

Assist. Prof. Petr Kala, MD, PhD, FESC
Country : Czech Republic

Application for the following position in the EAPCI Board:
SECRETARY

Current position

Director of the Department of Invasive and Interventional Cardiology – Head of Cathlab,
Department of Internal Medicine and Cardiology, University Hospital Brno and Medical Faculty of
Masaryk University, Brno, Czech Republic

Profession

☒ Interventionalist.

Additional Information

- ☒ Fellow of the ESC
- ☒ EAPCI Member
- ☒ Member of a National Cardiac Society
If yes, specify: Member of the Executive Board of the Czech Society of Cardiology
- ☒ Member of an Interventional Working Group
If yes, specify: Member of the Executive Board of the Working Group of Interventional Cardiology of the Czech Society of Cardiology

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

I started the training in interventional cardiology in 1993 in Prague, Brno and Hamburg and co-founded the Interventional Cardiology programme in my hospital in 1994. Since 1997 I have been leading the newly established Department of Invasive and Interventional Cardiology at the University Hospital Brno and Medical Faculty of Masaryk University in Brno, Czech Republic. In 1995 I performed the first primary PCI and from 1999 I started the 24/7 primary PCI service for STEMI patients. In 1999 I introduced the IVUS and in 2000 the FFR and CFR in my hospital followed by special techniques like OCT, NIRS and iMR. I have got large experience with advanced techniques for complex PCI and lesion preparation, i.e. rotational atherectomy, all atherotomy devices, thrombectomy and special techniques for left main and bifurcation lesion treatment. In 2003 I started the programme of catheter-based treatment of structural heart diseases with the experience of more than 600 PFO/ASD/LAA closures in adults and children. In 2009 I started the TAVI programme in Brno in collaboration with the Centre of Cardiovascular and Transplant Surgery Brno with the experience of more than 150 TAVI. Currently there is more than 2700 diagnostic and 1200 interventional procedures per year (>90% are transradial).

My scientific interest is focused mainly on complex PCI, PCI in patients suffering AMI, on functional assessment of coronary lesions and imaging. I have published more than 70 papers, 7 books/chapters.

I have organized several international meetings focused on FFR/OCT and complex interventions as part of the European Centre of Excellence training and annual national Workshops of Interventional Cardiology. I founded and has been leading the educational web KARDIO.TV focused on the public and pre/post graduate education.

I have been actively involved in the EAPCI/EuroPCR and from 2012 a chair of the Stent for Life Initiative.

Previous experience in EAPCI, ESC or your National Bodies

EAPCI:

- Member of EAPCI Executive Board 2014-2016 delegated by EuroPCR
- Chairman of the EAPCI-ESC/EuroPCR Stent for Life Initiative from 2012

ESC:

- ESC Fellow
- Member of EAPCI
- Member of the WG of Valvular Heart Disease
- Member of the Acute Cardiac Care Association
- Member of the Executive committee of the EORP STEMI Registry
- Member of the Steering Committee of the EORP TCVT Pilot and permanent Registries
- Co-author of the Percutaneous Interventions part of ESCeL

National Bodies:

- Member of the Executive Board of the WG of Interventional Cardiology of the CSC since 2000 (President and Vice-president 2006 - 2012)
- Member of the Executive Board of the Czech Society of Cardiology since 2011

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

EAPCI:

- Member of several EAPCI Committees from 2006
- Current Member of EAPCI Committee for Databases and Registries
- Current Member of EAPCI Committee for Scientific programme and Congress
- Member of EAPCI Executive Board 2014-2016 delegated by EuroPCR
- Chairman of the EAPCI-ESC/EuroPCR Stent for Life Initiative from 2012

Publications in the field of PCI (max 10)

Cervinka P, Spaček R, Bystroň M, Kvašňák M, Kupec A, Cervinková M, **Kala P**. Optical coherence tomography-guided primary percutaneous coronary intervention in ST-segment elevation myocardial infarction patients: a pilot study. *Can J Cardiol*. 2014 Apr;30(4):420-7. doi: 10.1016/j.cjca.2013.12.016. Epub 2013 Dec 30.

