

Curriculum Vitae

Dr. med. Mareike Cramer née Gastl

born in Belecke, Germany

present position:

Leading Physician Cardiovascular Magnetic Resonance

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EDUCATION AND TRAINING

2008 - 2015	Rheinisch-Westfaelische Technische Hochschule, Aachen
2015-2022	Residency, Division of Cardiology, Pulmonology and Vascular Medicine, University Hospital Düsseldorf, Germany
2015	Thesis: "Depicting the inner and outer nose: The representation of the nose and the nasal mucosa on the human primary somatosensory cortex (SI)" (<i>summa magna cum laude</i>)
2017-2019	PostDoc for Cardiovascular Magnetic Resonance, Institute for Biomedical Engineering, University and ETH Zürich; Residency, Department of Cardiology University Hospital Zürich, Schweiz
2018	Cardiovascular Magnetic Resonance Level 3, European Association of Cardiovascular Imaging & European Society of Cardiology
2022	Board Certification Internal Medicine & Cardiology
Since 06/2022	Leading Physician CMR

FELLOWSHIPS, GRANTS AND AWARDS

2007	Young Women in Public Affairs Award, Zonta-Club Lippstadt, Germany
2011 - 2013	Dean's List: Top 5% of the semester
2017	Research Fellowship of the German Research Foundation
2020	Senior Clinician Scientist Research Grant by the Forschungskommission of the medical faculty of the Heinrich-Heine-University Düsseldorf Germany
2020 - 2021	Educational Funding by the SelmaMeyer-PROF Program, HHU

MAJOR PUBLICATIONS

Gastl M, Peereboom SM, Fuetterer M, Boenner F, Kelm M, Manka R, et al. Cardiac- versus diaphragm-based respiratory navigation for proton spectroscopy of the heart. *Magn Reson Mater Physics, Biol Med.* 2018;32:259-268. doi: 10.1007/s10334-018-0711-y.

Gastl M, Peereboom SM, Gotschy A, Fuetterer M, von Deuster C, Boenner F, et al. Myocardial triglycerides in cardiac amyloidosis assessed by proton cardiovascular magnetic resonance spectroscopy. *J Cardiovasc Magn Reson.* 2019;21:10. doi: 10.1186/s12968-019-0519-6.

Gastl M, Peereboom SM, Fuetterer M, Boenner F, Kelm M, Manka R, et al. Retrospective phase-based gating for cardiac proton spectroscopy with fixed scan time. *J Magn Reson Imaging.* 2019; 50:1973-1981. doi: 10.1002/jmri.26802.

Gastl M, Gotschy A, Polacin M, Vishnevskiy V, Meyer D, Sokolska J, et al. Determinants of myocardial function characterized by CMR-derived strain parameters in left ventricular non-compaction cardiomyopathy. *Sci Rep.* 2019;9:15882. doi: 10.1038/s41598-019-52161-1.

Gastl M, Lachmann V, Christidi A, Janzarik N, Veulemans V, Haberkorn S, Holzbach L, Jacoby C, Schnackenburg B, Berrisch-Rahmel S, Zeus T, Kelm M, Bönner F. Cardiac Magnetic Resonance T2 Mapping and Feature Tracking in Athlete's Heart and HCM. *European Radiology.* 2021;31:2768-2777. doi: 10.1007/s00330-020-07289-4

All publications: <https://www.ncbi.nlm.nih.gov/myncbi/mareike.gastl.1/bibliography/public/>

MAJOR RESEARCH INTERESTS

- cardiovascular magnetic resonance
- diabetes mellitus
- ischemic heart disease including acute myocardial infarction