

## ADVANCED COURSE FOR CARDIOVASCULAR MRI SYMPOSIUM 2023

### FRIDAY, OCTOBER 27

8:00 am - 8:10 am

#### **Welcome and Introductions**

Dr. Prakash Masand; Dr. Shagun Sachdeva

8:10 am - 9:10 am & 9:10 am - 9:30 am

#### **Session: Tetralogy of Fallot & Panel Discussion**

Moderators: Dr. Nazia Hussain; Dr. Shiraz Maskatia

- a. 4D Flow vs 2D Cardiac MR for the evaluation of pulmonary regurgitation and ventricular volume repaired TET: Dr. Shiraz Maskatia
- b. Considerations for Harmony transcatheter pulmonary valve repair: Dr. Dhaval Parekh
- c. T1 Mapping for the evaluation of myocardial fibrosis in Tetralogy of Fallot, post repair: Dr. Chris Lam

9:30 am - 9:40 am

#### **Break Barwick**

9:40 am - 10:40 am & 10:40 am - 11:00 am

#### **Session: Aortopathy & Panel Discussion**

Moderators: Dr. Shaine Morris; Dr. Josh Robinson

- a. Indications for Cardiovascular CT/MRI in Aortopathy: Dr. Chalani Ellepola
- b. Guidelines for Aortic Root Replacement: A Surgeon's Perspective: Dr. Edward Hickey
- c. Aortopathy and Wall Shear Stress: Dr. Shaine Morris

11:00 am – 11:10 am

#### **Break**

11:10 am -12:10 pm & 12:10 pm - 12:30 pm

#### **Session: Single Ventricle & Panel Discussion**

Moderators: Dr. Mark Fogel; Dr. Asra Khan

- a. Cath-MRI in Fontan: Dr. Asra Khan
- b. Integrated Clinical & MR Imaging Assessment Late after Fontan Operation: Dr. Rahul Rathod
- c. Guidelines for Imaging Fontan Associated Liver Disease: Dr. Jonathan Dillman

12:30 pm - 1:30 pm

#### **Lunch**

1:30 pm - 2:30 pm & 2:30 pm - 2:50 pm

#### **Session: Cardiomyopathy & Panel Discussion**

Moderators: Dr. Lars Grosse-Wortmann;

Dr. Vivek Muthurangu

- a. CMR in MIS-C Myocarditis: Dr. Supriya Jain
- b. Cardiac MRI in the Assessment of Cardiac Injury and Toxicity from Cancer Related Chemotherapy: Dr. Andrew Powell
- c. New ML Approaches for Discovering Novel Phenotypes in Heart Muscle Disease - Insight from Adults: Dr. Vivek Muthurangu

2:50 pm – 3:00 pm

#### **Break**

**3:00 pm - 4:00 pm & 4:00 pm - 4:20 pm**

**Session: AAOCA (Coronary Anomalies) & Panel Discussion**

Moderators: Dr. Silvana Molossi; Dr. Ziyad Binsalamah

- a. Algorithm for a Successful AAOCA Program: Dr. Silvana Molossi
- b. Stress Perfusion MRI for AAOCA: Dr. Shagun Sachdeva
- c. Role of Cath FFR for Coronary Anomalies: Dr. Lindsay Eilers

**4:20 pm – 4:30 pm**

**Closing Remarks**

**SATURDAY, OCTOBER 28**

**8:00 am - 8:10 am**

**Welcome and Introductions**

**8:10 am - 9:10 am & 9:10 am - 9:30 am**

**Session: Pulmonary Vein Imaging & Panel Discussion**

Moderators: Dr. Athar Qureshi; Dr. Srinath Gowda

- a. Clinical Considerations in PVS: Dr. Srinath Gowda
- b. Imaging Considerations in Pulmonary Vein Stenosis: Dr. Prakash Masand
- c. Cath Versus Surgical Repair in PVS: Dr. Athar Qureshi

**9:30 am - 9:40 am**

**Break**

**9:40 am -11:00 am & 11:00 am - 11:20 am**

**Session: Advanced Topics in Cardiovascular CT & Panel Discussion**

Moderators: Dr. Kelly Han; Dr. Cynthia Rigsby

- a. Utility of CT for RV-PA Conduits: Dr. Rida Salman
- b. Pediatric Coronary Artery Stenosis: Dr. Kelly Han
- c. Renal Artery Stenosis Imaging with CT: Dr. Sid Jadhav
- d. Uncommon Vascular Rings and Slings: Dr. Monica Epelman

