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| AGENDA **(updated 2-28-22)** | | | |
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| **MONDAY, AUGUST 8** (Cardiac Anatomy, Embryology and Imaging) | | | |
| **7:15 AM** |  | *Breakfast* |  |
|  |  | **SESSION 1** |  |
| **8:00-8:15** |  | **Introduction & Welcome** | Laurie Armsby |
| **8:15-9:00** |  | **Cardiac Anatomy** | Jill Savla |
| **9:00-10:00** |  | **Embryology** | Jill Savla |
| ***10:00-10:15*** |  | *Break* |  |
| **10:15-11:00** |  | **Abnormalities of the Great Arteries** | Anthony Hlavacek |
| **11:00-11:30** |  | **Systemic & Pulmonary Venus & Situs Abnormalities** | Anthony Hlavacek |
| **11:30-12:00** |  | **Session 1 Practice Questions and Discussion** |  |
| **12:00-1:00** |  | *Lunch* |  |
|  |  | **SESSION 2** |  |
| **1:00-2:15** |  | **Echocardiography: Physics, Hemodynamic Measurements & Ventricular Function** | Andrew Powell |
| ***2:15-2:30*** |  | *Break* |  |
| **2:30-3:00** |  | **Echocardiography: Classic Images & Clinical Correlation** | Andrew Powell |
| **3:00-3:45** |  | **Fetal Cardiology & Fundamentals of Fetal Echo** | David Brown |
| **3:45-4:15** |  | **Classic Fetal Images & Clinical Correlation** | David Brown |
| ***4:15-4:30*** |  | *Break* |  |
| **4:30-5:00** |  | **Fetal Arrhythmia & Pharmacology** | David Brown |
| **5:00-6:00** |  | **Cardiac CT & MR: Fundamentals, Classic Images & Clinical Correlation** | Andrew Powell |
|  |  | OPTIONAL After Dinner Study Groups |  |
| **TUESDAY, AUGUST 9** (Catheterization, Critical Care & Pharmacology) | | |  |
| **7:15 AM** |  | *Breakfast* |  |
|  |  | **SESSION 3** |  |
| **8:00-8:30** |  | **Hemodynamic Calculation Workshop** | Laurie Armsby |
| **8:30-9:15** |  | **Classic Angio Images & Clinical Correlation** | Laurie Armsby |
| **9:15-9:30** |  | *Break* |  |
| **9:30-10:15** |  | **Interventional Cardiology** | Athar Qureshi |
| **10:15 -11:00** |  | **Exercise Physiology Workshop** | Brian Eble |
| ***11:00-11:15*** |  | *Break* |  |
| **11:15-12:00** |  | **Section 3 Practice Questions & Discussion** |  |
| ***12:00-1:00*** |  | *Lunch* |  |
|  |  | **SESSION 4** |  |
| **1:00-2:00** |  | **Cardiovascular Physiology** | Brian Eble |
| **2:00-2:30** |  | **Cardio-pulmonary Physiology** | Patrick Evers |

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| **TUESDAY, AUGUST 9 *(continued)*** | | |  |
| ***2:30-2:45*** |  | *Break* |  |
| **2:45-3:30** |  | **Pulmonary Hypertension & Vasodilators** | Patrick Evers |
| **3:30-4:30** |  | **Fundamentals of Cardiac ICU** | Parag Jain |
| ***4:30 -4:45*** |  | *Break* |  |
| **4:45-5:15** |  | **Case-Based CICU Scenarios** | Parag Jain |
| **5:15-6:00** |  | *Break* |  |
| **5:50-6:20** |  | **Day 2 Practice Questions, Discussion & Workshops** |  |
|  |  | OPTIONAL After Dinner Study Groups |  |
| **WEDNESDAY, AUGUST 10** (Clinical Diagnosis, Lesion Review, Genetics, Surgery) | | |  |
| **7:15 AM** |  | *Breakfast* |  |
|  |  | **SESSION 5** |  |
| **8:00-8:30** |  | **The Cardiovascular Examination** | Sarah Plummer |
| **8:30-9:00** |  | **Left-to-Right Shunts** | Monique Bohun |
| **9:00-9:45** |  | **Right-to-Left Shunts** | Ashley Neal |
| ***9:45-10:00*** |  | *Break* |  |
| **10:00-10:30** |  | **Ductal Dependent Neonatal Heart Disease** | Monique Bohun |
| **10:30-11:15** |  | **Valve and Outflow Tract Lesions** | Ashley Neal |
| **11:15-12:00** | | **Session 5 Practice Questions & Discussion** |  |
| **12:00-1:00** |  | *Lunch* |  |
|  |  | **SESSION 6** |  |
| **1:00-2:00** |  | **Single Ventricle Lesions, Follow-up & Neurodevelopmental Care** | David Goldberg |
| **2:00-3:00** |  | **CV Surgery: Neonate & Infancy** | Richard Ohye |
| ***3:00-3:15*** |  | *Break* |  |
| **3:15-4:15** |  | **CV Surgery: Childhood & Adolescent CHD** | Jennifer Nelson |
| **4:15-5:00** |  | **Session 6 Practice Questions, Discussion & Workshop** |  |
|  |  | OPTIONAL After Dinner Study Groups |  |
| **THURSDAY, AUGUST 11** (Arrhythmia, Electrophysiology, Exercise Physiology) | | |  |
| **7:15 AM** |  | *Breakfast* |  |
|  |  | **SESSION 7** |  |
| **8:00-8:15** |  | **The Action Potential & Conduction Pathway** | Frank Zimmerman |
| **8:15-8:45** |  | **Atrioventricular Block** | Frank Zimmerman |
| **8:45-9:15** |  | **Supraventricular & Junctional Arrhythmias** | Frank Zimmerman |
| **9:15-9:30** |  | *Break* |  |
| **9:30-10:00** |  | **High Risk Syncope** | Frank Zimmerman |
| **10:00-10:45** |  | **Sudden Cardiac Death & Cardiac Channelopathies** | Santiago Valdes |
| **10:45-11:15** |  | **Pacemakers & ICDs** | Frank Zimmerman |
| **11:15-11:30** |  | *Break* |  |
| **11:30-12:15** |  | **Session 7 Practice Questions, Discussion & Workshops** |  |
| **12:15-1:15** |  | *Lunch* |  |

