

Elections to EACVI Board and Sections 2016-2018

**Application for the
position:
NUCLEUS MEMBER
Cardiovascular
Magnetic Resonance**



1. Your Identity

Title: DR

Family Name(s): Pedrotti

First Name(s): Patrizia

Birth Date: 20/06/1966

Type of address: Business Address

Institute/Organisation: ASST Grande Ospedale Metropolitano Niguarda, Milano, Italy

Department: Cardiology and Cardiac Surgery

Address: P.zza Ospedale Maggiore, 3

Post Code/Zip: 20162

City: Milano

Country: Italy

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2. General Curriculum Vitae (300 words max)

Current position: Consultant Cardiologist, Cardiology and Cardiac Surgery Department, ASST Grande Ospedale Metropolitano Niguarda – Piazza dell’Ospedale Maggiore, 3 20162 Milano – Italy

<http://www.ospedaleniguarda.it> <http://www.degasperis.it>

Consultant cardiologist focused on imaging in a third level referral centre, with a program of heart transplantation and mechanical heart support, invasive cardiology, cardiac surgery, paediatric cardiology and paediatric cardiac surgery.

Our Department of Cardiology has a Cardiovascular Magnetic Resonance (CMR) Unit since 2006, and I’ve contributed to its foundation.

My main activity since 2006 is in the CMR Unit, where we perform about 1200 scans per year, including cases of complex congenital heart disease. I report about 500 CMR scans per year, including cases of complex congenital heart disease. I have Level 3 EACVI Certification in CMR since February 2015.

I train resident doctors and guest cardiologists/radiologist who wish to add CMR to their professional skills.

I have extensively performed echocardiography, including TOE, both at my current hospital and in previous positions, although since 2006 my main focus is on CMR. I also participate in clinical activity.

Since 2015 I’m adjunct Professor at Bicocca University, Milano, Italy, my course is on cardiovascular imaging.

My research activity is oriented on the clinical application of CMR mainly in heart transplantation, myocarditis and thalassemia.

I attended the course on CMR at The Royal Brompton Hospital in 2006 (3 months) and I attended Great Ormond Street Hospital for Children for 2 weeks in 2014 for an observership in paediatric CMR.

I speak Italian, English (Certificate of Proficiency of the University of Cambridge) and French.

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

I've been a member of the Working Group on Cardiac Multimodality Imaging of the Italian Society of Echocardiography (SIEC). We produced a consensus paper on the evaluation of myocardial viability:

Valutazione della vitalità miocardica nella malattia coronarica. Il contributo dell'imaging integrato. Giancarlo Casolo, Ketty Savino, Giovanni Bisignani, Filippo Cademartiri, Gianluca di Bella, Francesco F. Faletra, Patrizia Pedrotti, Alberto Roghi. A nome della Commissione Multimaging della SIEC. Journal of Cardiovascular Echography. 2011;21:135-141

I'm a member of the Working Group on cardiac imaging of the association of Italian hospital cardiologists (ANMCO)

I'm a question writer for the European CMR exam

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

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5. Publications (please list 10 max)

