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.

Lurie Children’s Heart Center is ranked #3 in the nation

Accreditation
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
The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 8.0 AMA PRA Category 1 credit(s)™. 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
• Incorporate the imaging views and techniques taught in the conference into day-to-day practice
• Appreciate advances made in prenatal evaluation of cyanotic heart disease

Online registration is available at luriechildrens.org/sonographer
BREAK AND REFRESHMENTS
10–10:30 a.m.
Tricuspid Atresia:
Fetal and Transthoracic Echocardiography
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 Transthoracic Echocardiography
Nina Gotteline, MD, FAAP
11:15–11:30 a.m.
Total Anomalous Pulmonary Venous Return:
Post-Surgical Echocardiographic Assessment
Carrie McCaw, RDSc, RVT
LUNCH (INCLUDED) AND EXHIBITS
12:30–1:30 p.m.
Keynote Address:
Advances in Prenatal Echocardiography
Wayne Tworetzky, 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
Dayna Hao, RDSc
Lead Senior Cardiac Sonographer
Ann B. Robert H. Lurie Children's Hospital of Chicago
6:45–7 a.m.
Understanding the Transitional Circulation in Cyanotic Heart Disease
Wayne Tworetzky, MD
7–7:30 a.m.
Tetralogy of Fallot: Fetal and Transthoracic Echocardiography
Sheetal Patel, MD, MSCI
8–8:15 a.m.
Tetralogy of Fallot: Post-Surgical Echocardiographic Assessment
Joseph Camarda, MD
8:15–9 a.m.
D-Transposition of Great Arteries: Fetal and Transthoracic Echocardiography
Nadia Husain, MBBS, MPH
8:45–9 a.m.
D-Transposition of Great Arteries:
Post-Surgical Echocardiographic Assessment
Kathleen Nolan, RDSc, RDMS
9–9:30 a.m.
Tricuspid Atresia:
Fetal and Transthoracic Echocardiography
Tania Saroli, MD
9:30–9:45 a.m.
Tricuspid Atresia:
Post-Surgical Echocardiographic Assessment
Zhanna Roytman, RDSc
9:45–10 a.m.
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KATHY NOLAN
kgnolan@luriechildrens.org
312.227.0390

Lunch (included) and exhibits
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