



Elections to EACVI Board 2022-2024

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)

1. Your Identity

Title	Professor
Family Name(s)	Westwood
First Name(s)	Mark
City	London
Country	UK





2. General Curriculum Vitae (300 words max)

Background

- Trained at University of Oxford and St Bartholomew's Hospital, London
- Consultant Cardiologist (2008-)
- CMR Director, London Chest Hospital
 - One of UKs' largest CMR services within 2 years
 - 2010-2015, >3,500 scans/year

UK, CMR

- Co-founder: "London CMR" (2008-)
 - Second largest UK CMR meeting
- President: British Society of CMR (BSCMR, 2020-)
 - Developed national standards: CMR workplace based assessments
 - Developed and delivered largest ever annual meeting (2021), >200 delegates (hybrid)

UK, Training/Education

- Training Programme Director: North East London (2012-2022)
 - Lead programme, >70 trainees
 - One of UK's most highly rated Cardiology training programmes
 - Barts Heart Centre voted UK's best overall cardiology training centre (2022)
- Chair: Cardiology Specialty Advisory Committee, (SAC, 2022)
 - Responsible nationally for >500 trainees
 - Leading delivery of new cardiology curriculum launching 2022
- Member: Education Committee, British Cardiovascular Society (BCS, 2013-2016)
 - Led team of 15-20 producing online editorials

UK, General Cardiology

- Councillor: British Cardiovascular Society (BCS, 2017-)
 - Member, Programme Committee for 4 parallel track congress
 - Developed sessions including BCS quiz





International, CMR:

- Board member: CMR section, EACVI (2016-2018)
 - Part of team delivering CMR 2018, largest ever CMR meeting
- Chief Examiner: EuroCMR Examination (2014-2017)
 - 100% increase in candidates, 75 (2014), 180 (2017)
- Chair: Education Committee, Society for Cardiovascular Magnetic Resonance (SCMR, 2014-2016)
 - Led team of 20, developed online tutorials

International, Cardiac Imaging:

- Chair: Certification/Accreditation, EACVI (2017-)
 - Led growth to >1,000 applicants/year (2017-)
 - 3 new certification programmes
 - Nuclear Cardiology (2017)
 - Congenital CMR (2018)
 - Cardiac CT (2018)
 - Led online examinations (2020)

International, Training and Education:

- President: Council for European Specialists Medical Assessment (CESMA, 2018-)
 - Overhauled biannual meeting
 - Introduced regular workshops
- Member: Education Committee, ESC (2018-)
 - Part of team that wrote European Core Cardiology Curriculum (2020)
 - Developed ESC Quiz (2018-)



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

ESC:

Member, Education Committee, ESC (2018-)

EACVI:

Chair, Certification and Accreditation Committee, EACVI (2016-)

EACVI Board member, (2016-2018)

Elected CMR Section Nucleus Member (2016-2018)

Chief examiner for EACVI CMR examination (2015-2017)

Chair, EACVI CMR Examination Board (2015-2017)

National Roles:

President, UK Specialty Advisory Committee (SAC) for Cardiology (UK national training body, 2022-)

President, British Society of CMR (BSCMR, 2020-)

Vice President, Training, British Cardiovascular Society (BCS, 2022-)

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

Yes No

If Yes, please specify:

President, the Council for European Specialists Medical Assessment (CESMA, 2018-)

