15th Annual Chicago Sonographer Update

Echocardiographic Assessment of the Cyanotic Neonate with Optional Hands-on Scanning Workshop

An Educational Meeting Developed by Sonographers, for Sonographers

Saturday, April 21, 2018 | 6 a.m.–4:30 p.m.

Online registration is available at luriechildrens.org/sonographer

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

Credit designation
The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 8.0 AMA PRA Category I credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Course description
Lurie Children’s 15th Annual Chicago Sonographer Update, Echocardiographic Assessment of the Cyanotic Newborn with Optional Hands-on Scanning Workshop will focus on the use of echocardiography to recognize and understand the importance of an accurate assessment of a cyanotic defect. This workshop was designed by sonographers, with the sonographer’s learning experience in mind. The meeting will encompass specific anatomic features of congenital heart disease to allow the sonographer to recognize defects in the fetus, neonate and child. Lurie Children’s pediatric cardiologists with expertise in the diagnosis and management of congenital heart disease will lead the lectures. Our keynote address by Dr. Wayne Tworetzky, a leader in fetal cardiology, will focus on advances in prenatal evaluation of cyanotic heart disease.

The small-group, hands-on scanning sessions will be led by senior cardiac sonographers and will give participants an opportunity to improve their understanding of anatomy and scanning technique for assessing types of cyanotic congenital heart disease. Participants will scan patients with normal anatomy with emphasis on subcostal and suprasternal notch views that are diagnostic for cyanotic heart disease. Printed materials demonstrating various cyanotic lesions will be provided. Interesting cases will be presented simultaneous to the hands-on scanning sessions, focusing on clinical presentation and emphasizing the importance of understanding each cyanotic defect for accurate diagnosis and appropriate treatment.

Course objectives
Upon conclusion of this educational meeting attendees should have improved their ability to:
• Recognize echocardiographic abnormalities seen in association with cyanotic anomalies
• Identify surgical repairs and/or palliations of cyanotic heart anomalies
• Comprehend the limitations of echocardiography and the need for multi-modality imaging
• Apply the imaging views and techniques taught in the conference into day-to-day practice
• Identify advances made in prenatal evaluation of cyanotic heart disease
CONFEERENCE COST
AEE Member
Lecture with Hands-on Scanning (space limited to 30)
$250 on or before March 16, 2018
$250 after March 16, 2018
Printed binder: $25
Non-AEE Member
Lecture with Hands-on Scanning (space limited to 30)
$300 on or before March 16, 2018
$360 after March 16, 2018
Printed binder: $25

Online registration closes Friday, April 20, 2018.

Agenda

TIME TALK FACULTY
6–6:45 a.m. REGISTRATION AND BREAKFAST (INCLUDED)
6:45–7 a.m. Welcome Angira Patel, MD, MPhil, FAASE Course Director
7–7:30 a.m. Understanding the Translational Circulation in Cyanotic Heart Disease Wayne Twentyman, MD
7:30–8 a.m. Tetralogy of Fallot: Fetal and Transanatomic Echoangiography Sheetal Patel, MD, MSCI
8–8:15 a.m. Tetralogy of Fallot: Post-Surgical Echocardiographic Assessment Josephe Amada, MD
8:15–8:45 a.m. D-Transposition of Great Arteries: Fetal and Transanatomic Echoangiography Nazia Husain, MBBS, MPhil
8:45–9 a.m. D-Transposition of Great Arteries: Post-Surgical Echocardiographic Assessment Kathleen Nolan, RDGS, RDMS
9–9:30 a.m. Tricuspid Atresia: Fetal and Transanatomic Echoangiography Tania Saroli, MD
9:30–9:45 a.m. Tricuspid Atresia: Post-Surgical Echocardiographic Assessment Zhanna Roytman, RDGS
9:45–10 a.m. BREAK AND REFRESHMENTS
10–10:30 a.m. Tricuspid Atresia: Post-Surgical Echocardiographic Assessment Joyce Johnson, MD, MSCI
10:30–10:45 a.m. Tricuspid Atresia: Post-Surgical Echocardiographic Assessment Simon Lee, MD
10:45–11:15 a.m. Total Anomalous Pulmonary Venous Return: Fetal and Transanatomic Echoangiography Nina Gottmeier, MD, FAASE
11:15–11:30 a.m. Total Anomalous Pulmonary Venous Return: Post-Surgical Echocardiographic Assessment Carrie McCaw, RDGS, RTV
11:30–12:30 p.m. LUNCH INCLUDED AND EXHIBITS
12:30–1:30 p.m. Keynote Address: Advances in Preanatomic Echocardiography Wayne Twentyman, MD
1:30–2 p.m. Intraoperative Assessment of Cyanotic Lesions Amanda Hauck, MD
2–2:30 p.m. A Differential Diagnosis: What else can it be? Mike Carr, MD
2:30–2:45 p.m. BREAK AND REFRESHMENTS
2:45–4:30 p.m. Hands-on Scanning Using a Congenital Protocol Subcostal and Suprasternal Notch OR Interesting Case Presentation
4:30 p.m. ADJOURN

About the presenters

Angira Patel, MD, MPhil, FAASE
Course Director
Attending Physician, Cardiology
Ann & Robert H. Lurie Children’s Hospital of Chicago
Associate Professor of Pediatrics and Medical Education
Northwestern University Feinberg School of Medicine

Amanda Hauck, MD
Course Co-Director
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Kathleen Nolan, BS, RDGS, RDMS
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Senior Cardiac Sonographer
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Scott Cameron, MD
Cardiology Fellow
Ann & Robert H. Lurie Children’s Hospital of Chicago

Michael R. Carr, MD
Attending Physician, Cardiology
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Matthew Cornicelli, MD
Cardiology Fellow
Northwestern University Feinberg School of Medicine

Laila Desai, MD
Cardiology Fellow
Ann & Robert H. Lurie Children’s Hospital of Chicago

Nina L. Gottmeier, MD, FAASE
Attending Physician, Cardiology
Ann & Robert H. Lurie Children’s Hospital of Chicago

Dayana Hao, RDGS
Lead Senior Cardiac Sonographer
Ann & Robert H. Lurie Children’s Hospital of Chicago

KEYNOTE SPEAKER
Wayne Twentyman, MD
Director of Fetal Cardiology
Senior Associate in Cardiology
Boston Children’s Hospital
Associate Professor of Pediatrics
Harvard Medical School

Nadia Husain, MBBS, MPhil
Attending Physician, Cardiology
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Manage. Echo & Tele-Echo Lab
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Tania L. Saroli, MD
Attending Physician, Cardiology
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Assistant Professor of Pediatrics
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Megan Schoessling, BS, RDGS
Cardiac Sonographer
Children’s Hospital of Wisconsin

Anthony Shorter, RDGS
Senior Cardiac Sonographer
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