

ADVANCED COURSE FOR CARDIOVASCULAR MRI SYMPOSIUM 2023

27th – 28th October 2023 (Friday, Saturday)

8:00-8:10 am: Welcome and introduction to the first day of the advanced course (Prakash Masand & Shagun Sachdeva)

(OCTOBER 27TH)

8:10-9:10 am & 9:10 to 9:30 am panel discussion

Session: Tetralogy of Fallot

Moderators: Jolie Britt (britt@bcm.edu), Shiraz Maskatia (shirazm@stanford.edu)

- a. 4D Flow vs 2D Cardiac MR for the evaluation of pulmonary regurgitation and ventricular volume repaired TET: Shiraz Maskatia (shirazm@stanford.edu)
- b. Considerations for Harmony transcatheter pulmonary valve repair: Dhaval Parekh (dparekh@bcm.edu)
- c. T1 Mapping for the evaluation of myocardial fibrosis in Tetralogy of Fallot, post repair: Chris Lam (christopher.lam@sickkids.ca)

9:30 - 9:40 Break

9:40-10:40 am & 10:40 to 11:00 am panel discussion

Session: Aortopathy

Moderators: Shaine Morris (shainem@bcm.edu), Josh Robinson (jdrobinson@luriechildrens.org)

- d. Indications for cardiovascular CT/MRI in aortopathy: Maryam Ghadimi Mahani (maryamg@med.umich.edu)
- e. Guidelines for aortic root replacement: A surgeon's perspective: Edward Hickey (exhickey@texaschildrens.org)
- f. Aortopathy and wall shear stress: Shaine Morris (shainem@bcm.edu)

11:00 –11:10 Break

11:10-12:10 am & 12:10 to 12:30 am panel discussion

Session: Single ventricle

Moderators: Mark Fogel (fogel@chop.edu), Asra Khan (asrak@bcm.edu)

- g. Cath-MRI in Fontan: **Asra Khan** (asrak@bcm.edu)
- h. Integrated clinical & MR imaging assessment late after Fontan operation: **Rahul Rathod** (Rahul.Rathod@childrens.harvard.edu)
- i. Guidelines for imaging Fontan associated liver disease: **Jonathan Dillman** (Jonathan.Dillman@cchmc.org)

12:30 to 1:30 pm lunch

1:30- 2:30 pm & 2:30 to 2:50 pm panel discussion

Session: Cardiomyopathy

Moderators: Lars Grosse-Wortmann (grossewo@ohsu.edu), Vivek Muthurangu (v.muthurangu@ucl.ac.uk)

- j. CMR in MIS-C myocarditis: **Supriya Jain** (sjain7@nymc.edu)
- k. Chemotherapy related CM: **Cara Morin** (caraeliza@gmail.com)
- l. Imaging biomarkers for LVNC: **Vivek Muthurangu** (v.muthurangu@ucl.ac.uk)

2:50 – 3:00 Break

3:00-4:00 pm & 4:00 to 4:20 pm panel discussion

Session: AAOCA (Coronary Anomalies)

Moderators: Silvana Molossi (smolossi@bcm.edu), Ziyad Binsalamah (zmbinsal@texaschildrens.org)

- m. Algorithm for a successful AAOCA program: **Silvana Molossi** (smolossi@bcm.edu)
- n. Stress perfusion MRI for AAOCA: **Shagun Sachdeva** (shagun.sachdeva@bcm.edu)
- o. Role of Cath FFR for coronary anomalies: **Lindsay Eilers** (eilers@bcm.edu)

4:20 – 4:30 Closing remarks for the day

8:00-8:10 am: Welcome and introduction to the second day of the advanced course
(OCT OBER 28TH)

8:10-9:10 am & 9:10 to 9:30 am panel discussion

Session: Pulmonary vein imaging

Moderators: Christopher Petit (petitc@kidsheart.com), Srinath Gowda (stgowda@texaschildrens.org)

- p. Clinical considerations in PVS: **Christopher Petit** (petitc@kidsheart.com)
- q. Imaging considerations in pulmonary vein stenosis: **Prakash Masand** (pmmasand@texaschildrens.org)
- r. Cath versus surgical repair: **Athar Qureshi** (axquresh@texaschildrens.org)

9:30 - 9:40 Break

9:40-11:00 am & 11:00 to 11:20 am panel discussion

Session: Advanced topics in cardiovascular CT

Moderators: Kelly Han (kelly.han@hsc.utah.edu), Cindy Rigsby (crigsby@luriechildrens.org)

- s. Utility of CT for RV-PA conduits: **Lindsay Griffin** (lindsay.m.griffin@gmail.com)
- t. Pediatric coronary artery stenosis: **Lorna Browne** (lorna.browne@childrenscolorado.org)
- u. Renal artery stenosis imaging with CT: **Sid Jadhav** (spjadhav@texaschildrens.org)
- v. Uncommon vascular rings and slings: **Erin Romberg** (erin.romberg@seattlechildrens.org)

11:20 - 11:30 Break

11:30-12:30 pm

Session: Interesting Cases

Moderators: Chris Wilkinson (james.wilkinson@bcm.edu), Deidra Ansah (deidra.ansah@bcm.edu)

- w. Interesting MRL cases: **Dave Biko** (bikod@chop.edu)
- x. Interesting coronary anomaly cases: **LaDonna Malone** (ladonna.malone@childrenscolorado.org)
- y. Interesting neonatal cardiac CT cases: **Rida Salman** (rxsalman@texaschildrens.org)
- z. Interesting cardiomyopathy cases: **Deidra Ansah** (deidra.ansah@bcm.edu)

12:30 to 1:30 pm lunch

1:30- 2:50 pm

Session: Highlighted research topics

Moderators: Taylor Chung, Raj K

- aa. Nationwide: **Raj K** (rajesh.krishnamurthy@nationwidechildrens.org)
- bb. Sick Kids: **Israel V** (israel.valverde@sickkids.ca)
- cc. TCH: **Shagun Sachdeva** (shagun.sachdeva@bcm.edu)
- dd. Lurie: **Cindy/Josh** (jdrobinson@luriechildrens.org)

2:50 – 3:00 Break

3:00-4:30 pm including panel discussion

Session: CT vs MRI Debate topics

Moderators: Cindy Rigsby (crigsby@luriechildrens.org), Andy Powell (andrew.powell@cardio.chboston.org)

- ee. CT vs MRI for Pre-Glenn evaluation: Pro CT (**Kelly Han** (kelly.han@hsc.utah.edu), Pro MRI (**Tobias Schlingman** (tobias.schlingmann@bcm.edu))
- ff. CT vs MRI for coronary anomalies: Pro CT (**Tam Doan** (tam.doan@bcm.edu)), Pro MRI (**Mark Fogel** (fogel@chop.edu))

4:30 pm: Closing remarks and adjourn