



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)	Moharem Elgamal
First Name(s)	Sarah
Type of address	Business <input checked="" type="checkbox"/> Home <input type="checkbox"/>
Institute/Organisation	Liverpool Heart and Chest Hospital
Department	Cardiology
Address	Thomas Lane
Post Code/Zip	L14 3PE
City	Liverpool
Country	United Kingdom
Mobile Phone	
Phone	██████████
Email	████████████████████



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

- Chair of Web and Communications, EACVI 2022-2024 Mandate
- Deputy Chair of CT Certification and Accreditation, EACVI 2022-2024 Mandate
- Deputy Chair of Web and Communications, EACVI 2020-2022 Mandate
- ESC Membership Committee Member 2020-2022 Mandate
- EACVI CMR Lab Accreditation Committee Member 2020-2022 Mandate
- EACVI Excellence Awards Task Force Member 2020-2022 Mandate
- EACVI Heart Imager of Tomorrow Committee Member 2018-2020 Mandate
- EACVI CT Certification and Accreditation Subcommittee Member 2016-2018, 2018-2020 and 2020-2022 Mandates

Advisor for CardioEgypt Congress 2022, Egyptian Society of Cardiology

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

Yes No

If Yes, please specify:

EACVI Board

4. Selected publications (please list 10 max)

1. Use of Virtual Reality and 3D Models in Contemporary Practice of Cardiology. Minga I, Al-Ani MA, **Moharem-Elgamal S**, Md AVH, Md ASA, Masoomi M, Mangi S. Curr Cardiol Rep. 2024 Jun;26(6):643-650. doi: 10.1007/s11886-024-02061-2. Epub 2024 Apr 29

2. Challenges and opportunities for early career medical professionals in cardiovascular magnetic resonance (CMR) imaging: a white paper from the Society for Cardiovascular Magnetic Resonance. Parwani P, Chen T, Allen B, Kallianos K, Ng MY, Kozor R, Aremu OO, Farooqi KM, Secinaro A, Ricci F, **Moharem-Elgamal S**, Liberato G, Narang A, Ojha V,





Ducci CB, Plein S, Ordovas KG. J Cardiovasc Magn Reson. 2023 Nov 16;25(1):65. doi: 10.1186/s12968-023-00968-3.
3. Barison A, Timoteo AT, Liga R, Borodzicz-Jazdyk S, El Messaoudi S, Luong C, Mandoli GE, Moscatelli S, Ramkisoensing AA, Moharem-Elgamal S , Pontone G, Neglia D. Cardiovascular imaging research and innovation in 2023. Eur Heart J Imaging Methods Pract. 2024 Apr 18;2(1):qyae029.
4. Raza S, Aggarwal S, Jenkins P, Kharabish A, Anwer S, Cullington D, Jones J, Dua J, Papaioannou V, Ashrafi R, Moharem-Elgamal S . Coarctation of the Aorta: Diagnosis and Management. Diagnostics (Basel). 2023 Jun 27;13(13):2189.
5. Moharem-Elgamal S . T1 Mapping in Heart Failure: Prognostic Implications. Bras Cardiol. 2021 May;116(5):926-927.
6. Moharem-Elgamal S, Yeong M, Veerappan S, et al. Feasibility and Effectiveness of Transcatheter Aortic Valve Implantation in Adults with Congenital Heart Disease. Int J Cardiol Congenital Heart Disease (2021), p. 100116
7. Lawton CB, Moharem-Elgamal S , Dastidar AG, Rodrigues JCL, Biglino G, Bucciarelli-Ducci C. A pilot image interpretation teaching intervention to improve competence and confidence of radiographers to detect left ventricular thrombus in routine cardiac MRI scans. Radiography 2021;27(2):527-532
8. Pezel T, Coisne A, Mahmoud-Elsayed H, Mandoli GE, Moharem-Elgamal S et al. EACVI communication paper: first international young dedicated multimodal cardiovascular imaging simulation education event organized by the ESC. Eur Heart J Cardiovasc Imaging 2020 Feb 1;21(2):124-126.
9. Moharem-Elgamal S , Cameli M, Muraru D, Brassart V, Esperou-Surrel A, Mahmoud-Elsayed H, Bucciarelli-Ducci C, Popescu BA, Cosyns B, Edvardsen T. HIT communication paper: strategies and tips to increase your chances of winning an EACVI grant. Eur Heart J Cardiovasc Imaging. 2019 Jul 1;20(7):735-739.
10. Pontone G, Moharem-Elgamal S , Maurovich-Horvat P, Gaemperli O, Pugliese F; Document reviewers, Westwood M, Stefanidis A, Fox KF, Popescu BA. Training in cardiac computed tomography: EACVI certification process. Eur Heart J Cardiovasc Imaging. 2018; 19(2): 123-126.

5. Publication metrics

Google scholar profile link:

https://scholar.google.ca/citations?view_op=list_works&hl=en&hl=en&user=hDCdGYMAAAA

Google scholar h-index: 8





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

29 and 5 in review

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

Good knowledge of multimodality imaging (MMI) has a central role in everyday cardiology management. I joined EACVI as HIT ambassador for Egypt and have had the privilege to grow as a multimodality imager (CMR, CT and echocardiography) through the opportunities and experience from EACVI and as a previous recipient of the ESC Training Grant.

I believe I would be well suited in the EACVI Board as I have:

- Had a key role in developing the CT certification and accreditation process;
- Successfully mentored and supported my peers and younger colleagues who have gone on pursue a career as a cardiac imager;
- Been very active in various educational activities and social media;
- A drive to expand educational training and research opportunities;
- Enthusiasm to mentor and support my peers and younger colleagues who are/pursuing a career as a cardiac imager;
- Initiated with the support of the EACVI Leadership the Allied Health Care Professional (ACP) Task Force (now Special Interest Group) within EACVI
- Advocated for patient education and leading the EACVI Patient Information initiative and coordinated all the videos dedicated to our patients in 6 languages.

My contribution is in line with EACVI's vision of excellence in clinical diagnosis, research, technical development, and education in cardiovascular imaging. I am incredibly grateful and proud to be part and work with the imaging community. It has enhanced my career and standing in the Cardiovascular Imaging Community. I hope to continue to serve and give back to the EACVI Community. I think my skill set makes me an ideal candidate to contribute to the shaping of the cardiovascular imaging community in Europe and beyond.