESSION IV: HEART FAILURE**
 MODERATOR:
 Issam Mikati, MD, FASE
- 8:00 am **Guideline Directed Imaging in Heart Failure**
 Clyde Yancy, MD, MSc
- 8:20 am **Diastology is not Always Indeterminate**
 Sanjiv Shah, MD, FASE
- 8:40 am **Echo is the Key Test for Diagnosis and Management of Heart-failure case based examples: HFrEF, HFpEF, HFrec EF**
 Gloria Ayuba, MD
 Taimur Safder, MD
- 9:00 am **Contrast Echo - Seeing is Believing!**
 Patricia Vassallo, MD, FASE
- 9:20 am **The ABCs of Cardiotoxic Agents and How Can Echo Help with Early Detection and Patient Management**
 Nausheen Akhter, MD, FASE
- 9:40 am **Audience Q&A and Panel Discussion**
- 10:00 am **BREAK**
- SESSION V: CASE REVIEW SESSION**
 MODERATORS:
 David Mehlman, MD, FASE
 Brian Fey, RDCS, FASE
- 10:30 am **Congenital**
 Andrew de Freitas, MD
 Asra Azizuddin, RDCS, FASE

- 11:00 am **Pericardial Disease**
 Mohammed Al-Kazaz, MD
 Karen Laguna, RDCS
 Kathy Nguyen, RDCS
- 11:30 am **Diastology**
 Sanjiv Shah, MD, FASE
 Juliet Ryan, RDCS
 Korosh Sharain, MD
- 12:00 pm **POCUS**
 Akhil Narang, MD
 Madeline Jankowski, RDCS
 Kameswari Maganti, MD, FASE
- 12:30 pm **LUNCH**
- SESSION IV: MORE LEARNING OPPORTUNITIES**
 MODERATORS:
 Ben Freed, MD, FASE
 Kameswari Maganti, MD, FASE
- 1:30 pm **CASE PRESENTATIONS WITH PANEL DISCUSSION**
- EP ICE Cases**
 Bradley Knight, MD
- Artificial Intelligence**
 James Thomas, MD, FASE
- HCM**
 Bonnie Kane, RDCS, FASE
- Cardio-obstetrics**
 Priya Freaney, MD
- Stress ECHO**
 Micah Eimer, MD
- 3:00 pm **COVID**
 Marc Sala, MD
 Kameswari Maganti, MD, FASE
- 3:30 pm **Echo Jeopardy**
 Madeline Jankowski, RDCS, FASE
- 4:00 pm **CONFERENCE ADJOURN**



2022

MARK YOUR CALENDAR!

4TH ANNUAL

Heart Team Summit

October 21-22, 2022

Four Seasons St. Louis

St. Louis, MO | Hybrid Format

18TH ANNUAL

Heart Failure Symposium

December 2-3 2022

Radisson Blu Aqua Hotel

Chicago, IL | Hybrid Format

REGISTER TODAY!

REGISTRATION FEE

	EARLY BIRD Ends 8/10/22	REGULAR RATE
Physicians	<input type="checkbox"/> \$300	<input type="checkbox"/> \$450
ASE Physicians	<input type="checkbox"/> \$240	<input type="checkbox"/> \$360
Sonographers	<input type="checkbox"/> \$200	<input type="checkbox"/> \$300
ASE Sonographers	<input type="checkbox"/> \$160	<input type="checkbox"/> \$240
RN, APN, Fellow, Resident, Student, Other HCP's & Allied Health	<input type="checkbox"/> \$160	<input type="checkbox"/> \$240

HOW TO REGISTER

 ONLINE - Please visit www.cme.northwestern.edu

Registration will close Thursday, September 8, 2022

QUESTIONS

Questions regarding registration should be directed to cvconferences@northwestern.edu. Registrations will not be accepted by telephone.

CANCELATION POLICY

Cancellations must be made in writing to the Office of Continuing Medical Education. The paid registration fee, minus \$50, will be refunded if cancellation is received by **August 27, 2022**. No refunds will be issued thereafter.

www.cme.northwestern.edu

For more information please visit cvconferences.com or contact us at cvconferences@northwestern.edu

Northwestern Medicine® is the shared vision that joins Northwestern Memorial HealthCare and Northwestern University Feinberg School of Medicine in a collaborative effort to transform medicine through quality healthcare, academic excellence, and scientific discovery.