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| **THURSDAY, AUGUST 1 *(continued)*** | | |  |
|  |  | **SESSION 8** |  |
| **1:15-1:45** |  | **12 ECGs to Know for the Boards** | Santiago Valdes |
| **1:45-2;30** |  | **Anti-Arrhythmia Pharmacology** | Frank Zimmerman |
| **2:30-3:00** |  | **EP Studies Workshop** | Frank Zimmerman |
| **3:00-3:15** |  | *Break* |  |
| **3:15-4:00** |  | **Genetics of Congenital Heart Disease** | Lisa D’Alessandro |
| **4:00-4:45** |  | **Genetics of Cardiomyopathy** | Lisa D’Alessandro |
| **4:45-5:00** |  | *Break* |  |
| **5:00-5:20** |  | **Classic Images in Cardiac Genetics** | Lisa D’Alessandro |
| **5:20-5:45** |  | *Session 8 Practice Questions, Discussion & Workshops* |  |
|  |  | OPTIONAL After Dinner Study Groups |  |
| **FRIDAY, AUGUST 12** (Cardiomyopathies, Heart Failure, Transplant, ACHD) | | |  |
| **7:00 AM** |  | *Breakfast* |  |
|  |  | **SESSION 9** |  |
| **7:30-8:00** |  | **Heart Failure** | Christopher Almond |
| **8:00-8:45** |  | **Myocarditis & Cardiomyopathy** | Christopher Almond |
| **8:45-9:00** |  | *Break* |  |
| **9:00-9:15** |  | **Heart Transplant** | Christopher Almond |
| **9:15-9:45** |  | **ECMO & VAD Support** | Christopher Almond |
| **9:45-10:00** |  | *Break* |  |
| **10:00-11:30** |  | **ACHD: PEx, Transition, Pregnancy, Eisenmengers** | Anne Marie Valente |
| **11:30-12:00** |  | **Session 9 Practice Question, Discussion & Workshop** |  |

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| **ADDITIONAL RECORDED LECTURES** (On-demand viewing at your leisure) | | |  |
| 60 min |  | **ACHD: Surgical Review** | Vik Sood |
| 90 min |  | **Biostatistics, Epidemiology & Study Design** | Gary Weiner |
| 30 min |  | **Biostatistics Workshop** | Gary Weiner |
| 30 min |  | **Cardiac Tumors & Pericardial Diseases** | Tarek Alsaied |
| 30 min |  | **Coronary Artery Anomalies** | Tarek Alsaied |
| 20 min |  | **Coagulopathies & Anticoagulation** | Parag Jain |
| 45 min |  | **Chest Pain, Syncope, Palpitations, Dizziness** | Frank Zimmerman |
| 30 min |  | **Dyslipidemia** | Justin Zachariah |
| 30 min |  | **Endocarditis & Pericarditis** | Michael Carr |
| 30 min |  | **Ethics in Pediatric Cardiology** | Rupali Gandhi |
| 30 min |  | **Exercise Restriction Guidelines** | Brian Eble |
| Materials |  | **Guideline Paper Review** | Andy Shin |
| 30 min |  | **Hypertension** | Sarah Plummer |
| 30 min |  | **Kawasaki Disease & MIS-C** | Michael Carr |
| 20 min |  | **Pharmacology: Inotropes, Vasoactive Meds** | Michael Wolf |
| 15 min |  | **Pharmacology: Diuretics** | Michael Wolf |
| 20 min |  | **Pharmacology: Sedation/Analgesia** | Michael Wolf |
| 20 min |  | **Pharmacology: Heart Failure** | Michael Wolf |
| 30 min |  | **Rheumatic Fever/RHD & other Inflammatory Heart Conditions caused by Systemic Disease** | Michael Carr |