De Bruyne B, Fearon WF, Pijls NH, Barbato E, Tonino P, Piroth Z, Jagic N, Mobius-Winckler S, Rioufol G, Witt N, **Kala P**, MacCarthy P, Engström T, Oldroyd K, Mavromatis K, Manoharan G, Verlee P, Frobert O, Curzen N, Johnson JB, Limacher A, Nüesch E, Jüni P; FAME 2 Trial Investigators. Fractional flow reserve-guided PCI for stable coronary artery disease. *N Engl J Med*. 2014 Sep 25;371(13):1208-17. doi: 10.1056/NEJMoa1408758. Epub 2014 Sep 1. Erratum in: *N Engl J Med*. 2014 Oct 9;371(15):1465.

Noc M, Fajadet J, Lassen JF, **Kala P**, MacCarthy P, Olivecrona GK, Windecker S, Spaulding C; European Association for Percutaneous Cardiovascular Interventions (EAPCI); Stent for Life (SFL) Group. Invasive coronary treatment strategies for out-of-hospital cardiac arrest: a consensus statement from the European association for percutaneous cardiovascular interventions (EAPCI)/stent for life (SFL) groups. *EuroIntervention*. 2014 May;10(1):31-7. doi: 10.4244/EIJV10I1A7

Kala P, Miklik R. Pharmaco-mechanic antithrombotic strategies to reperfusion of the infarct-related artery in patients with ST-elevation acute myocardial infarctions. *J Cardiovasc Transl Res*. 2013 Jun;6(3):378-87. doi: 10.1007/s12265-013-9448-1. Epub 2013 Feb 14

Berry C, van 't Veer M, Witt N, **Kala P**, Bocek O, Pyxaras SA, McClure JD, Fearon WF, Barbato E, Tonino PA, De Bruyne B, Pijls NH, Oldroyd KG. VERIFY (VERification of Instantaneous Wave-Free Ratio and Fractional Flow Reserve for the Assessment of Coronary Artery Stenosis Severity in EverydaY Practice): a multicenter study in consecutive patients. *J Am Coll Cardiol*. 2013 Apr 2;61(13):1421-7. doi: 10.1016/j.jacc.2012.09.065. Epub 2013 Feb 6.

Di Mario C, Eltchaninoff H, Moat N, Goicolea J, Ussia GP, **Kala P**, Wenaweser P, Zembala M, Nickenig G, Alegria Barrero E, Snow T, Iung B, Zamorano P, Schuler G, Corti R, Alfieri O, Prendergast B, Ludman P, Windecker S, Sabate M, Gilard M, Witowski A, Danenberg H, Schroeder E, Romeo F, Macaya C, Derumeaux G, Maggioni A, Tavazzi L; Transcatheter Valve Treatment Sentinel Registry (TCVT) Investigators of the EURObservational Research Programme (EORP) of the European Society of Cardiology. The 2011-12 pilot European Sentinel Registry of Transcatheter Aortic Valve Implantation: in-hospital results in 4,571 patients. *EuroIntervention*. 2013 Apr 22;8(12):1362-71. doi: 10.4244/EIJV8I12A209.

Parenica J, Nemec P, Tomandl J, Ondrasek J, Pavkova-Goldbergova M, Tretina M, Jarkovsky J, Littnerova S, Poloczek M, Pokorny P, Spinar J, Cermakova Z, Miklik R, Malik P, Pes O, Lipkova J, Tomandlova M, **Kala P**. Prognostic utility of biomarkers in predicting of one-year outcomes in patients with aortic stenosis treated with transcatheter or surgical aortic valve implantation. *PLoS One*. 2012;7(12):e48851. doi: 10.1371/journal.pone.0048851. Epub 2012 Dec 14.

Kala P, Tretina M, Poloczek M, Ondrasek J, Malik P, Pokorny P, Parenica J, Spinar J, Jarkovsky J, Littnerova S, Nemec P. Quality of life after transcatheter aortic valve implantation and surgical replacement in high-risk elderly patients. Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub. 2013 Mar;157(1):75-80. doi: 10.5507/bp.2012.062. Epub 2012 Sep 5.

Kala P, Kanovsky J, Rokyta R, Smid M, Pospisil J, Knot J, Rohac F, Poloczek M, Ondrus T, Holicka M, Spinar J, Jarkovsky J, Dusek L. Age-related treatment strategy and long-term outcome in acute myocardial infarction patients in the PCI era. BMC Cardiovasc Disord. 2012 Apr 25;12:31. doi: 10.1186/1471-2261-12-31.

