









Interventional Cardiac MRI & Advanced Electrophysiology

- WHAT YOU SEE IS WHAT YOU GET; NO INSIGHT: UNPREDICATBLE OUTCOMES -

PI **iCMR**: Marco Götte PI **Advanced EP**: Cor Allaart

Dept. Cardiology, AUMC – VUMC

Research group: 2 Pl's 1 Physicist

3 Post-docs 2 MR techs

2 Fellows 2 Cath.lab techs

4 PhDs



MISSION

To translate EP procedures from X-ray into a fully integrated MRI guided process.

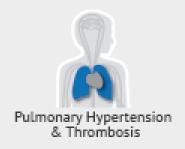
VISION

In 2023 AUMC will be a top-leading iCMR center, sharing unique expertise and knowledge to cure more patients from their electropathology than today. iCMR helps more people to stay fit and healthy.

DELIVERABLES

- Precise, non-ionization, non-invasive, 3D diagnostics for electropathology
- Personalized, specific, therapy-stratification
- Accurate peri-procedural guidance and precise, real-time feedback on interventions
- Predictable clinical outcomes and improved therapeutic success







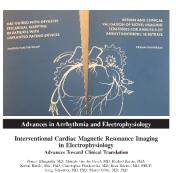




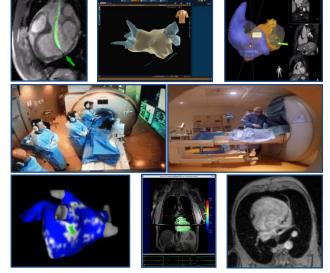
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Current expertise:







Current funding

- Dept. Cardiology AUMC-VUMC: 2 PhD

 - MR-compatible equipment
 - Tremendous efforts of multiple co-workers
- Several applications submitted / in preparation











Diabetes & Metabolism



Future plans

