



Elections to EACVI Board 2024-2026

Application for the position: *(Select one position)*

- EACVI President-Elect
- EACVI Treasurer
- EACVI Secretary
- EACVI Councillor (Echocardiography)
- EACVI Councillor (Cardiovascular Magnetic Resonance)
- EACVI Councillor (Nuclear Cardiology & Cardiac CT)
- EACVI Vice-President-Elect (Echocardiography)
- EACVI Vice-President-Elect (Cardiovascular Magnetic Resonance)
- EACVI Vice-President-Elect (Nuclear Cardiology & Cardiac CT)
- EACVI Ordinary Nominating Committee member

1. Your Identity	
Title	Dr
Family Name(s)	Treibel
First Name(s)	Thomas
Birth Date	12/09/1979
Type of address	Business <input checked="" type="checkbox"/> Home <input type="checkbox"/>
Institute/Organisation	Barts Heart Centre / University College London
Department	Cardiac Imaging
Address	2 nd Floor KGV, Barts Heart Centre, Smithfield
Post Code/Zip	EC1A 8AF
City	London
Country	United Kingdom
Mobile Phone	██████████
Phone	
Email	████████████████████





2. Previous experience(s) in the EACVI or ESC or your National Bodies?

EACVI

- Program Chair, SCMR/EACVI Annual Scientific Session, London, January 2024: joint conference of EACVI, ESCR and SCMR; largest CMR conference to date with 2900 participants and a faculty of >400 cardiologists and radiologists, scientists and technologists.
- Member, EACVI Cardiac Magnetic Resonance Task Force, 02/23 – to date
- Co-author: EACVI consensus document: [Multi-modality imaging in aortic stenosis: an EACVI clinical consensus document](#). Dweck MR, ... Treibel TA, ..., Otto CM, Pibarot P. **Eur Heart J Cardiovasc Imaging**. 2023.

SCMR

- Recording lead SCMR Annual conference 2014 – 2016 (>500 lectures recorded for the SCMR website).
- SCMR web committee 2014 – 2018.
- SCMR education committee 2023 – to date.
- Lead for SCMR multi-modality lecture series 2022/23.

National (British Society of Cardiovascular Magnetic Resonance [BSCMR])

- Board Member, British Society of Cardiovascular Magnetic Resonance, 07/2020 – to date.
- Program Chair, BSCMR Annual Meeting (Hybrid), Royal College of Physicians, London, October 2022.

3. Are you a Board or Nucleus Member of another scientific organisation?

Yes No

If Yes, please specify:

- Research Working group member for valvular heart disease for BSCMR (leading this group since 2021) 10/19 – to date.
- Task force co-lead, Clinical Trials, NIHR-BHF Cardiovascular Partnership AS Working Group, 04/23 – to date.
- Co-founder of the Special Interest Group for ECV by CT, Society of Cardiovascular CT, July 2024.

**4. Selected publications (please list 10 max)**

1. **Treibel TA**, Fontana M, ..., Piechnik SK, Kellman P, ... Moon JC. Automatic Measurement of the Myocardial Interstitium: [Synthetic Extracellular Volume Quantification Without Hematocrit Sampling](#). **JACC Cardiovasc Imaging**. 2016 DOI: 10.1016/j.jcmg.2015.11.008.
2. **Treibel TA**, López B, González A, ..., Moon JC. Reappraising [Myocardial Fibrosis in Severe Aortic Stenosis](#) – an invasive and non-invasive study in 133 patients. **Eur Heart J**. 2017. DOI: 10.1093/eurheartj/ehx353
3. **Treibel TA**, ..., Díez J, Moon JC. [Reverse Myocardial Remodeling](#) in Aortic Stenosis: Cellular Hypertrophy and Diffuse but not Focal Fibrosis Regress Following Aortic Valve Replacement. **J Am Coll Cardiol**. 2018. DOI: 10.1016/j.jacc.2017.12.035
4. Musa TA*, **Treibel TA***, ..., Dweck MR, Myerson SG, McCann GP, **Moon JC**, Greenwood JP. [Myocardial Scar and Mortality](#) in Severe Aortic Stenosis. **Circulation**. 2018. DOI: 10.1161/CIRCULATIONAHA.117.032839
5. Everett RJ, **Treibel TA**,..., Cavalcante JL, Lee SP, McCann GP, Greenwood JP, Moon JC, Dweck MR [Extracellular Myocardial Volume in Patients With Aortic Stenosis](#). **J Am Coll Cardiol**. 2020. DOI: 10.1016/j.jacc.2019.11.032
6. Nitsche C, ..., Moon JC, Mascherbauer J, **Treibel TA**. Prevalence and Outcomes of Concomitant [Aortic Stenosis and Cardiac Amyloidosis](#). **J Am Coll Cardiol**. 2020. DOI: 10.1016/j.jacc.2020.11.006
7. **Treibel TA**,..., Moon JC. [COVID-19 PCR in asymptomatic health-care workers](#). **Lancet**. 2020. DOI: 10.1016/S0140-6736(20)31100-4
8. Reynold C, ..., **Treibel TA**,..., Boyton R. [Prior SARS-CoV-2 infection augments B and T cell responses to single dose vaccination](#) rescuing immunity to variants. **Science** 2021. DOI: 10.1126/science.abh1282
9. Swadling L, **Treibel TA**,..., Maini M. [Pre-existing polymerase-specific T cells expand in abortive seronegative SARS-CoV-2](#). **Nature**. 2022. DOI: 10.1038/s41586-021-04186-8
10. Thornton GT, ... **Treibel TA**. [Myocardial scar and remodelling predict long-term mortality](#) in severe aortic stenosis beyond 10 years. **Eur Heart J**. 2024. DOI: 10.1093/eurheartj/ehae067





EACVI

European Association of
Cardiovascular Imaging

5. Publication metrics

ORCID ID: 0000-0003-1560-7414

Google scholar profile link:

<https://scholar.google.com/citations?user=VITQ30cAAAAJ&hl=en>

Google scholar h-index: 56

6. Total number of peer reviewed publications / textbooks and chapters

PubMed 170 publications

Citations 11,919

Book chapter 1



ESC

European Society
of Cardiology



7. Why are you interested in joining the EACVI Board (300 words max)?

I am a dedicated multi-modality imager (Level III CMR and CT, practicing TTE+TOE), and I believe in the EACVI's mission to promote excellence in the field of cardiovascular imaging:

Clinical excellence: I lead one of the largest CMR departments in the UK with 9,000 scans annually, which is at the forefront of clinical CMR research (T1 mapping, synthetic ECV, perfusion mapping, AI/ML).

Research: As the group lead of my own research lab at University College London, my work focuses on myocardial remodeling and heart failure in valvular heart disease, crucial areas for improving patient outcomes. I invented the synthetic ECV approach which facilitate easy ECV quantification without venous haematocrit.

Education: Serving as Program Co-Chair for the CMR2024 conference, the largest CMR event to date (2900 attendees; faculty 400+; 4 days; 8 parallel sessions), I have gained invaluable experience collaborating with EACVI leadership and the broader European and international CMR community. This role deepened my understanding of the needs of clinicians and scientists within the EACVI community.

Nationally, my leadership roles on the BSCMR Board and various research groups have enabled me to initiate and manage professional development programs at all levels. Notably, I founded the BSCMR radiographers webinar series, which has been highly successful, and served as Program Chair for the largest-ever BSCMR Annual Conference in 2021.

HIT: I am particularly passionate about fostering the next generation of imagers, including our Heart Imagers of Tomorrow community, and promoting radiographer involvement, demonstrated by my co-founding and mentorship of the BSCMR radiographer group.

With my extensive experience in EACVI, BSCMR and SCMR, I am well-positioned to contribute significantly to the EACVI Board and support the advancement of cardiovascular imaging. My vision is to strengthen the training aspects of multi-modality aspects in EACVI and the role of CMR as a major component.