**11:20 am - 11:30 am**

**Break**

**11:30 am - 12:30 pm**

**Session: Interesting Cases**

Moderators: Dr. Chris Wilkinson; Dr. Deidra Ansah

- a. Interesting MRL Cases: Dr. Dave Biko
- b. Interesting Coronary Anomaly Cases: Dr. LaDonna Malone
- c. Interesting Neonatal Cardiac CT Cases: Dr. Prakash Masand
- d. Interesting Cardiomyopathy Cases: Dr. Deidra Ansah

**12:30 pm - 1:30 pm**

**Lunch**

**1:30 pm - 2:50 pm**

**Session: Highlighted Research Topics**

Moderators: Dr. Taylor Chung; Dr. Raj Krishnamurthy

- a. Nationwide: Dr. Raj Krishnamurthy
- b. Sick Kids: Dr. Israel Valverde
- c. Texas Children's Hospital: Dr. Shagun Sachdeva
- d. Lurie: Dr. Cynthia Rigsby; Dr. Josh Robinson

**2:50 pm – 3:00 pm**

**Break**

**3:00 pm - 4:30 pm**

**Session: CT vs MRI Debate Topics & Panel Discussion**

Moderators: Dr. Cnthia Rigsby; Dr. Andy Powell

- a. CT vs MRI for Pre-Glenn Evaluation: Pro CT (Dr. Kelly Han); Pro MRI (Dr. Vivek Muthurangu)

- b. CT vs MRI for Coronary Anomalies: Pro CT (Dr. Tam Doan); Pro MRI (Dr. Mark Fogel)

4:30 pm

**Closing Remarks and Adjourn**

| DAY 1         |             |          |             |   |
|---------------|-------------|----------|-------------|---|
| Start Time ET | End Time ET | Duration | CME         | Session/Presentation Title                                |
| 8:00 AM       | 8:10 AM     |          |             | Welcome & Introduction (Including Technical Instructions) |
| 8:10 AM       | 9:30 AM     | 1:20     | 1.25        | Session 1   |
| 9:30 AM       | 9:40 AM     | 0:10     |             | Break   |
| 9:40 AM       | 11:00 AM    | 1:20     | 1.25        | Session 2   |
| 11:00 AM      | 11:10 AM    | 0:10     |             | Break   |
| 11:10 AM      | 12:30 PM    | 1:20     | 1.25        | Session 3   |
| 12:30 PM      | 1:30 PM     | 1:00     |             | Lunch Break   |
| 1:30 PM       | 2:50 PM     | 1:20     | 1.25        | Session 4   |
| 2:50 PM       | 3:00 PM     | 0:10     |             | Break   |
| 3:00 PM       | 4:20 PM     | 1:20     | 1.25        | Session 5   |
| 4:20 PM       | 4:30 PM     | 0:10     | 0.00        | Closing remarks for the day                               |
|               |             |          | <b>6.25</b> |   |

| DAY 2         |             |          |             |   |
|---------------|-------------|----------|-------------|---|
| Start Time ET | End Time ET | Duration | CME         | Session/Presentation Title                                |
| 8:00 AM       | 8:10 AM     |          |             | Welcome & Introduction (Including Technical Instructions) |
| 8:10 AM       | 9:30 AM     | 1:20     | 1.25        | Session 1   |
| 9:30 AM       | 9:40 AM     | 0:10     |             | Break   |
| 9:40 AM       | 11:20 AM    | 1:40     | 1.75        | Session 2   |
| 11:20 AM      | 11:30 AM    | 0:10     |             | Break   |
| 11:30 AM      | 12:30 PM    | 1:00     | 1.00        | Session 3   |
| 12:30 PM      | 1:30 PM     | 1:00     |             | Lunch Break   |
| 1:30 PM       | 2:50 PM     | 1:20     | 1.25        | Session 4   |
| 2:50 PM       | 3:00 PM     | 0:10     |             | Break   |
| 3:00 PM       | 4:30 PM     | 1:30     | 1.50        | Session 5   |
| 4:20 PM       | 4:30 PM     | 0:10     | 0.00        | Closing remarks for the day                               |
|               |             |          | <b>6.75</b> |   |

|               |              |
|---------------|--------------|
| <b>TOTAL:</b> | <b>13.00</b> |
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