

NASCI 2010 Preliminary Program
October 3-5, 2010
The Westin Seattle Hotel
Seattle, Washington

Saturday, October 2, 2010

6:00-7:30 pm *Welcome Reception*

Sunday, October 3, 2010

6:45-8:00 am *Continental Breakfast*

Case of the Day

Scientific Session 1

7:00 AM – 8:00 AM

Cardiovascular Boot Camp

- 8:00 AM Cardiac and Coronary Anatomy
- 8:20 AM Cardiac CT Techniques
- 8:45 AM CT Angiography Techniques
- 9:05 AM Cardiac MR Techniques
- 9:30 AM Questions
- 9:40 AM Break**

OR

Concurrent Cardiomyopathy and Heart Failure (Advanced Topics)

- 8:00 AM How Can We Assess Prognosis in Hypertrophic Cardiomyopathy?
- 8:20 AM How is ARVD Diagnosed?
- 8:35 AM Sarcoid and Amyloid: What is the Role of MRI?
- 8:50 AM Dilated CM: Ischemic or Non-ischemic?
- 9:10 AM Heart Failure and Metabolic Syndrome
- 9:30 AM Questions
- 9:40 AM Break**

Pediatric Boot Camp

- 10:10 AM Segmental Analysis I: from Veins to Ventricles
- 10:35 AM Segmental Analysis II: from Ventricles to Arteries
- 11:00 AM Controversial Terms and Concepts in CHD, Made Clear
- 11:25 AM Quantitative Aspects of Pediatric Cardiac MRI
- 11:50 AM Questions
- 12:00 PM NASCI Business Lunch**

OR

Concurrent Ischemic Heart Disease: Which Modality is Best? (CVRI) (Advanced Topics)

- 10:10 AM Imaging Options for Chronic Ischemic Heart Disease
- 10:30 AM Viability MRI
- 10:45 AM Stress MRI
- 11:05 AM PET
- 11:30 AM Comprehensive Cardiac CT Examination
- 11:45 AM Panel Discussion
- 12:00 PM NASCI Business Lunch**

Sunday, October 3, 2010 (continued)

Coronary CTA: Introduction

- 1:00 PM Contrast Agents, Drugs, and Optimization of Technique
- 1:15 PM Image Analysis and 3D Reconstruction Techniques
- 1:30 PM Indications for Coronary CTA
- 1:45 PM Coronary Anomalies
- 2:00 PM Obstructive Coronary Artery Disease
- 2:20 PM Chest Pain in the ED: Role of Coronary CTA
- 2:40 PM Overcoming Pitfalls
- 3:00 PM Panel Discussion
- 3:10 PM Break**

OR

Concurrent Advanced Pediatric Imaging, Part 1

- 1:00 PM Delayed Enhancement Imaging in Children
- 1:25 PM Inlet Valve Pathologies, Imaging Findings, and Surgical Repairs
- 1:50 PM Indications Where MRI May Replace Catheterization
- 2:15 PM Understanding Pediatric Ventricular Assist Device
- 2:40 PM Imaging Complications after Surgical Repairs
- 3:05 PM Questions
- 3:10 PM Break**

How I Do It

- 3:40 PM Imaging of Acute Aortic Disease
- 4:00 PM Cardiac Imaging in Oncology Patients
- 4:20 PM Imaging for Electrophysiology
- 4:40 PM Diastology
- 5:00 PM Noncontrast MRA
- 5:20 PM Questions
- 5:30 PM Poster Session**
- 6:30 PM Adjourn**

OR

Concurrent Cardiac CT: Advanced Topics

- 3:40 PM How can We Reduce Radiation Dose for Coronary CTA?
- 4:00 PM Prospective or Retrospective Gating? Which is Better?
- 4:15 PM Outcomes Studies and Cost Effectiveness
- 4:35 PM Dual Energy and Spectral Imaging
- 4:55 PM CT Imaging of Atherosclerotic Plaque
- 5:15 PM Panel Discussion
- 5:30 PM Poster Session**
- 6:30 PM Adjourn**

