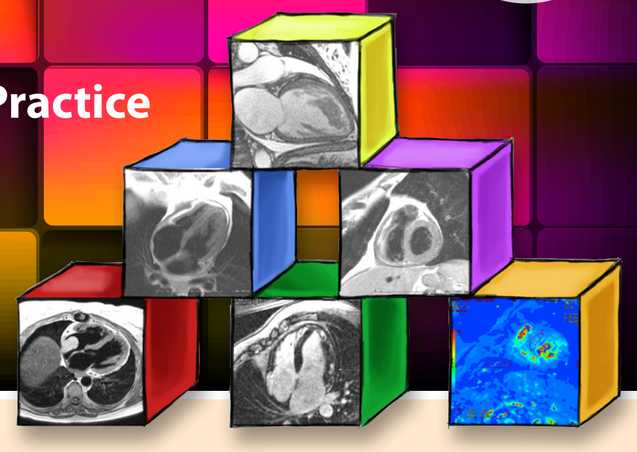
2nd Cardiac Imaging Marathon

Cardiac MRI in Everyday Practice



5-6.6.2013

Invited Speakers:

- **Dr. James Moon**
- **Prof. Jeanette Schulz Menger**
- **Prof. Shi-Joon Yoo**
- **Prof. Tal Geva**

James Moon, MD

Dr. James Moon is a cardiologist ,senior lecturer and the director of the Heart Hospital Imaging Centre in London. He has authored and co authored more than 100 articles in peer reviewed journals. Dr. Moon has given more than 60 invited national and international talks including plenary sessions at the SCMR annual meeting and ACC. He serves on the SCMR and BSCMR boards. Currently he runs the SCMR website. He won numerous awards for investigational projects in cardiac imaging.

Dr. Moon is currently setting up the UCL CMR academy. His current research activity focuses on CMR evaluation of acquired cardiac disease and cardiomyopathy specifically fibrosis evaluation.

Jeanette Schulz Menger, MD

Dr. Jeanette Schulz Menger is a professor in cardiology since 2008. She is an Elected Member of the University Council of the Charité Berlin since 2011. She is active in CMR since 1996. Dr. Schulz Menger authored and co-authored more than 100 publications focused on CMR.

She heads the Working Group Cardiac Magnetic Resonance at Charité Campus Buch and has established the department's Non-Invasive Cardiac Imaging.

Her research is focused on clinical topics including MR-physics, and she heads the Ultra-Highfield Unit, an inter-disciplinary Berlin consortium, operating a 7 tesla whole body MR.

She is one of the founding members the UTC (University Teaching Courses for Cardiovascular Magnetic Resonance) in Berlin. Dr. Schulz Menger founded a CMR-Teaching network within the HELIOS Clinics, which include 15 sites characterized by an effective interaction between radiologists and cardiologists.

Shi-Joon Yoo, MD, FRCPC

Dr. Shi-Joon Yoo is a cardiac radiologist leading the Division of Cardiac Imaging at the The Hospital for Sick Children in Toronto. He is a professor of the Departments of Medical Imaging and Pediatrics at the University of Toronto.

He has authored and co-authored more than 180 papers, 4 books and 18 book chapters His main clinical and research activities are MR and CT applications in children with cardiovascular disease and fetal echocardiography. He has developed a unique training program for cardiac imaging where both radiology and cardiology fellows collaborate closely together in a harmonious and productive manner. Recently he has introduced 3D printing or rapid prototyping technology to the program, allowing preoperative simulation of surgical procedures in patients with complex congenital heart disease.

Tal Geva, MD

Dr. Geva is a Professor of Pediatrics , Pediatric cardiology and Pathology at Harvard Medical School and Chief of the Noninvasive Division in the Department of Cardiology at Children's Hospital Boston. He has authored and coauthored more than 180 publications and is the co-editor of a textbook on echocardiography in congenital heart disease.

Dr. Geva established and developed the cardiac MRI program and is currently Chief of the Noninvasive Cardiac Imaging Division at Children's Hospital. He was President of the Pediatric Council of the American Society of Echocardiography and a member of the society's Board of Directors. His research focuses on the application of MRI to anatomic and functional imaging in congenital heart disease and on development of noninvasive methods to predict outcome based on morphometric and functional data.