Sukupova L, Novak L, **Kala P**, Cervinka P, Stasek J. Patient skin dosimetry in interventional cardiology in the Czech Republic. Radiat Prot Dosimetry. 2011 Sep;147(1-2):106-10. doi: 10.1093/rpd/ncr284. Epub 2011 Jul 13.

What would you like to achieve if you were elected?

If I were elected, **in general** I would like:

- to continue the current effort of the Board in education,
- to fasten the collaboration with other professional communities within ESC,
- to expand the level of innovation,
- to help the young colleagues in their professional careers and
- to support the research activities and EORP Registries.

My **personal** interest would be:

- to increase the worldwide knowledge of EAPCI,
- to realize the EAPCI Fellowship programme,
- to strengthen the role of National bodies and
- to strongly support the work of EAPCI Committees.

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

If I were elected, **I would be honoured and enthusiastic to accommodate plenty of time** to the new EAPCI commitment and to be able to achieve a full concentration, I would finish my leadership of the Stent for Life Initiative.

I am very happy, that my cathlab team consists of highly experienced, fully trained and licenced consultants in interventional cardiology that has been used to my extramural activities for many years. The research program has been coordinated relatively independently by excellent colleagues and research nurses under my supervision. Last but not least, my professional activities have been fully supported by the hospital management and administration with high grade autonomy and free time-management.

Recommendation letter(s)

A recommendation letter from the Interventional Working Group or National Society is mandatory for all positions



**Working Group of
Interventional Cardiology**

Czech Society of Cardiology
WGIC CSC

Chairman: Josef Štásek, Assoc. Prof., MD, PhD (e-mail: stasek@fnhk.cz)

Vice-president: Petr Widimský, Prof., MD, DrSc, FESC

Committee members: Ivo Bernát, Assoc. Prof., MD, PhD, Marian Branny, MD, PhD, Pavel Červinka, Prof., MD, PhD, FESC, David Horák, MD, Petr Kala, Assist. Prof. MD, PhD, FESC, Petr Kmoníček, MD, Martin Mates, Assoc. Prof., MD, PhD, FESC, Ladislav Rozsival, MD, PhD, Jan Vojáček, Prof., MD, DrSc., FESC, FACC, Roman Štípal, MD, CSc., Michael Želízko, MD, CSc.

Hradec Kralove, 4 December 2015

Dear prof. Fajadet, dear EAPCI Board Nominating Committee members,

On behalf of the **Working Group of Interventional Cardiology of the Czech Society of Cardiology (WGIC CSC)** I would like to take into your consideration the application of our distinguished colleague, **Assist. Prof. Petr Kala, MD, PhD, FESC** for the position of the **EAPCI Board Secretary 2016-2018**.

Petr Kala has been actively involved in the WG for many years and since 2000- he has been regularly elected as the member of its Board and served as its President and Vicepresident in the years 2006-2012.

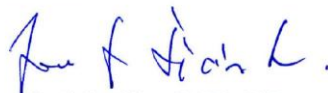
He has got an extensive experience in the field of interventional cardiology, especially focused on complex coronary and structural interventions and has been recognised as one of the first Czech proponents of the functional assessment of the coronary lesions and precise invasive morphologic imaging including IVUS, OCT and recently also NIRS.

In 2005 he was elected as the member of the Board of the Czech National PCI Registry and in 2009, on behalf of the WG and CSC Boards, he developed the national Czech TAVI Registry in concordance with the requirements of the EuroHeart Survey TCVT Pilot Registry. He was the first author of the Czech Guidelines on STEMI 2012 and of the Summary of the ESC Guidelines for Revascularization 2014.

He has organized several highly professional and educative Courses within the Czech and international community including the annual Workshop of IC and many sessions within the annual congress of the CSC. Besides that we appreciate his extraordinary interest in research, new technologies, education and innovations, e.g. launching the online web **kardio.tv** for the Czech public.

Last but not least I would like to highlight the warm, friendly and open-mind personality of my and our friend, Petr.

Yours sincerely,



Assoc. Prof. Josef Stasek, MD, PhD

President of the WG of Interventional Cardiology of the Czech Society of Cardiology that will be reshaped in the Czech Interventional Cardiology Association of the CSC from 1 January 2016)