Monday, October 4, 2010

6:45-8:00 am **Continental Breakfast**

Case of the Day

Case Presentation– Audience Response System

- 7:00 AM **Cases 1**
- 7:20 AM **Cases 2**
- 7:40 AM **Cases 3**

Case-Based Review: Pediatric – Audience Response System

- 8:00 AM Vasculitides and Connective Tissue Diseases
- 8:20 AM Vascular Anomalies
- 8:40 AM Great Artery Anomalies
- 9:00 AM Shunt Lesions
- 9:20 AM Post-Surgical Heart
- 9:40 AM Questions
- 9:45 AM Break**

OR

Concurrent Advanced Topics in Cardiac MRI

- 8:00 AM Blood Pool and Perfusion Contrast Agents
- 8:30 AM 1.5T vs. 3T MRI
- 8:50 AM Spectroscopy: Does it Have a Role in Cardiac Imaging?
- 9:10 AM Interventional Cardiovascular MR
- 9:30 AM Questions
- 9:45 AM Break**

Plenary Session: Keynote Address

- 10:15 AM Introduction of Keynote Speaker
- 10:20 AM Keynote Address
- 11:00 AM Questions

Cardiovascular Jeopardy – Audience Response System

- 11:15 AM Cardiovascular Jeopardy
- 12:45 PM Lunch in Exhibit Hall**
- 1:45 PM Round Robin (no CME)**

OR

Concurrent Advanced Pediatric Imaging, Part 2

- 11:15 AM Imaging for Pulmonary Hypertension in Children
- 11:35 AM Pulmonary Vein Anomalies and Obstruction
- 11:55 AM Hybrid Palliative Procedure for Hypoplastic Left Heart Syndrome
- 12:15 PM Airways Abnormalities Associated with Congenital Heart Disease
- 12:35 PM Questions
- 12:45 PM Lunch in Exhibit Hall**
- 1:45 PM Round Robin (no CME)**

How I Do It: Pediatric

3:15 PM Choosing between MRI and CT

3:50 PM Radiation Dose Reduction Strategies for CT Angiography

Monday, October 4, 2010 (continued)

4:15 PM MRI Protocol for Repaired Tetralogy of Fallot

4:35 PM Pediatric Coronary MRA: How to do it

4:55-5:15 PM Questions

OR

Concurrent Advanced Cardiac CT Case Review/CoAP Review – Audience Response System

3:15 PM Coronary Arteries I

3:40 PM Valvular and Myocardial Disease

4:05 PM Pericardial Disease and Pulmonary Veins

4:30 PM Cardiac Masses

4:55 PM Coronary Arteries II: Including Congenital Anomalies

5:20 PM Congenital Heart Disease

5:45 PM-6:00 PM Questions

Tuesday, October 5, 2010

6:45-8:00 am *Continental Breakfast*

Case of the Day

Scientific Session 2

7:00 AM – 8:00 AM

Value of Cardiovascular Imaging/Young Investigator Awards

- 8:00 AM Will Calcium Score Affect the Decision to Treat with Statins?
- 8:30 AM Abstract Presentations
- 8:50 AM Controversies and Myths of Cardiac CTA
- 9:10 AM Abstract Presentations
- 9:30 AM Break**
- 9:45 AM Myocardial scar predicts increased risk of death, so what?
- 10:05 AM Abstract Presentations
- 10:35 AM The Economics of Cardiac CT
- 10:55 AM Abstract Presentations

Cutting-Edge Technology

- 11:15 AM Advances in CT Technology
- 11:35 AM Advances in MR Technology
- 11:55 AM Advances in Image Transfer, Storage, Teleradiology
- 12:15 PM Panel Discussion
- 12:30 PM Lunch on your own**
- 1:45 PM Awards Presentation**

Adult CHD

- 2:00 PM The Role of Imaging in Patients with Eisenmenger Syndrome
- 2:20 PM Complications in Adults after Fontan Operation
- 2:40 PM Valved Conduit vs. Valved Stent-Graft, Interventionist's Perspective
- 3:00 PM Valved Conduit vs. Valved Stent-Graft, Surgeon's Perspective
- 3:20 PM Imaging and Management of Adults with Coarctation and Aortic Arch Anomalies
- 3:40 PM Endovascular Closure of Septal Defects
- 4:00 PM Questions
- 4:15 PM Adjourn**