Elections to EACVI Board 2020-2022

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	Associate Professor of Medicine
Family Name(s)	Marwan
First Name(s)	Mohamed
Birth Date	10.07.1979
Type of address	Business ☒ Home ☐
Institute/Organisation	University Hospital Erlangen
Department	Cardiology Department
Address	Ulmenweg 18
Post Code/Zip	91054 Erlangen
City	Erlangen
Country	Germany

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2. General Curriculum Vitae (300 words max)

PERSONAL DATA

Surname: Marwan
First name: Mohamed
Marital status: Married, 3 sons
Nationality: German

EDUCATION / CERTFICATES

May 2016	Associate Professor of Internal Medicine
March 2012	German Boards of Cardiology
December 2010	Doctoral degree
	Faculty of Medicine, Friedrich-Alexander University, Erlangen, Germany Grade 'MAGNA CUM LAUDE'
May 2008	Kleines Deutsches Sprachdiplom (German language diploma, Goethe institute)
November 2006	M. Sc. in Cardiovascular medicine
	Ain shams University, Faculty of Medicine, Cairo, Egypt Grade 'Excellent'
December 2002	Bachelor of Medicine and General Surgery MB. Bch
	Ain Shams University, Faculty of Medicine , Cairo, Egypt Grade 'Excellent with Highest Honours'
August 1996	Egyptian High School Diploma
	Class of 1996, Rank: 1st

LICENSURE/REGISTRATION

April 2012	Unrestricted license to practice medicine in Germany
March 2004	Unrestricted license to practice medicine in Egypt. Egyptian Ministry of Health # 150814

EXPERIENCE

September 2018	Senior Consultant
	Friedrich-Alexander University, Erlangen, Germany
Mar 2013 – Sept 2018	Attending/Staff Cardiologist
	Friedrich-Alexander University, Erlangen, Germany
October 2012 – Feb. 2013	Resident – Cardiovascular Department
	Friedrich-Alexander University, Erlangen, Germany
July 2011 – Sept2012	Resident – Cardiology Department

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	Heart Center, Bad Segeberg, Germany
Sept 2007- June 2011	Resident – Cardiovascular Department
	Friedrich-Alexander University, Erlangen, Germany
June 2004 – June 2007	Resident – Cardiovascular Medicine Department
	Ain Shams University Hospital, Cairo, Egypt
Mar2003- Mar 2004	Rotating intern
	Ain-Shams University Hospital, Cairo, Egypt

AWARDS:
ESC Best Poster Award 2015
SCCT Best Abstract Award 2018

LINGUISTIC SKILLS

Arabic	Mother tongue
German	Fluent written and spoken
English	Fluent written and spoken
French	Good knowledge

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

Past Head of the working group of Cardiac CT (AG 24), German Society of Cardiology (2018-2020)

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

Yes ☒ No ☐ If Yes, please specify:	Working Group Cardiac CT, German Society of Cardiology

5. Publications (please list max 10 of your most important publications)

1. Non-invasive detection of coronary inflammation using computed tomography and prediction of residual cardiovascular risk (the CRISP CT study): a post-hoc analysis of prospective outcome data.

Oikonomou EK, **Marwan M**, Desai MY, Mancio J, Alashi A, Hutt Centeno E, Thomas S, Herdman L, Kotanidis CP, Thomas KE, Griffin BP, Flamm SD, Antonopoulos AS, Shirodaria C, Sabharwal N, Deanfield J, Neubauer S, Hopewell JC, Channon KM, Achenbach S, Antoniades C.
Lancet. 2018 Aug 24. pii: S0140-6736(18)31114-0. doi: 10.1016/S0140-6736(18)31114-0

