



Stress CMR: Second Annual Workshop on Visual and Quantitative Assessment of Myocardial Perfusion

Friday October 4 and Saturday October 5, 2024, ACC Heart House, Washington DC

Day 1

7:00AM - 8:00AM – Registration and Breakfast

8:00AM - 9:50AM: Part I: Introduction to Stress CMR

- Moderators:
- 8:00AM - 8:05AM – Welcome
- 8:05AM - 8:15AM – Life after ISCHEMIA: The current role of stress testing, and stress MR in particular
- 8:15AM – 8:25AM – How do we stress in the magnet: The Basics of Stress MR
- 8:25AM -8:35AM – Introduction to Interpretation
- 8:35AM – 8:50AM– PANEL DISCUSSION Moderator
- 8:50AM -9:20AM - Cases from Duke University
- 9:20AM -9:50AM - Cases from the Royal Brompton and Harefield

9:50AM - 10:00AM: Break

10:00AM – 11:30AM: HANDS-ON SESSION

11:30AM – 12:30PM: LUNCH (sponsored talk if possible)

12:30PM - 2:30PM: Part II: Nuts and Bolts of Starting a Stress CMR Program

- Moderators:
- 12:30 – 12:40 PM – A different kind of coding: making the business case for stress CMR
- 12:40 – 12:50 PM – Negotiating with a Health System in starting a Stress MR program
- 12:50 – 1:00 PM – Tips for a Successful Program: The Radiology Experience
- 1:00 PM – 1:10 PM – Nursing requirements and patient preparation
- 1:10 PM – 1:20 PM – Safety and mechanisms of drugs used during a stress CMR exam: Picking the right agent
- 1:20 PM – 1:30 PM: PANEL DISCUSSION -
- 1:30 PM – 2:00 PM: Cases from Houston Methodist
- 2:00 PM – 2:30 PM: Cases from Georgetown

2:30-2:40 BREAK

2:40 – 4:10 – HANDS-ON SESSION

4:10- 4:20 BREAK

4:20PM - 6:20PM: PART III: Alternative Approaches and Special Populations

- Moderators:
- 4:20PM – 4:35PM: Dobutamine and Exercise stress MRI
- 4:35PM – 4:45PM: Stress MR in children and adolescents: How, When & Why
- 4:45PM – 4:55PM: Other quantitative techniques: the coronary sinus, semiquantitative, and more
- 4:55PM – 5:05PM: Go BOLD or go home
- 5:05PM – 5:20PM: PANEL DISCUSSION
- 5:20PM – 5:50PM: Cases Virginia Commonwealth University
- 5:50PM – 6:20 PM: Cases from McGill University

Day 2: SATURDAY

7:30-8 – BREAKFAST

8:00AM – 09:50AM: Part IV: Stress CMR – When the going gets tough . . .

- Moderators
- 8:00AM – 8:05AM: Welcome back
- 8:05AM – 8:15AM: Everything I need to know about the perfusion pulse sequences
- 8:15AM – 8:25AM: Interpretation of stress MR in known CAD
- 8:25AM – 8:35AM: Identifying & Avoidance: How to deal with Artifacts
- 8:35AM – 8:50AM: PANEL DISCUSSION
- 8:50AM – 9:20AM: Case of Complex CAD
- 9:20AM – 9:50AM: Cases that I learned a lot from

9:50AM - 10:00AM BREAK

10:00AM -11:30AM: HANDS ON SESSION

11:30AM – 12:30PM: LUNCH (Opportunity for sponsorship)

12:30PM – 2:35PM: PART V: The apex of all CV Imaging: Introduction to Quantification of Myocardial Blood Flow and Perfusion Reserve

- Moderators:
- 12:30PM – 12:40PM: Overview of quantitative perfusion CMR: Why do we need it, history, and current status
- 12:40PM – 12:50PM: Physiology of MBF & myocardial perfusion reserve
- 12:50PM – 1:05pm: Current approach to quantifying MBF using first pass perfusion CMR
- 1:05PM – 1:35PM: Cases with MBF Quantification from Leeds:
- 1:35PM – 2:05PM: Cases with MBF Quantification from the AQUA Study:

2:05PM - 2:20PM Break

2:20PM – 4:30PM: PART VI: Clinical Applications of Stress MR MBF

- Moderators:
- 2:20PM – 2:30PM Quantification of Myocardial Blood Flow – How to make sure your numbers are trustworthy
- 2:30PM – 2:40PM Interpretation and pitfalls of QP analysis
- 2:40PM – 2:50PM Understanding MBF in NICM
- 2:50PM – 3:00PM Integrating MBF with your visual assessment
- 3:00PM – 3:10PM Stratifying patient care based off coronary microvasculature responsiveness: Lessons Learned and Suggested Future Directions
- 3:10PM – 3:25PM PANEL DISCUSSION
- 3:25PM – 3:55PM Cases with MBF Quantification from University of Virginia
- 3:55PM – 4:25PM Cases with MBF Quantification from Barts:
- 4:25PM – 4:30PM Closing remarks: