

Curriculum Vitae Sven Plein, MD, PhD, FRCP, FESC, FEACVI, MSCMR

Professional Appointments and Academic Qualifications

British Heart Foundation Professor of Cardiovascular Imaging	2017 – now
Professor of Cardiology University of Leeds, UK	2013 – now
Visiting Professor King's College London, UK	2008 – now
Visiting Professor University College London, UK	2019 – now
Consultant Cardiologist Leeds Teaching Hospitals NHS Trust, UK	2007 – now
Certificate of Completion of Training (Cardiology, General Medicine)	2007
Member of the Royal College of Physicians, London	2004
PhD University of Leeds, UK	2003
MD University of Marburg, Germany	1996
Medical degree University of Marburg, Germany	1995

Clinical work

GMC registered (4380023)	1996
Consultant Cardiologist Leeds Teaching Hospitals NHS Trust	2007 - now
Cardiac Magnetic Resonance Lead Leeds Teaching Hospitals NHS Trust	2016 – now
Cardiac Magnetic Resonance Guys and St Thomas' Hospital, London	2015 – now

Local leadership positions

Director Advanced Imaging Centre Leeds	2016 – now
Head of Department of Biomedical Imaging Science, Leeds Institute of Cardiovascular and Metabolic Medicine	2016 – now
Head of Department of Cardiovascular Imaging, School of Biomedical Engineering and Imaging Science, Kings College London	2017 – 2022
Clinical Lead Cardiac Magnetic Resonance Leeds Teaching Hospitals NHS Trust	2016 – now

Fellowships

Master of the Society for Cardiovascular Magnetic Resonance	2024
Fellow of the European Society of Cardiology	2023
Fellow of the European Association of Cardiovascular Imaging	2023
Fellow of the Royal College of Physicians, London	2016

International societal leadership positions

President Society for Cardiovascular Magnetic Resonance	2022 – 2023
Executive Committee Society for Cardiovascular Magnetic Resonance	2019 – 2023
Member of the ESC Congress Programme Committee	2017 – 2019
Vice President European Association of Cardiovascular Imaging	2014 – 2016
Co-founder and Senior Associate Editor European Heart Journal Cardiovascular Imaging	2014 – now
Co-lead of the Task Force to create the European Association of Cardiovascular Imaging	2013 – 2014
Chairman Section CMR of the European Society of Cardiology	2013 – 2014
Board member Working Group CMR of the European Society of Cardiology	2010 – 2013
Nucleus member of the Working Group CMR of the ESC	2008 – 2013

Teaching and education

Joint editor of the <i>European Textbook of Cardiovascular Magnetic Resonance</i>	2017
Co-founder European Association of Cardiovascular Imaging CMR Training course	2015
Creator of mobile CMR App 'CMR Guide'	2015

Chair of the Education Committee of the WG on CMR of the ESC	2010 – 2013
C-chair of the Examboard of the WG on CMR of the ESC	2010 – 2013
Task Force lead for the first European CMR curriculum, certification and examination	2013
Supervised 42 MD/PhD students (35 completed, 7 ongoing) to date	

Selected Publications (out of 433 total publications, h-index 77, citations 26,183)

1. Parwani P, Chen T, Allen B, Kallianos K, Ng MY, Kozor R, Aremu OO, Farooqi KM, Secinaro A, Ricci F, Mohareem-Elgamal S, Liberato G, Narang A, Ojha V, Ducci CB, Plein S, Ordovas KG. Challenges and opportunities for early career medical professionals in cardiovascular magnetic resonance (CMR) imaging: a white paper from the Society for Cardiovascular Magnetic Resonance. *J Cardiovasc Magn Reson*. 2023 Nov 16;25(1):65. doi: 10.1186/s12968-023-00968-3.
2. Marwick TH, Gimelli A, Plein S, Bax JJ, Charron P, Delgado V, Donal E, Lancellotti P, Levelt E, Maurovich-Horvat P, Neubauer S, Pontone G, Saraste A, Cosyns B, Edvardsen T, Popescu BA, Galderisi M, Derumeaux G; Reviewers: This document was reviewed by members of the 2020–2022 EACVI Scientific Documents Committee; Bäck M, Bertrand PB, Dweck M, Keenan N, Magne J, Neglia D, Stankovic I. Multimodality imaging approach to left ventricular dysfunction in diabetes: an expert consensus document from the European Association of Cardiovascular Imaging. *Eur Heart J Cardiovasc Imaging*. 2022 Jan 24;23(2):e62-e84. doi: 10.1093/ehjci/jeab220.
3. Almeida AG, Carpenter JP, Cameli M, Donal E, Dweck MR, Flachskampf FA, Maceira AM, Muraru D, Neglia D, Pasquet A, Plein S, Gerber BL. Multimodality imaging of myocardial viability: an expert consensus document from the European Association of Cardiovascular Imaging (EACVI). *Eur Heart J Cardiovasc Imaging*. 2021 Jul 20;22(8):e97-e125. doi: 10.1093/ehjci/jeab053.
4. Petersen SE, Khanji MY, Plein S, Lancellotti P, Bucciarelli-Ducci C. European Association of Cardiovascular Imaging expert consensus paper: a comprehensive review of cardiovascular magnetic resonance normal values of cardiac chamber size and aortic root in adults and recommendations for grading severity. *Eur Heart J Cardiovasc Imaging*. 2019 Dec 1;20(12):1321-1331. doi: 10.1093/ehjci/jez232.
5. Donal E, Delgado V, Bucciarelli-Ducci C, Galli E, Haugaa KH, Charron P, Voigt JU, Cardim N, Masci PG, Galderisi M, Gaemperli O, Gimelli A, Pinto YM, Lancellotti P, Habib G, Elliott P, Edvardsen T, Cosyns B, Popescu BA. Multimodality imaging in the diagnosis, risk stratification, and management of patients with dilated cardiomyopathies: an expert consensus document from the European Association of Cardiovascular Imaging. *Eur Heart J Cardiovasc Imaging*. 2019 Oct 1;20(10):1075-1093. doi: 10.1093/ehjci/jez178.
6. Habib G, Bucciarelli-Ducci C, Caforio ALP, Cardim N, Charron P, Cosyns B, Dehaene A, Derumeaux G, Donal E, Dweck MR, Edvardsen T, Erba PA, Ernande L, Gaemperli O, Galderisi M, Grapsa J, Jacquier A, Klingel K, Lancellotti P, Neglia D, Pepe A, Perrone-Filardi P, Petersen SE, Plein S, Popescu BA, Reant P, Sade LE, Salaun E, Slart RHJA, Tribouilloy C, Zamorano J. Multimodality Imaging in Restrictive Cardiomyopathies: An EACVI expert consensus document In collaboration with the "Working Group on myocardial and pericardial diseases" of the European Society of Cardiology Endorsed by The Indian Academy of Echocardiography. *Eur Heart J Cardiovasc Imaging*. 2017 Oct 1;18(10):1090-1121. doi: 10.1093/ehjci/jex034.