

Elections to EACVI Board and Sections 2016-2018

**Application for the
position:**

**EACVI CMR Section
Nucleus Member**



1. Your Identity

Title: Dr

Family Name(s): Westwood

First Name(s): Mark

Birth Date: 1st March 1973

Type of address: Work

Institute/Organisation: Barts Heart Centre
St Bartholomews Hospital

Department: CMR Department

Address: Dr M Westwood
CMR Department
Advanced Imaging
2nd Floor KGV Building
Barts Heart Centre
St Bartholomews Hospital
West Smithfield

Post Code/Zip: EC1A 7BE

City: London

Country: UK

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2. General Curriculum Vitae (300 words max)

I am a Cardiologist at Barts Heart Centre. As the lead for CMR at the London Chest Hospital I set up and led the CMR department developing a world class CMR service. In the last full year of operation (2014) this was the UK's second largest CMR service performing over 3,500 CMR scans and one of the largest European CMR perfusion services. I led on merging this department to form the CMR service at Barts Heart Centre, which is now the largest in Europe.

As Director of Medical Education at St Bartholomew's Hospital I manage the delivery of training and education for over 125 junior Doctors. I deliver and coordinate one the most highly rated regional training programmes for over 60 cardiology trainees in the UK. To improve the delivery of core training in CMR in the UK I wrote national guidance. As chair of the SCMR Education Committee I have developed online learning modules in CMR to provide online CPD.

To emphasise the clinical utility of CMR within and outside the CMR community I created London CMR, which has expanded to become the second largest UK CMR meeting.

I organised the 10th Annual British Society of CMR (BSMCR) Annual Conference at St Bartholomews Hospital which was the largest ever meeting with over 200 delegates. At EuroCMR and SCMR I have presented and chaired sessions regularly. I was instrumental in the development of case based sessions at the SCMR annual meeting and the 'World Cup' at EuroCMR and SCMR. As the Chief Examiner for the European CMR examination this examination has expanded from 75 to nearly 200 candidates. Through my research in the use of myocardial T2* imaging for the assessment of cardiac iron loading the mortality from this condition in thalassaemia has fallen by over 80%.

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

National:

- 2016-present:** Treasurer,
British Society of CMR (BSCMR)
- 2013-present:** Member, Education Committee,
British Cardiovascular Society (BCS)
- 2014-2016:** Deputy Treasurer,
British Society of CMR (BSCMR)
- 2010-2014:** Board Member,
British Society of CMR (BSCMR)

European:

- 2014-present:** Chief Examiner,
The European Society of Cardiovascular Imaging (EACVI)
CMR Examination
- 2009-present:** Question Writer,
Knowledge Based Assessment for Core Cardiology
- 2013-2014:** Board Member,
The European Society of Cardiovascular Imaging (EACVI)
CMR Examination

Worldwide:

- 2015-present:** Chair, Education Committee,
Society for Cardiovascular Magnetic Resonance (SCMR)
- 2013-2015:** Co-Chair, Education Committee,
Society for Cardiovascular Magnetic Resonance (SCMR)
- 2010-2013:** Member, Education Committee,
Society for Cardiovascular Magnetic Resonance (SCMR)

4. Are you a Board or Nucleus Member of another scientific organisation? If Yes, please specify

I have the current positions of responsibility:

Treasurer, British Society for Cardiovascular Magnetic Resonance (BSCMR)

Chief Examiner CMR section, The European Society of Cardiovascular Imaging (EACVI)

Chair Education Committee, The Society for Cardiovascular Magnetic Resonance (SCMR)

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5. Publications (please list 10 max)