2.	CT-derived left ventricular global strain in aortic valve stenosis patients: A comparative analysis pre and post transcatheter aortic valve implantation. **Marwan M**, Ammon F, Bittner D, Röther J, Mekkhala N, Hell M, Schuhbaeck A, Gitsioudis G, Feyrer R, Schlundt C, Achenbach S, Arnold M. **J Cardiovasc Comput Tomogr. 2018** May - Jun;12(3):240-244. doi: 10.1016/j.jcct.2018.01.010. Epub 2018 Feb 3
3.	Comparison of invasively measured FFR with FFR derived from coronary CT angiography for detection of lesion-specific ischemia: Results from a PC-based prototype algorithm. Röther J, Moshage M, Dey D, Schwemmer C, Tröbs M, Blachutzik F, Achenbach S, Schlundt C, **Marwan M**. **J Cardiovasc Comput Tomogr. 2018** Mar - Apr;12(2):101-107. doi: 10.1016/j.jcct.2018.01.012. Epub 2018 Jan 31
4.	German cardiac CT registry: indications, procedural data and clinical consequences in 7061 patients undergoing cardiac computed tomography. **Marwan M**, Achenbach S, Korosoglou G, Schmermund A, Schneider S, Bruder O, Hausleiter J, Schroeder S, Barth S, Kerber S, Leber A, Moshage W, Senges J. **Int J Cardiovasc Imaging. 2018** May;34(5):807-819. doi: 10.1007/s10554-017-1282-0. Epub 2017 Dec
5.	Quantification of epicardial adipose tissue by cardiac CT: Influence of acquisition parameters and contrast enhancement. Marwan M, Koenig S, Schreiber K, Ammon F, Goeller M, Bittner D, Achenbach S, Hell MM. Eur J Radiol. 2019 Dec;121:108732. doi: 10.1016/j.ejrad.2019.108732.
6.	Prospectively ECG-triggered high-pitch coronary angiography with third-generation dual-source CT at 70 kVp tube voltage: feasibility, image quality, radiation dose, and effect of iterative reconstruction. Hell MM, Bittner D, Schuhbaeck A, Muschiol G, Brand M, Lell M, Uder M, Achenbach S, **Marwan M**. **J Cardiovasc Comput Tomogr. 2014** Nov-Dec;8(6):418-25. doi: 10.1016/j.jcct.2014.09.003. Epub 2014 Sep 16
7.	Leaflet thrombosis following transcatheter aortic valve implantation. **Marwan M**, Mekkhala N, Göller M, Röther J, Bittner D, Schuhbaeck A, Hell M, Muschiol G, Kolwelter J, Feyrer R, Schlundt C, Achenbach S, Arnold M. **J Cardiovasc Comput Tomogr. 2018** Jan - Feb;12(1):8-13. doi: 10.1016/j.jcct.2017.11.002. Epub 2017 Nov 9

8.	Accuracy of dual-source computed tomography to identify significant coronary artery disease in patients with atrial fibrillation: comparison with coronary angiography. **Marwan M**, Pflederer T, Schepis T, Lang A, Muschiol G, Ropers D, Daniel WG, Achenbach S. **Eur Heart J. 2010** Sep;31(18):2230-7. doi: 10.1093/eurheartj/ehq223.
9.	In vivo CT detection of lipid-rich coronary artery atherosclerotic plaques using quantitative histogram analysis: a head to head comparison with IVUS. **Marwan M**, Taher MA, El Meniawy K, Awadallah H, Pflederer T, Schuhbäck A, Ropers D, Daniel WG, Achenbach S. **Atherosclerosis. 2011** Mar;215(1):110-5. doi: 10.1016/j.atherosclerosis.2010.12.006. Epub 2010 Dec 16
10.	Detection of coronary artery stenoses by low-dose, prospectively ECG-triggered, high-pitch spiral coronary CT angiography. Achenbach S, Goroll T, Seltmann M, Pflederer T, Anders K, Ropers D, Daniel WG, Uder M, Lell M, **Marwan M**. **JACC Cardiovasc Imaging. 2011** Apr;4(4):328-37. doi: 10.1016/j.jcmg.2011.01.012.

6. Hirsch Index to date, by Web of Science

Hirsch index 34
i10 index 70

Cardiovascular imaging has experienced, and is still experiencing tremendous advancements as far as hardware as well as software technology is concerned. In every day clinical routine, crucial decisions are daily being taken based on imaging findings. These decisions include changes to treatment strategies, performing further testing, recommending or adhering to preventive measures, and ultimately affect patient outcomes. Appropriate use of different imaging modalities which includes choosing the right modality, the right patient, adequate performance of the imaging test as well as professional reporting is crucial for providing high quality medical care. Furthermore, a growing body of scientific evidence is currently available that help guide and support the use of different imaging modalities in different disease constellations.

The EACVI represent a well-organized professional body that has the ability to influence the future of cardiovascular imaging and through it, guidance and continuous medical education can be provided for health care professionals across the globe. I would be honoured to have the chance to be part of this working group and share my knowledge on a broader scale through participating with experienced colleagues from different parts of the world in the EACVI Board.