The 2017 CMR Group Team:

Cardiac Imaging Center – MRI Program Faculties

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Walter Glezerman, PhD

Our Research Interests

We regularly improve many types of CMR approaches, and investigate new clinical insights through:

1) Pre-clinical technology development (blue), 2) Translational research (green), and 3) Clinically driven investigations (red).

Ventricular Shape Analysis

RV Shape Analysis for Tetralogy of Fallot

ICD Patient CMR

Fully Automated Basal Slice Correction

Automated Segmentation for perfusion and cine sequences

Quantitative Strain

New 3D Acquisition Development CENTRA-PLUS (left); NCS (right)

Radial Cine-CMR at a 15ms High-Temporal Resolution

ICM: Patient CMR

Proposed Protocol combining SENC and cine into a single BE:

Quantification of Tricuspid Regurgitation with CMR

SCMR 2017 – Please join us at our Presentations!

Thursday, Feb. 2

3:15 pm – CASE REVIEW: Akhil Narang
A Case of Lung Cancer, MI, and Cardiac Mass: The Added value of CMR

6:15 pm – P012: Amita Singh
Burden of Premature Ventricular Contractions and myocardial fibrosis as measured by Native Myocardial T1 Time: Is there an Association?

6:15 pm – P019: Akhil Narang
Mechanisms of Abnormal Myocardial Perfusion In Post-Heart Transplant Patients

6:15 pm – P033: Akhil Narang
Abnormalities In Myocardial Perfusion Are Associated With Subclinical Systolic Dysfunction in Post-Heart Transplant Patients

Contact: Amit Patel amitpatel@uchicago.edu

Friday, Feb. 3

11:15 am – CASE REVIEW: Amita Singh
Utilization of a Wideband Protocol to Attenuate Intracardiac Device Artifacts

12:30 pm – P166: Noreen Nazir
Utility of CMR in Survivors of Sudden Cardiac Death

12:30 pm – P167: Noreen Nazir
Improved Assessment of Ischemia: Comparison of Intermediate Dose Dobutamine Strain Encoded CMR vs SPECT

Saturday, Feb. 4

11:15 AM – R039: Diego Medvedovsky
CMR to Diagnose Orthotopic Heart Transplant Rejection

12:30 pm – P329: Keigo Kawaji
A Single BH Simultaneous Acq. of both Cine-CMR and Strain-Encoded CMR

12:30 pm – P332: Keigo Kawaji
Scan-Time Reduction by Improved Utilization of Idle Times by Permuting Pre-Scan Ordering