

EMANUELE BARBATO

BELGIUM / ITALY

Application for the following position in the EAPCI Board:

SECRETARY

Current position

- Associate Director of the Cardiovascular Research Center Aalst, OLV Hospital (Belgium)
- Associate Professor of Cardiology at the University of Naples Federico II (Italy)

Profession

- ☒ Interventionalist
- ☐ Healthcare Professional (Nurse, Radiographer, Technician) working in PCI
- ☐ Industry Professional
- ☐ Other

Additional Information

- ☒ Fellow of the ESC
- ☒ EAPCI Member

- X Member of another ESC Association (beyond EAPCI)
If yes, specify: Council on Stroke
- X Active in an ESC Member Country
If yes, specify your country of work: Belgium and Italy
- X Member of a National Cardiac Society
If yes, specify: Belgian Society of Cardiology, Italian Society of Cardiology, Italian Society of Interventional Cardiology - GISE
- X Member of an Interventional Working Group
If yes, specify: Belgian Working Group on Interventional Cardiology (BWGIC)

General CV (as it pertains to PCI) – 300 words max

- 2017 Coordinator and faculty of the PCR seminar on trans-radial approach
- 2017 Italian national qualification of full professor of cardiology
- 2016 Faculty of PCR edu online course on How to treat patients presenting with undilatable – calcified lesions
- 2016-ongoing Member of the scientific program committee of the Italian Society of Interventional Cardiology – GISE
- 2015-ongoing Faculty and campus coordinator of the international PhD program in Cardiovascular Pathophysiology and Therapeutics - CardioPaTh
- 2015-ongoing Faculty of Aalst-Eindhoven meeting on Coronary Physiology
- 2014 Coordinator and faculty of the PCR seminar on management of patients with complex bifurcation lesions
- 2014-2013 Belgian coordinator of the ESC learning platform
- 2012 Italian national qualification of associate professor of cardiology
- 2012-ongoing Course director and faculty of the Aalst-Leuven course on Optical Coherence Tomography
- 2012-ongoing Faculty of the Coronary Physiology in the Catheterization Laboratory ETP course (European Heart House)
- 2011-ongoing Course director and faculty of Aalst course on Rotational Atherectomy
- 2011-ongoing Member of the PCR program committee
- 2009 Fellow of the European Society of Cardiology (FESC)

2006-2002	PhD program in Cardiovascular Pathophysiology - University of Rome Tor Vergata, Italy
2003-2001	Clinical research fellowship in interventional cardiology – Cardiovascular Center Aalst, Belgium
2001	Board certification of Cardiology – University of Naples Federico II, Italy
1998	Short stay research fellowship in molecular cardiology, Duke University Medical Center, NC, US
1997	Board certification of Medicine – University of Naples Federico II, Italy

Previous experience in EAPCI, ESC or your National Bodies

2013 – 2017: Board member of the Belgian Working Group of Interventional Cardiology (BWGIC)

For previous experiences in EAPCI see below

If you have been involved in EAPCI in the past, please specify the position(s) as well as the relevant date(s)

In particular, please indicate if you served in:

- | | |
|--|------------|
| • EAPCI Board 2016-2018 (under M. Haude's leadership)? | Yes |
| No | |
| • EAPCI Board 2014-2016 (under S. Windecker's leadership)? | Yes |
| No | |
| • EAPCI Board 2011-2014 (under J. Fajadet's leadership)? | Yes |
| No | |
| • EAPCI Board 2009-2011 (under C. Di Mario's leadership)? | Yes |
| No | |
| • EAPCI Board 2006-2009 (under W. Wijns' leadership)? | Yes |
| No | |

If you answered yes to at least one of these questions, please provide details.

- Under M. Haude's leadership (2016-ongoing), I've served EAPCI as Chair of the National Cardiac Societies and International Affairs *Committee*.
- Under S. Windecker's leadership (2014-2016), I served EAPCI as Co-Chair of the National Cardiac Societies and International Affairs *Committee* and as member of the Scientific Program *Committee*.
- Under J. Fajadet's leadership (2011-2014), I served EAPCI as member of the Scientific Program *Committee*.

