The ASE Council on Pediatric and Congenital Heart Disease (PCHD) has designed a program that will highlight the “revolution” in echocardiography and advanced imaging modalities from fetus through adult. Established and upcoming experts in our field will come together to present virtual sessions that will showcase global initiatives through the COVID-19 pandemic, imaging pearls for complex CHD management, debates on CHD nomenclature, applications of AI, and the persistent challenges in assessment of function. This track qualifies for a total of 8.5 ABP MOC points.

FRIDAY, JUNE 18

4:45 PM – 5:45 PM
Conquering COVID Together
(ASE/EACVI Joint Session)
Chairs: P. Barker, J. Marek

- Report from First Line Personnel: Sonographers
  J. Lipinski
- Lessons Learned: Echo Protocols
  C. Altman
- Impact on Echocardiography Education
  L. Frank
- Cardiac Involvement: Multimodality Imaging
  O. Miller
- Quality Improvement and Appropriate Use Criteria in COVID Era
  R. Sachdeva

Abstract Presentation: Application of Appropriate Use Criteria of Outpatient Transthoracic Echocardiography for Patients Undergoing Telehealth Visits During Early Phase of the COVID-19 Pandemic
D. Kernizan

Abstract Presentation: Speckle Tracking Echocardiographic Findings in Children with MIS-C and Acute COVID-19
P. Minocha

Question & Answer

8:30 PM – 9:30 PM
Challenges of the Systemic Ventricle
Chairs: C. Fleishman, B. Printz, J. Robinson

- Surgeons Perspective: Imaging Details That Help Guide Surgical Planning “Borderline Left Ventricle”
  S. Emani

SATURDAY, JUNE 19

10:30 AM – 12:00 PM
Fetal Symposium: In the Midst of a Revolution
Chairs: B. Arya, S. Maskatia, N. Pinto

- Case: Managing Tachyarrhythmias Challenges
  Presenter: E. Rueda-de-Leon
  Discussant: S. Killen

- Case: Managing Bradycardia: Role of Magnetocardiography
  Presenter: R. Lorber
  Discussant: J. Strasburger

Question & Answer

Case: Neurodevelopment Prediction and Chronic Maternal Oxygenation Therapy
Presenter: S. Peyvandi
Discussant: A. Moon-Grady

Case: Illustrate Inclusion of Genetic Counseling
Presenter: S. Nees
Discussant: T. Tacy

Case: Utility of Fetal MRI
Presenter: A. Cheliah
Discussant: M. Donofrio

Question & Answer

Case: Multiple Gestation: Dilemmas of Diagnosis Twin-to-Twin Transfusion Syndrome
Presenter: T. Doan
Discussant: S. Morris

Question & Answer
1:15 PM – 2:15 PM
Using Echocardiography to Guide the Management of Critically Sick Infants
(ASE Neonatal Hemodynamics TnECHO SIG Session)
Chairs: W. Lai, P. McNamara
Fetal Cardiac Function and Hemodynamics
L. Freud
Transitional Physiology of Premature Birth
A. El-Khuffash
Patent Ductus Arteriosus Hemodynamics
P. Levy
E21 Research – Bedside Cardiovascular Monitoring of Neonates with Patent Ductus Arteriosus
O. Kripfgans

Hypoxic Ischemic Encephalopathy in Newborn Infants
R. Giesinger
Question & Answer

4:15 PM – 5:15 PM
Innovations in Technology and Cardiovascular Imaging
Chairs: B. Soriano, S. Srivastava
Artificial Intelligence in Clinical Decision Making: Are We Ready?
B. Bijnens
Challenges in Work Flow Infrastructure: Building Data Repositories
C. Reddy

SUNDAY, JUNE 20

1:30 PM – 2:30 PM
Imaging Guide to Intervention on Atrioventricular Valves
Chairs: J. Kovalchin, M. Puchalski, L. Young
Ebstein’s Valve and Function
M. Friedberg
A Surgeon’s Approach to Ebstein’s Anomaly
C. Pizarro
Common Atrioventricular Canal Assessment: Most Challenging Cases
A. Parthiban
Left Atrioventricular Valve Dysfunction
A. Dorfman

Right Atrioventricular Valve
A. Dragulescu
Left Ventricular Outflow Tract Obstruction in Atrioventricular Septal Defect/Canal
C. Taylor

Question & Answer

5:45 PM – 6:45 PM
Challenges on the Right
Chairs: N. Choueiter, B. Landeck
Right Ventricle in a Biventricular Circulation: Which Measure Determines Outcomes?
L. Mercer-Rosa
Role of Stress Echo in Assessment of the Right Ventricle
M. Chen

What is Most Impactful Desynchrony vs. Right Ventricle Size and Function?
D. Forsha
Right Atrium Size and Function
P. Jone
Panel Discussion

Debate Introduction
Moderators: G. Ensing, M. Lewin
Debate: Eyeballing is the Best Method Con
P. Frommelt
Debate: Eyeballing is the Best Method Pro
L. Mertens

MONDAY, JUNE 21

7:15 PM – 8:15 PM
Never Ending Conundrums
Chairs: S. Balasubramanian, D. Parra
What Measure of Function Determines Outcomes in Cancer Patients?
W. Border
Vascular Rings: Determining Diagnosis and Intervention
J. Lu

Can Imaging or Stress Risk Stratify Anomalous Aortic Origin of a Coronary Artery?
W. Thompson
Risk Stratification of Pulmonary Hypertension
M. Quartermain
Panel Discussion

Nomenclature Fest
Moderators: M. Brook, T. Slesnick
Nomenclature Fest Team A
B. Eidem, L. Lopez
Nomenclature Fest Team B
A. Powell, J. Simpson
Nomenclature Fest Team C
N. Ayres, M. Cohen

Register at ASEScientificSessions.org by May 20 and save $100!