Cardiovascular Magnetic Resonance
University of Wisconsin School of Medicine and Public Health

Current Team

Mission
Improve human health through innovation in clinical care, imaging research, and education

Clinical Focus: Cardiac Magnetic Resonance Imaging

Cardiomyopathy
Ischemic disease
Pericardial disease

Clinical Focus: Magnetic Resonance Angiography

Pulmonary embolus
Aneurysms
Vasculitis
Acute aorta syndrome

Renal vascular disease
Vascular malformations

Cardiovascular Magnetic Resonance Research

Hemodynamic modeling
4D Flow MRI: Cardiothoracic
4D Flow MRI: Abdominal
MRA for pulmonary embolism
Pulmonary Hypertension

Exercice CMR
Non-contrast-enhanced MRA
Time-resolved MRA
Cardiac tissue characterization
Cardiac PET/CT

Teaching

• Faculty are actively involved in training of medical students, residents (2 months required in CV imaging), and fellows (MRI, Cardiothoracic and Cardiovascular Medicine – 2 to 6 months)
• Faculty routinely provide CME conferences at regional, national and international meetings

Key CMR publications
16. Reeder SB, et al. Quan
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