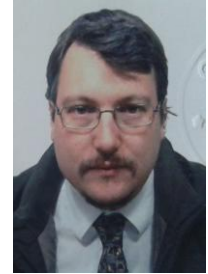


Elections to EACVI Board and Sections 2016-2018

**Application for the
position: nucleus
member of EACVI section
of Cardiovascular
Magnetic Resonance**



1. Your Identity

Title: Dr.

Family Name(s): Aquaro

First Name(s): Giovanni Donato

Birth Date: 30/7/1976

Type of address: Business

**Institute/Organisation:
Fondazione G. Monasterio CNR-Toscana**

**Department:
UOC Risonanza Magnetica**

**Address:
Via Moruzzi 1**

Post Code/Zip: 56124

City: Pisa

Country: Italy

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2. General Curriculum Vitae (300 words max)

Education:

- 1995 Secondary School certificate acquired liceo classico "G.Galilei", Pisa, Italy
- 2002 Degree in Medicine and Surgery at University of Pisa.
- 2003, abilitation of Clinical Medical profession.
- 2006 Specialization in Cardiology at the University of Genova.
- 2015 Specialization in Radiology at the University of Florence

Work Experiences:

- from 1995 to 2002 C.E.O of Consultec Engineering for industrial design
- from 2003 to april 2008 II level Researcher of Italian Research Council (CNR), MRI laboratory, Institute of clinical Physiology, S.Cataldo Research Area, Pisa Italy
- From 2008, Medical doctor, UOC Risonanza Magnetica, Fondazione G.Monasterio CNR- Regione Toscana, Pisa, Italy

Scientific Activities:

- Third level European (EACVI) accreditation of expertise in cardiovascular magnetic resonance
- Current chairman of the Working Group of Cardiac Magnetic Resonance of the Italian Society of Cardiology (SIC).
- 115 scientific publications of Cardiovascular Magnetic Resonance (Scopus)
- Reviewer as Cardiac Imaging expert in 20 cardiological and Radiological journals
- Participation as invited speaker(chairman) at 45 national/international cardiology congress
 - Principal Investigator of the scientific project entitled: "Hyperpolarized ¹³C-Magnetic Resonance Metabolic Imaging as Sensitive Biomarker in a cardiac translational study of Heart Failure", grant RF-2010-2321788 co-financed by Italian Health Ministry and Tuscan
 - Principal Investigator of the project "MR: Evaluation of post-ischemic myocardial metabolism by ¹³C-labelled substrate in animal (BOK68565)" in collaboration with GE Health-System

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

Chairman of the Cardiac Magnetic Resonance Working group (“Applicazioni della risonanza magnetica”) of the Italian Society of Cardiology (SIC) for the years 2015-2016

Member of EACVI WG of Cardiac Magnetic Resonance from 2005

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

If Yes, please specify

Current chairman of the Cardiac Magnetic Resonance Working group
("Applicazioni della risonanza magnetica") of the Italian Society of Cardiology
(SIC) for the years 2015-2016 (until next december 2016)

Elections to EACVI Board and Sections 2016-2018

5. Publications (please list 10 max)

Number of publications: 115

- **Aquaro GD**, Pingitore A, Strata E, Di Bella G, Molinaro S, Lombardi M. Cardiac magnetic resonance predicts outcome in patients with premature ventricular complexes of left bundle branch block morphology. *J Am Coll Cardiol.* 2010 Oct 5;56(15):1235-43.
- Todiere G, **Aquaro GD**, Piaggi P, Formisano F, Barison A, Masci PG, Strata E, Bacigalupo L, Marzilli M, Pingitore A, Lombardi M. Progression of myocardial fibrosis assessed with cardiac magnetic resonance in hypertrophic cardiomyopathy. *J Am Coll Cardiol.* 2012 Sep 4;60(10):922-9. Aquaro GD and Todiere G equally contributed to the study. Corresponding author: Aquaro G.D.
- **Aquaro GD**, Camastra G, Monti L, Lombardi M, Pepe A, Castelletti S, Maestrini V, Todiere G, Masci P, di Giovine G, Barison A, Dellegrottaglie S, Perazzolo Marra M, Pontone G, Di Bella G; Reference values of cardiac volumes, dimensions, and new functional parameters by MR: A multicenter, multivendor study. *J Magn Reson Imaging.* 2016 Aug 29. doi: 10.1002/jmri.25450
- **Aquaro GD**, Frijia F, Positano V, Menichetti L, Santarelli MF, Ardenkjaer-Larsen JH, Wiesinger F, Lionetti V, Lorenzo SR, Bianchi G, Neglia D, Giovannetti G, Schulte RF, Recchia FA, Landini L, Lombardi M. Three-dimensional magnetic resonance mapping of cardiac metabolism by hyperpolarized ¹³Cpyruvate in a pig model of ischemia-reperfusion. *JACC Cardiovasc Imaging* 2013; 6:743–744
- **Aquaro GD**, Briatico Vangosa A, Toia P, Barison A, Ait-Ali L, Midiri M, Cotroneo AR, Emdin M, Festa P. Aortic elasticity indices by magnetic resonance predict progression of ascending aorta dilation. *Eur Radiol.* 2016 Jul 25 epub
- Giancarlo Todiere, Lorena Piscicella, Andrea Barison, Annamaria Del Franco, Elisabetta Zachara, Paolo Piaggi, Federica Re, Alessandro Pingitore, Michele Emdin, Massimo Lombardi, **Giovanni Donato Aquaro**. Abnormal T2-STIR Magnetic Resonance in Hypertrophic Cardiomyopathy: A Marker of Advanced Disease and Electrical Myocardial Instability. *PLOS ONE*; 9:e111366. Doi: 10.1371
- **Aquaro GD**, Todiere G, Strata E, Barison A, Di Bella G, Lombardi M. Usefulness of india ink artifact in steady-state free precession pulse sequences for detection and quantification of intramyocardial fat. *J Magn Reson Imaging.* 2013 Oct 11

- **Aquaro GD**, Gabutti A, Meini M, Prontera C, Pasanisi E, Passino C, Emdin M, Lombardi M. Silent myocardial damage in cocaine addicts. *Heart*. 2011;97:2056-2062
- **Aquaro GD**, Positano V, Pingitore A, Strata E, Di Bella G, Formisano F, Spirito P, Lombardi M. Quantitative analysis of late gadolinium enhancement in hypertrophic cardiomyopathy. *J Cardiovasc Magn Reson*. 2010 Apr 7;12:21.
- **Aquaro GD**, Masci P, Formisano F, Barison A, Strata E, Pingitore A, Positano V, Spirito P, Lombardi M. Usefulness of delayed enhancement by magnetic resonance imaging in hypertrophic cardiomyopathy as a marker of disease and its severity. *Am J Cardiol*. 2010;105:392-7.

6. Received Hirsch Index : Year / Index

Year 2016/ H index 17 (Scopus)

Year 2016/ H index 21 (Google Scholar)

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

Year 2016: IFs 427

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

I'd like to give my contribute in the organization of EACVI CMR section. As chairman of the CMR working group of Italian Society of Cardiology, I've gained experience to manage a working group, organizing meeting and to promote editorial projects. I've acquired 14 years experience in clinical and research applications of CMR in Pisa laboratory and during this time I've been part of a scientific network with many research collaborations with italian and international CMR laboratories, with Universities, research centers and with industry.

Then, I'd like to put my experience at the service of CMR section of EACVI.



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.*

