

## Curriculum Vitae

### Priv.-Doz. Dr. med. Maximilian Claus Spieker

Born 1989 in Münster, Germany



#### Current Position and Address

Attending and Postdoctoral Research Fellow  
Division of Cardiology, Pulmonary Diseases  
and Vascular Medicine  
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#### Education and Training

2010-2016	Medical School, Heinrich-Heine University Düsseldorf, Germany; New Somerset Hospital, Cape Town, South Africa
2016-2022	Residency, Division of Cardiology, Pulmonology and Vascular Medicine, University Hospital Düsseldorf, Germany
2023-present	Attending, Division of Cardiology, Pulmonology and Vascular Medicine, University Hospital Düsseldorf, Germany
2017	Thesis: "T2 Mapping Analyse steigert die Genauigkeit der MRT basierten Myokarditis Diagnostik" with magna cum laude
2020	Board Certification <i>Emergency Medicine</i>
2022	Board Certification <i>Internal Medicine &amp; Cardiology</i>
2024	Board Certification <i>Intensive Care Medicine</i>
2024	Board Certification <i>Invasive Electrophysiology</i>

#### Fellowships, Grants and Awards

2021	Clinical Scientist Track, Medical Faculty, Heinrich-Heine University Düsseldorf, Germany
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#### Memberships

- Deutsche Gesellschaft für Kardiologie - Herz- und Kreislaufforschung e.V. (DGK)
- European Society of Cardiology (ESC)
- European Heart Rhythm Association (EHRA)
- Heart Failure Association of the ESC (HFA)
- European Association of Cardiovascular Imaging (EACVI)

#### Major Research Interests

- Dynamic Mitral Regurgitation
- Interventional Therapy of Mitral Regurgitation
- Left Atrial Cardiomyopathy

## Major Publications

**Spieker M**, Sidabras J, Lagarden H, Christian L, Angendoehr S, Zweck E, Bejinariu A, Veulemanns V, Schulze C, Polzin A, Rana O, Westenfeld R, Kelm M, Horn P. Prevalence and prognostic impact of dynamic atrial functional mitral regurgitation assessed by isometric handgrip exercise. *Eur Heart J Cardiovasc Imaging*. 2024 Apr 30;25(5):589-598. doi: 10.1093/ehjci/jead336.

**Spieker M**, Lagarden H, Sidabras J, Veulemanns V, Christian L, Bejinariu A, Akhyari P, Rana O, Polzin A, Horn P, Kelm M, Westenfeld R. Prevalence, mechanisms, and prognostic impact of dynamic mitral regurgitation assessed by isometric handgrip exercise. *Eur Heart J Cardiovasc Imaging*. 2024 Jan 29;25(2):240-248. doi: 10.1093/ehjci/jead230. PMID: 37740790.

**Spieker M**, Zweck E, Pfister R, Becher M, Westenfeld R of the Heart Failure Network Rhineland. Risk Scores for Mortality Prediction After Transcatheter Mitral Valve Repair. *J Am Coll Cardiol*. 2022 Jun 14;79(23):e477-e478. doi: 10.1016/j.jacc.2022.03.382.

**Spieker M**, Metze C, Kavsar R, Horn P, Iliadis C, Tiyerili V, Pfister R, Becher M, Westenfeld R. Prognostic Value of the CHA2DS2-VASc Score in Patients Undergoing the MitraClip Procedure. *J Am Coll Cardiol Interv*. 2019 Dec, 12 (24) 2562–2564. <https://doi.org/10.1016/j.jcin.2019.08.045>

**Spieker M**, Katsianos E, Gastl M, Behm P, Horn P, Jacoby C, Schnackenburg B, Reinecke P, Kelm M, Westenfeld R, Bönner F. T2 mapping cardiovascular magnetic resonance identifies the presence of myocardial inflammation in patients with dilated cardiomyopathy as compared to endomyocardial biopsy. *Eur Heart J Cardiovasc Imaging*. 2018 May 1;19(5):574-582. doi: 10.1093/ehjci/jex230.



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