

BASIC COURSE FOR CARDIOVASCULAR MRI SYMPOSIUM 2023

24thth October (Tuesday)

12:00-12:10 pm: Welcome and introduction to the basic course

(Prakash Masand & Shagun Sachdeva)

12:10-1:10 pm & 1:10 to 1:30 am panel discussion

- a. Hardware, Gating & Sequences:
- b. Flow Quantification:
- c. Viability:

1:30 - 1:40 Break

1:40-2:40 pm & 2:40 to 3:00 pm panel discussion

- d. Time-resolved MRA:
- e. Non-contrast MRA techniques:
- f. Optimizing coronary artery imaging:

3:00 - 3:10 Break

3:10-4:10 pm & 4:10 to 4:30 am panel discussion

- g. Technical challenges in CHD CMR:
- h. Artefacts troubleshooting:
- i. Extracardiac Incidental findings:

25thth October (Wednesday)

8:00-8:10 am: Housekeeping items for the day

(Prakash Masand & Shagun Sachdeva)

8:10-9:30 am & 9:30 to 9:45 am panel discussion

- j. MR Contrast media:
- k. How to incorporate Ferumoxytol in practice:

- l. 4D Flow technique & optimization:
- m. How do I post process a 4D Flow sequence:

9:45 - 10:00 Break

10:00-11:00 am & 11:00 to 11:20 am panel discussion

- n. Myocardial mapping:
- o. MR evaluation of Cardiomyopathies:
- p. MR for Cardiac masses:

11:20 to 11:30 Break

11:30-12:30 pm

- q. CMR evaluation of TET:
- r. CMR evaluation of Aortopathy:
- s. CMR evaluation of TGA:

12:30 to 1:30 pm lunch

1:30 to 3:00 pm

Group 1: Scanner time

Group 2: 3D Post processing time

Group 3: Structured reporting template break out session

3:30 to 4:00 pm break

3:10 to 4:10 pm with panel discussion from 4:10 to 4:30 pm

Session: Cardiovascular CT technique

- t. CT physics for the beginner
- u. Technical considerations for gated cardiac CT
- v. Common pitfalls in Cardiac CT imaging
- w. Protocol optimization in cardiac CT

4:30 pm closing remarks for the day

26th October (Thursday)

8:00-8:10 am: Housekeeping items for the day

(Prakash Masand & Shagun Sachdeva)

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

- x. CMR evaluation for Myocarditis:
- y. CMR evaluation of PAPVC:
- z. CMR evaluation of Fontan:

9:30 to 9:45 am break

9:45 to 12:30 pm

Group 2: Scanner time

Group 3: 3D Post processing time

Group 1: Structured reporting template break out session

12:30 to 1:30 pm lunch

1:30 to 3:00 pm

Group 3: Scanner time

Group 1: 3D Post processing time

Group 2: Structured reporting template break out session

3:00 to 3:10 pm break

3:10 to 4:30 pm with panel discussion from 4:30 to 5:00 pm

Session: Cardiovascular CT didactics

Segmental cardiac anatomy

Neonatal indications

Vascular rings

Coronary anomaly cases

5:00 pm closing remarks for the day