



## 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	MD, PhD, FESC, FACC
Family Name(s)	Fontes-Carvalho
First Name(s)	Ricardo
Birth Date	10/12/1980
Type of address	Business <input checked="" type="checkbox"/> Home <input type="checkbox"/>
Institute/Organisation	Faculty of Medicine University of Porto & Gaia Hospital Centre
Department	Cardiology Department
Address	Rua Conceição Fernandes
Post Code/Zip	4200-319 Porto
City	Porto
Country	Portugal
Mobile Phone	[REDACTED]
Phone	
Email	[REDACTED]





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

### Previous Roles in European Society of Cardiology (ESC) and European Association of Cardiovascular Imaging (EACVI):

- Founder and Nucleus Member of the **ESC Cardiologists of Tomorrow** (2011-2015): currently ESC Committee Young Cardiovascular Professionals
- Member of the **Education Committee** of the European Society of Cardiology (2011-2016)
- Coordinator of the Task Force for the creation of the **ESC Webinars** (2012-2013)
- **Scientific coordinator** of the ESC Webinars on General Cardiology (2012-2016)
- Member of the Task Force for the Revision of the **ESC Core Curriculum in General Cardiology** 2013
- Member of the Task Force of the **ESC Electronic Platform (ESCeL) in General Cardiology – Version 2** (2014-2015)
- Organizer of the **Cardiac Imaging Quiz** in EuroEcho Congress (2016-2019)
- Member of the **Heart Imaging Committee of the Heart Failure Association** (2018-2020)
- Member of the **EACVI Scientific Activities Committee** (2018-2021)
- Member of the **ESC Global Affairs Committee** (2020-2022)
- **Board member** – Councillor- of the EACVI (2020-2022)
- Chairperson of the **EACVI Web and Communications Committee** (2021-2022)
- Member of the **EACVI Education Committee** (2023-2024)



**Some Previous Experience in National Scientific Societies:**

- Director of the **Cardiovascular Academy of the Portuguese Society of Cardiology** (2020-2025)
- Member of the **Board of the Cardiology College of the Portuguese Medical Association** (2018-2024)
- Member of the **Board of the Portuguese Society of Cardiology** (2016-2018)
- Scientific Committee of the **Portuguese Congress of Cardiology** (2016-2018)
- Founder and National Coordinator of the **Cardiologists of Tomorrow of the Portuguese Society of Cardiology** (2009-2011)

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

Yes  No

If Yes, please specify:

Governor of the **American College Cardiology (ACC)**, Portugal Chapter (2023-2024)

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

- 1. Impact of the 2016 ASE/EACVI recommendations on the prevalence of diastolic dysfunction in the general population.**  
Almeida JG, Fontes-Carvalho R, Sampaio F, Ribeiro J, Bettencourt P, Flachskampf FA, Leite-Moreira A, Azevedo A.  
Eur Heart J Cardiovasc Imaging. 2018 Apr 1;19(4):380-386. doi: 10.1093/ehjci/jex252.
- 2. Decoding the radiomic and proteomic phenotype of epicardial adipose tissue associated with adverse left atrial remodelling and post-operative atrial fibrillation in aortic stenosis.**  
Mancio J, Sousa-Nunes F, Martins R, Fraga-Marques M, Conceicao G, Pessoa-Amorim G, Barros AS, Santa C, Ferreira W, Carvalho M, Miranda IM, Vitorino R, Falcao-Pires I, Manadas B, Ribeiro VG, Leite-Moreira A, Bettencourt N, Fontes-Carvalho R.  
Eur Heart J Cardiovasc Imaging. 2022 Aug 22;23(9):1248-1259.
- 3. Is new grade Ia of diastolic dysfunction relevant at the population level?**  
Fontes-Carvalho R, Azevedo A, Leite-Moreira A.  
JACC Cardiovasc Imaging. 2015 Feb;8(2):229-30.