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

1. Nagel E, Greenwood JP, McCann GP, Bettencourt N, Shah AM, Hussain ST, Perera D, Plein S, Bucciarelli-Ducci C, Paul M, **Westwood MA**, Marber M, Richter WS, Puntmann VO, Schwenke C, Schulz-Menger J, Das R, Wong J, Hausenloy DJ, Steen H, Berry C; MR-INFORM Investigators. Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. *New England Journal of Medicine*. 2019 Jun 20;380(25):2418-2428.
2. Fox K, Price S, Achenbach S, Aguiar C, Bruining N, Cowie M, Plummer C, Roffi M, **Westwood M**. The European Society of Cardiology - A Digital Educator. *J Eur CME*. 2021 Dec 9;10(1):2014039.
3. **Westwood MA**, Pennell DJ. Reducing mortality by myocardial T2* cardiovascular magnetic resonance at national level. *Eur Heart J*. 2021 Dec 15:ehab814.
4. Camm CF, Joshi A, Moore A, Sinclair HC, **Westwood M**, Greenwood JP, Calver A, Ray S, Allen C. Bullying in UK cardiology: a systemic problem requiring systemic solutions. *Heart*. 2022 Feb;108(3):212-218.
5. Keenan NG, Captur G, McCann GP, Berry C, Myerson SG, Fairbairn T, Hudsmith L, O'Regan DP, **Westwood M**, Greenwood JP. Regional variation in cardiovascular magnetic resonance service delivery across the UK. *Heart*. 2021 Dec;107(24):1974-1979.
6. de Knecht MC, Rossi A, Petersen SE, Wragg A, Khurram R, **Westwood M**, Saberwal B, Mathur A, Nieman K, Bamberg F, Jensen MT, Pugliese F. Stress myocardial perfusion with qualitative magnetic resonance and quantitative dynamic computed tomography: comparison of diagnostic performance and incremental value over coronary computed tomography angiography. *Eur Heart J Cardiovasc Imaging*. 2020 Oct 8;jeaa270. doi: 10.1093/ehjci/jeaa270.
7. Tanner FC, Brooks N, Fox KF, Gonçalves L, Kearney P, Michalis L, Pasquet A, Price A, Bonnefoy E, **Westwood M**, Plummer C, Kirchhof P, ESC Scientific Document Group. ESC Core Curriculum for the Cardiologist. *Eur HJ*. 2020 Oct;41(38):3605-3692
8. Pontone G, Gimelli A, Maurovich-Horvat P, Dweck MR, Gaemperli O, **Westwood M**. Cardiac Computed Tomography Certification at Euroecho Imaging 2018. *Eur Heart J Cardiovasc Imaging*. 2019 Mar 1;20(3):253-254.
9. Fox K, Achenbach S, Bax J, Cosyns B, Delgado V, Dweck MR, Edvardsen T, Flachskampf F, Habib G, Lancellotti P, Muraru D, Neglia D, Pontone G, Schwammenthal E, Sechtem U, **Westwood M**, Popescu BA. Multimodality imaging in cardiology: a statement on behalf of the Task Force on Multimodality Imaging of the European Association of Cardiovascular Imaging. *Eur Heart J*. 2019 Feb 7;40(6):553-558.





10. Menacho K, Ramirez S, Segura P, Nordin S, Abdel-Gadir A, Illatopa V, Bhuvu A, Benedetti G, Boubertakh R, Abad P, Rodriguez B, Medina F, Treibel T, **Westwood M**, Fernandes J, Walker JM, Litt H, Moon JC. INCA (Peru) Study: Impact of Non-Invasive Cardiac Magnetic Resonance Assessment in the Developing World. J Am Heart Assoc. 2018 Sep 4;7(17): e008981.

6. Publication metrics

ORCID ID: 0000-0001-9331-1948

Google scholar profile link:

https://scholar.google.com/citations?user=eI_Z4bEAAAAJ&hl=en&oi=ao

Google scholar h-index: 29

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

57 peer reviewed publications (27 in the past 5 years).





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

My interest in this post is around 3 key principles, "Vision, Advocacy and Stability."

Vision:

In cardiac imaging we must promote the best of each technique underpinned with a strong evidence base. Imaging services have been disrupted from COVID and even now we are struggling to recover. Delivery of safe but cost effective healthcare across Europe is more paramount than ever. Having delivered national and international training programmes and published on multimodality imaging makes me ideally placed to deliver this vision.

Advocacy:

As a true multimodality imaging specialist practising CMR and Cardiac CT and fully trained in echocardiography I have the skills to advocate for the most appropriate use of cardiac imaging, whilst fully promoting the benefits of CMR. As Chair of Certification and Accreditation for EACVI I lead a team of 2 Vice Chairs, 7 chief examiners and over 50 examination board members delivering certification across all 4 imaging modalities. Under my leadership we have over 1,000 candidates taking one of these programmes annually and I oversaw the transition to online examinations.

Stability:

As we have adapted to new ways of working I have delivered nationally highly successful hybrid congresses and I am the Director of Strategy for the EACVI 2023 congress. I have held multiple positions of responsibility and am able to negotiate and deliver on time and on budget at international level.

Having been the forerunner of cardiac imaging, echocardiography plays a pivotal role throughout cardiology. With Cardiac CT becoming the front line test for the assessment of chest pain, CMR with its unparalleled tissue characterisation techniques and nuclear cardiology with the exciting field of inflammatory markers I am confident that I have the drive, passion and the key skills to deliver the very best for EACVI, cardiac imaging and most importantly our patients.