Budapest CMR Group
Heart and Vascular Center
Semmelweis University, Hungary

Members of the CMR Working Group

- Béla Merkely, Msc FESC, FACC
  Head of the Heart and Vascular Center, Vice President of the ESC

- Hajnalka Vágó MD, PhD
  Head of CMR Working Group
  Level 3 European CMR licence

- Attila Tóth MD
  Radiologist
  Level 3 European CMR licence

- Ibolya Csécs MD PhD fellow
- Ferenc Imre Suhai MD
  Radiology fellow

- Csilla Czimbalmos MD PhD fellow

Clinical focus:
- Cardiomyopathies, Fabry disease
- Myocarditis
- Professional athletes
- Heart transplant recipients
- Congenital heart diseases
- Cardiac tumors
- Imaging with implanted devices

Scientific cooperations:
- Heidelberg University, Germany
- Mayo Clinic, Sports Cardiology Center, USA
- University of Leuven, Belgium
- Sports Cardiology Working Group, Heart and Vascular Center, Hungary
- University of Pécs, Heart Institute, Hungary
- University of Physical Education, Hungary
- Hungarian National Sport Physiology and Diagnostic Center

Philips Achieva 1.5 T
- Dual Nova HP R2.6.3p9
  Cardiac Specialist Pro
  Coronary Specialist Pro
- Medis QMass MR and Qflow MedSuite beta testing

Research focus:

- Semmelweis SPORT
  Complex cardiovascular screening of athletes
  - Sport specific questionnaire, patient history
  - Physical examination, blood pressure measuring
  - Laboratory biochemical examination
  - Resting standard 12-lead ECG
  - Detailed 24-hour Holter
  - 2D and speckle tracking echocardiography
  - Cardiovascular magnetic resonance imaging
  - Musculoskeletal MRI
  - Body composition analysis
  - Cardiopulmonary exercise testing

- Role of CMR in differential diagnosis of athlete’s heart and cardiomyopathies
  - Distinguish ARVC or HCM and athlete’s heart using derived CMR parameters

Budapest SPORT
Study of Post Orthopaedic injury - Remodelling of Trained Athletes’s heart
- Investigation of cardiac deconditioning in a subpopulation of athletes suffered an orthopedic injury and looking for the tendency of reconditioning after rehabilitation

Budapest MARATHON
- Investigation of long distance runners before/after extremely intensive exertion

Recent papers:

CARDIOVASCULAR FLASHLIGHT
Danon disease: a rare cause of left ventricular hypertrophy with cardiac magnetic resonance followup

Hajnalka Vágó1, Miklós Somorjai, Attila Tóth1, and Béla Merkely2
1Heart and Vascular Center, Semmelweis University, All Grammar Street, Budapest H-1121, Hungary and 2Budapest Hospital Imaging, Budapest, Hungary

Corresponding author: Tel: +36 30 832 0201; Fax: +36 1 448 4401; Email: merkely@meduni.hu

DOI: 10.1016/j.ijcard.2015.05.004

Original Research
Coronary Artery Manifestation of Ormond Disease: The “Mistletoe Sign”

Original Research
Coronary Artery Manifestation of Ormond Disease: The “Mistletoe Sign”

Abstracts: American Society of Hematology

Budapest CMR Group
Heart and Vascular Center
Semmelweis University, Hungary