- 1) M. Baroni, P. Pedrotti, S. Nava, C. Giannattasio, Alberto Roghi. Cardiac Magnetic Resonance Imaging of Left Ventricular Apical Hypoplasia in Two Complex Congenital Clinical Syndromes. *Circulation J*, 2014;78(6):1507-9
- 2) Alberto Roghi, Erika Poggiali, Patrizia Pedrotti, Angela Milazzo, Giuseppina Quattrocchi, Elena Cassinerio, and Maria Domenica Cappellini. Myocardial and Hepatic Iron Overload Assessment by Region-Based and Pixel-Wise T2* Mapping Analysis: Technical Pitfalls and Clinical Warnings *J Comput Assist Tomogr* 2015;39:128-33
- 3) Cassinerio E, Roghi A, Orofino N, Pedrotti P, Zanaboni L, Poggiali E, Giuditta M, Consonni D, Cappellini MD. A 5-year follow-up in deferasirox treatment: improvement of cardiac and hepatic iron overload and amelioration in cardiac function in thalassemia major patients. *Ann Hematol*. 2015 Jan 8. [Epub ahead of print]
- 4) Paroxysmal supraventricular tachycardia as first manifestation of right atrial hemangioma during endovascular treatment of intracranial arteriovenous fistulas. Spanò F, Cereda A, Moreo A, Bonacina E, Peritore A, Roghi A, Giannattasio C, Pedrotti P. *Oncotarget*. 2015 Jun 10;6(16):14060-4
- 5) Pathologic correlates of late gadolinium enhancement cardiovascular magnetic resonance in a heart transplant patient. Pedrotti P, Bonacina E, Vittori C, Frigerio M, Roghi A. *Cardiovasc Pathol*. 2015 Jul-Aug;24(4):247-9. doi: 10.1016/j.carpath.2015.02.001. Epub 2015 Feb 10.
- 6) A life-threatening presentation of eosinophilic granulomatosis with polyangiitis. Ammirati E, Cipriani M, Musca F, Bonacina E, Pedrotti P, Roghi A, Astaneh A, Schroeder JW, Nonini S, Russo CF, Oliva F, Frigerio M. *J Cardiovasc Med (Hagerstown)*. 2015 Nov 7. [Epub ahead of print]
- 7) Role of Non-Transferrin-Bound Iron in the pathogenesis of cardiotoxicity in patients with ST-elevation myocardial infarction assessed by Cardiac Magnetic Resonance Imaging. Roghi A, Poggiali E, Duca L, Mafriaci A, Pedrotti P, Paccagnini S, Brenna S, Galli A, Consonni D, Cappellini MD. *Int J Cardiol*. 2015 Nov 15;199:326-32. doi: 10.1016/j.ijcard.2015.07.056. Epub 2015 Jul 23.
- 8) Allogeneic peripheral blood stem cell transplantation and accelerated atherosclerosis: An intriguing association needing targeted surveillance. Lessons from a rare case of acute anterior myocardial infarction. Scudiero L, Soriano F, Morici N, Grillo G, Belli O, Sacco A, Cipriani M, Pedrotti P, Quattrocchi G, Klugmann S, Oliva F. *Eur Heart J Acute Cardiovasc Care*. 2016 May 24. pii: 2048872616652311. [Epub ahead of print]
- 9) Partial Anomalous Pulmonary Venous Return as Rare Cause of Right Ventricular Dilation: A Retrospective Analysis. Sormani P, Roghi A, Cereda A, Peritore A, Milazzo A, Quattrocchi G, Giannattasio C, Pedrotti P. *Congenit Heart Dis*. 2016 Jul;11(4):365-8. doi: 10.1111/chd.12382. Epub 2016 May 30.
- 10) Prognostic impact of late gadolinium enhancement in the risk stratification of heart transplant patients Patrizia Pedrotti, Claudia Vittori, Rita Facchetti, Stefano Pedretti, Santo Dellegrottaglie, Angela Milazzo, Maria Frigerio, Manlio Cipriani, Cristina Giannattasio, Alberto Roghi, Ornella Rimo *Idi(2016) jew186 DOI: <http://dx.doi.org/10.1093/ehjci/jew186>*

6. Received Hirsch Index : Year / Index

H-index since 2011 = 9 (Google Scholar)

H-index (All) = 10 (Google Scholar)

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

IF for 2015 = 29,272

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

Working in a third level referral centre with a high volume clinical activity, my main interest is to integrate CMR more and more deeply in the clinical ground as I think this is one of the main ways to favour the diffusion of this imaging modality. This requires strict collaboration with the clinical counterpart and involvement in clinical problem solving. Education is another mainstay to allow a better understanding of CMR potentiality and of the information it can supply. Particular care should be dedicated to the education of younger generations of doctors, who would find perfectly normal to integrate CMR and advanced imaging in their clinical activity. For these reasons, as a member of the nucleus I would dedicate my efforts to establish collaborations with working groups on clinical grounds and to promote education on CMR. The process of certification of physicians and centres is another key point to work on, as well as the production of documents suggesting imaging protocols in different clinical scenarios. The building of a “help line” for the interpretation of difficult cases by a group of certified senior members is another way to sustain the diffusion of CMR.



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.*