<p><b>4. Diastolic dysfunction in the diabetic continuum: association with insulin resistance, metabolic syndrome and type 2 diabetes.</b> <u>Fontes-Carvalho R</u>, Ladeiras-Lopes R, Bettencourt P, Leite-Moreira A, Azevedo A. Cardiovasc Diabetol. 2015 Jan 13;14:4. doi: 10.1186/s12933-014-0168-x.</p>
<p><b>5. Impaired Left Atrial Strain as a Predictor of New-onset Atrial Fibrillation After Aortic Valve Replacement Independently of Left Atrial Size.</b> Pessoa-Amorim G, Mancio J, Vouga L, Ribeiro J, Gama V, Bettencourt N, <u>Fontes-Carvalho R</u>. Rev Esp Cardiol 2018 Jun;71(6):466-476. doi: 10.1016/j.rec.2017.10.005.</p>
<p><b>6. Direct, inflammation-mediated and blood-pressure-mediated effects of total and abdominal adiposity on diastolic function: EPIPorto study.</b> <u>Fontes-Carvalho R</u>, Gonçalves A, Severo M, Lourenço P, Rocha Gonçalves F, Bettencourt P, Leite-Moreira A, Azevedo A. Int J Cardiol. 2015 Jul 15;191:64-70. doi: 10.1016/j.ijcard.2015.04.250.</p>
<p><b>7. Influence of epicardial and visceral fat on left ventricular diastolic and systolic functions in patients after myocardial infarction.</b> <u>Fontes-Carvalho R</u>, Fontes-Oliveira M, Sampaio F, Mancio J, Bettencourt N, Teixeira M, Rocha Gonçalves, Gama V, Leite-Moreira A. Am J Cardiol. 2014 Dec 1;114(11):1663-9. doi: 10.1016/j.amjcard.2014.08.037.</p>
<p><b>8. An integrative translational approach to study heart failure with preserved ejection fraction: a position paper from the Working Group on Myocardial Function of the European Society of Cardiology.</b> Lourenço AP, Leite-Moreira AF, Balligand JL, Bauersachs J, Dawson D, de Boer RA, de Windt LJ, Falcão-Pires I, <u>Fontes-Carvalho R</u>, Franz S, Giacca M, Hilfiker-Kleiner D, Hirsch E, Maack C, Mayr M, Pieske B, Thum T, Tocchetti CG, Brutsaert DL, Heymans S. Eur J Heart Fail. 2018 Feb;20(2):216-227. doi: 10.1002/ejhf.1059.</p>
<p><b>9. Transseptal Mitral Annuloplasty with the AMEND System: First-in-Human Experience.</b> Melica B, Braga P, Ribeiro J, Pires-Morais G, Fonte Boa A, Guerreiro C, Caeiro D, Pereira R, Meerkin D, <u>Fontes-Carvalho R</u>. JACC Cardiovasc Interv. 2022 Jan 10;15(1):e3-e5.</p>
<p><b>10. ESC core curriculum for the general cardiologist</b> TC Gillebert, N Brooks, <u>R Fontes-Carvalho</u>, Z Fras, P Gueret European heart journal 34 (30), 2381-2411</p>





## 5. Publication metrics

ORCID ID: 0000-0003-2306-8393

Google scholar profile link: Ricardo Fontes-Carvalho

Google scholar h-index: 28

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

- Author of **184 publications** in several international peer-review papers including *European Heart Journal*, *European Journal Cardiovascular Imaging*, *European Journal Heart Failure*, *Journal of the American College of Cardiology (JACC)*, *JACC Imaging*, *International Journal of Cardiology*, *Medicine*, *American Journal Cardiology*, *Diabetes* and others.
- Received **19 national and international awards**.
- Author of **10 publications as book chapters**
- **Invited speaker** in several international scientific meetings such as ESC Congress, American College Cardiology (ACC) Sessions, Heart Failure, EuroEcho Imaging, EACVI and several national Cardiology congresses (Italy, Spain, Germany, Canada, France, Russia, Portugal, Sri Lanka, Morocco, Angola, Philippines, Malaysia)



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

In recent years, we have seen breakthrough advances in the field of Cardiovascular Imaging. Although its clinical impact cannot be easily “measurable”, these advances allowed a significant improvement in the diagnosis, care, treatment and prognosis of patients with cardiovascular disease.

During the last years, the EACVI had a very important role in the promotion of the role of Cardiovascular Imaging as a cornerstone in the assessment of patients with CV disease, especially in the fields of research and education.

I am available to help the EACVI to further foster these several activities, especially in the following fields:

**1) Education:** the most important role of EACVI is to foster Education in CV Imaging. Using my previous experience in this field, I pretend to help the EACVI to implement new educational tools, centred in clinical practice, that can improve the assessment of the patients. Among other proposals, I propose to build new (digital) practical tutorials about the use of the new Cardiovascular Imaging techniques (Echo, CT, MRI) in clinical practice with a more frequent use of clinical cases, patient examples and clinical scenarios. Also to develop digital tools for the patients to understand the several imaging examinations.

**2) EACVI Funding:** nowadays scientific societies face increasing challenges and important constrains related with funding of its activities. In my role of Treasurer, I pretend to use my background formation as MsC in Health Economics and Outcomes in the London School of Economics (LSE) to find new and innovative ways to improve the EACVI finances.

**3) Digital transformation:** the digital world is a powerful tool to reach a truly worldwide and larger audience. The EACVI can have a greater and leading role in this area to further improve educational and research activities, by developing new integrated programs of webinars, webcasts and online training courses, coupled with digital networks of research in cardiovascular imaging. Social media platforms will be cornerstone in these activities.

**4) Translation of scientific knowledge to clinical practice:** currently we have several imaging techniques to improve our diagnostic and therapeutic capabilities, but their implementation in clinical practice is frequently low. I would like to contribute to reduce this gap with several research and educational programs. An important area (among many others) would be to have the EACVI leading the field of pocket echocardiography.

**5) Networking with peers, with a particular focus in the younger generation:** the EACVI should be also a place of interchange of knowledge and experience. The young community should be an important target of all EACVI activities, also promoting a more active involvement of the Young in all its initiatives. I would like to use my previous experience in the creation of several Young Cardiologists Groups inside the ESC to further improve this interchange between generations.