Publications in the field of PCI (most important 10 publications)

- 1) Barbato E, Shlofmitz E, Milkas A, Shlofmitz R, Azzalini L, Colombo A. State of the art: evolving concepts in the treatment of heavily calcified and undilatable coronary stenoses - from debulking to plaque modification, a 40-year-long journey. *EuroIntervention*. 2017 Aug 25;13(6):696-705.
- 2) Barbato E, Dudek D, Baumbach A, Windecker S, Haude M. EAPCI registries: a first step towards systematic monitoring of European interventional cardiology practice. *EuroIntervention*. 2017 May 15;13(Z):Z6-Z7.
- 3) Pellicano M, De Bruyne B, Toth GG, Casselman F, Wijns W, Barbato E. Fractional flow reserve to guide and to assess coronary artery bypass grafting. *Eur Heart J*. 2017 Jul 1;38(25):1959-1968.
- 4) Barbato E, Toth GG, Johnson NP, Pijls NH, Fearon WF, Tonino PA, Curzen N, Piroth Z, Rioufol G, Jüni P, De Bruyne B. A Prospective Natural History Study of Coronary Atherosclerosis Using Fractional Flow Reserve. *J Am Coll Cardiol*. 2016 Nov 29;68(21):2247-2255.
- 5) Di Gioia G, Pellicano M, Toth GG, Casselman F, Adjedj J, Van Praet F, Ferrara A, Stockman B, Degrieck I, Bartunek J, Trimarco B, Wijns W, De Bruyne B, Barbato E. Fractional Flow Reserve-Guided Revascularization in Patients With Aortic Stenosis. *Am J Cardiol*. 2016 May 1;117(9):1511-5.
- 6) Barbato E, Carrié D, Dardas P, Fajadet J, Gaul G, Haude M, Khashaba A, Koch K, Meyer-Gessner M, Palazuelos J, Reczuch K, Ribichini FL, Sharma S, Sipötz J, Sjögren I, Suetsch G, Szabó G, Valdés-Chávarri M, Vaquerizo B, Wijns W, Windecker S, de Belder A, Valgimigli M, Byrne RA, Colombo A, Di Mario C, Latib A, Hamm C; European Association of Percutaneous Cardiovascular Interventions. European expert consensus on rotational atherectomy. *EuroIntervention*. 2015 May;11(1):30-6.
- 7) Barbato E, Salinger-Martinovic S, Sagic D, Beleslin B, Vrolix M, Neskovic AN, Jagic N, Verheye S, Mehmedbegovic Z, Wijns W. A first-in-man clinical evaluation of Ultimaster, a new drug-eluting coronary stent system: CENTURY study. *EuroIntervention*. 2015 Sep;11(5):541-8.

- 8) Adgedj J, De Bruyne B, Floré V, Di Gioia G, Ferrara A, Pellicano M, Toth GG, Bartunek J, Vanderheyden M, Heyndrickx GR, Wijns W, Barbato E. Significance of Intermediate Values of Fractional Flow Reserve in Patients With Coronary Artery Disease. *Circulation*. 2016 Feb 2;133(5):502-8.
- 9) Toth G, De Bruyne B, Casselman F, De Vroey F, Pyxaras S, Di Serafino L, Van Praet F, Van Mieghem C, Stockman B, Wijns W, Degrieck I, Barbato E. Fractional flow reserve-guided versus angiography-guided coronary artery bypass graft surgery. *Circulation*. 2013 Sep 24;128(13):1405-11.
- 10) Mangiacapra F, Peace AJ, Di Serafino L, Pyxaras SA, Bartunek J, Wyffels E, Heyndrickx GR, Wijns W, De Bruyne B, Barbato E. Intracoronary Enalaprilat to Reduce MICROvascular Damage During Percutaneous Coronary Intervention (ProMicro) study. *J Am Coll Cardiol*. 2013 Feb 12;61(6):615-21.

What would you like to achieve if you were elected?

Given the 2-years mandate, beyond the secretarial tasks inherent to the elected position, I would like to focus my activity within the board on 3 main objectives:

- EAPCI White Book: As Chair of the National Cardiac Societies and International Affairs Committee, I was actively involved to initiate the pilot phase of the EAPCI White Book involving 16 ESC Countries. I would like to continue boosting this project by extending it to all the 56 ESC countries.
- EAPCI Micro-fellowship: I would like to significantly contribute to the EAPCI Micro-fellowship program by specifically promoting pilot training in interventional cardiology techniques like e.g. rotational atherectomy, invasive coronary physiology or imaging, etc.
- Valve for Life initiative: After the success in the initial countries involved in the Valve for Life initiative and based on major inequalities in this life-saving therapy among the EU countries, I would like to contribute in extending this initiative to other ESC countries.

If you were elected, how do you envisage to organize yourself to accommodate this very demanding additional commitment?

In the last 3-4 years, I've been member of the EAPCI board as Co-chair and then as Chair of the National Cardiac Societies and International Affairs Committee. Therefore,

I've already settled my clinical duties in order to fulfill EAPCI-related tasks and duties. I am confident that through a close collaboration with the President and with the other EAPCI board members I will be able to accommodate this very demanding additional commitment.