- 1) Abdel-Gadir A, Vorasettakarnkij Y, Ngamkasem H, Nordin S, Ako EA, Tumkosit M, Sucharitchan P, Uaprasert N, Kellman P, Piechnik SK, Fontana M, Fernandes JL, Manisty C, **Westwood M**, Porter JB, Walker JM, Moon JC. Ultrafast Magnetic Resonance Imaging for Iron Quantification in Thalassaemia Participants in the Developing World: The TIC-TOC Study (Thailand and UK International Collaboration in Thalassaemia Optimising Ultrafast CMR). *Circulation*. 2016 Aug 2;134(5):432-4.
- 2) Hamshere S, Jones DA, Pellaton C, Longchamp D, Burchell T, Mohiddin S, Moon JC, Kastrup J, Locca D, Petersen SE, **Westwood M**, Mathur A. Cardiovascular magnetic resonance imaging of myocardial oedema following acute myocardial infarction: Is whole heart coverage necessary? *J Cardiovasc Magn Reson*. 2016 Jan 23;18(1):7.
- 3) Bourantas CV, Garcia-Garcia HM, Torii R, Zhang YJ, **Westwood M**, Crake T, Serruys PW. Vulnerable plaque detection: an unrealistic quest or a feasible objective with a clinical value. *Heart*. 2016 Jan 18. pii: heartjnl-2015-309060.
- 4) Choudry F, Hamshere S, Saunders N, Veerapen J, Bavnbek K, Knight C, Pellerin D, Locca D, **Westwood M**, Rakhit R, Crake T, Kastrup J, Parmar M, Agrawal S, Jones D, Martin J, Mathur A. A randomized double-blind control study of early intra-coronary autologous bone marrow cell infusion in acute myocardial infarction: the REGENERATE-AMI clinical trial. *Eur Heart J*. 2016 Jan 14;37(3):256-63.
- 5) Jones DA, Pellaton C, Velmurugan S, Rathod KS, Andiapen M, Antoniou S, van Eijl S, Webb AJ, **Westwood MA**, Parmar MK, Mathur A, Ahluwalia A. Randomized phase 2 trial of intracoronary nitrite during acute myocardial infarction. *Circ Res*. 2015 Jan 30;116(3):437-47.
- 6) **Westwood MA**, Ghosh AK. The Dawn of Perfusion CMR: Taking Over From FFR in Suspected Coronary Artery Disease? *JACC Cardiovasc Imaging*. 2014 Nov;7(11):1106-7.
- 7) Lesson of the month 1: Pericardial mass and cardiac tamponade associated with *Mycoplasma pneumoniae*. Sawhney V, Maksunova O, Ahsan S, Ozkor M, **Westwood M**. *Clin Med*. 2014 Oct;14(5):549-51.
- 8) Petersen SE, Almeida AG, Alpendurada F, Boubertakh R, Bucciarelli-Ducci C, Cosyns B, Greil GF, Karamitsos TD, Lancellotti P, Stefanidis AS, Tann O, **Westwood M**, Plein S; On behalf of the Education Committee of the European Association of Cardiovascular Imaging Association (EACVI). Update of the European Association of Cardiovascular Imaging (EACVI) Core Syllabus for the European Cardiovascular Magnetic Resonance Certification Exam. *Eur Heart J Cardiovasc Imaging*. 2014 Jul;15(7):728-729.
- 9) Rathod KS, **Westwood M**, Uppal R, Deaner A. An incidental finding of a calcified right-atrial mass in a young patient treated with chemotherapy 20 years ago. *BMJ Case Rep*. 2014 May 14;2014.
- 10) Jones DA, Gallagher S, Rathod K, Jain AK, Mathur A, Uppal R, **Westwood M**, Wong K, Rothman MT, Shipolini A, Smith EJ, Mills PG, Timmis AD, Knight CJ, Archbold RA, Wragg A. Clinical outcomes after myocardial revascularization according to operator training status: cohort study of 22 697 patients undergoing percutaneous coronary intervention or coronary artery bypass graft surgery. *Eur Heart J*. 2013 Oct;34(37):2887-95.

6. Received Hirsch Index : Year / Index

H-index:

All: 21

Since 2011: 21

7. Received Impact Factor(s) : Year / IF

i10-index:

All: 25

Since 2011: 23

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8. Why are you interested in joining the EACVI Board (150 words max)?

As a cardiologist and the Director of Education at Barts Heart Centre I am passionate about ensuring equitable pan-European CMR access for patients. As an Interventional Cardiologist and a Cardio-Oncologist I understand the central importance of imaging to diagnostics, patient management and promoting the widespread clinical use of CMR.

I have delivered training and Education at Local, National, European and Worldwide level. As chief examiner of the EACVI CMR examination I understand the needs of the CMR community for high quality training and standards.

I am regularly invited to speak internationally on CMR. As programme chair for the British Society of CMR Annual Congress in 2015 I delivered a high quality dedicated CMR meeting with multiple parallel tracks and over 200 delegates.

I believe my drive and enthusiasm for CMR make me well placed for this role to expand the use of CMR benefitting all patients across Europe.



European Association of Cardiovascular Imaging

A Registered Branch of the ESC

*To promote excellence in clinical diagnosis, research, technical development,
and education in cardiovascular imaging in Europe.*