PROGRAM

Wednesday, 5.6.2013

08:00-08:30 Registration, light breakfast

08:30-08:40 Welcome address:
Prof. Zeev Rotstein, Dr. Orly Goitein

Session I

Chairs: Prof. Ran Kornovsky ; Dr. Galit Aviram

08:40-09:00 Cardiac MRI: Introduction; Basic CMR sequnces
Dr. Orly Goitein (IL)

09:00-09:40 Stress Imaging
Dr. James Moon (UK)

09:40-10:00 Cardiac MRI: Myocarditis - the basics
Dr. Arik Wolak (IL)

10:00-10:40 CMR for assessment and guidance of myocardial inflammation
Prof. Jeanette Schulz Menger (DE)

10:40-11:00 Coffee Break

Session II

Chairs: Prof. Michael Glikson ; Prof. Eli Atar

11:00-11:45 The forgotten RV
Prof. Jeanette Schulz Menger (DE)

11:45-12:30 RV in CHD: from imaging to clinical decisions
Prof. Tal Geva (USA)

12:30-13:20 Reading cases with the experts
Dr. Galit Aviram (IL)
Dr. Jonathan Lessick (IL)
Dr. Ronen Durst (IL)
Dr. Sobhi Abadi (IL)

13:20-14:20 Lunch Break

Session III

Chairs: Prof. Elio Di Segni ; Prof. Elisha Bar Meir

14:20-15:00 T1 and T2 mapping
Dr. James Moon (UK)

15:00-15:20 CMR at 7 Tesla in human today - already a reality?
Prof. Jeanette Schulz Menger (DE)

15:20-15:35 T2* for iron oveload evaluation: present & future
Dr. Orly Goitein (IL)

Thusday, 6.6.2013

07:45-08:15 Registration, light breakfast

Session I

Chairs: Prof. Michael Eldar ; Prof. Eli Konen

08:15-08:55 Cardiac MRI: evaluation of cardiomyopathies
Dr. James Moon (UK)

08:55-09:25 Difficulties in the diagnosis of Heart disease in Athletes
Prof. Andre Keren (IL)

09:25-10:05 CMR assessment of cardiomyoapthies in children
Prof. Shi-Joon Yoo (CA)

10:05-10:45 MRI evaluation of cardiac tumors in children
Prof. Tal Geva (USA)

10:45-11:00 MRI evaluation of cardiac tumors in adults, the Sheba Experience
Prof. Eli Konen (IL)

11:00-11:25 Coffee Break

Session II

Chairs: Dr. Einat Birk ; Dr. Natalia Simanovsky

11:25-12:05 CMR evaluation of CHD: past, present and future
Prof. Tal Geva (USA)

12:05-12:25 Coronary imaging in CHD; CMR, CCTA
Dr. Yisahy Salem (IL)

12:25-13:05 Fetal cardiovascular MR
Prof. Shi-Joon Yoo (CA)

13:05-13:45 Indications for pulmonary valve replacement in repaired TOF: role of CMR
Prof. Tal Geva (USA)

13:45-14:30 Lunch Break

Session III

Chairs: Prof. Gad Keren ; Dr. Tamar Gaspar

14:30-14:45 The combined use of functional and anatomical diagnostic workup of coronary artery disease: MRI and CT coronary angiography
Dr. Ashraf Hamdan (IL)

14:45-15:15 Back to the analogue: 3D rapid prototyping of cardiac models
Prof. Shi-JoonYoo (CA)

15:15-16:15 Reading cases with the experts
Dr. Natalia Simanovsky (IL)
Dr. Arik Wolak (IL)
Dr. Amichay Rotstein (IL)
Dr. Yishai Salem (IL)

Closing remarks
Prof. Eli Konen (IL)

OFAKIM TRAVEL & CONGRESSES LTD.

Tel: 972-3-7610801, Fax: 972-3-7610799, Email: inbal@ofakim.co.il