



EAPCI
European Association of
Percutaneous Cardiovascular
Interventions



ESC
European Society
of Cardiology

European Association of Percutaneous Cardiovascular Interventions

Name: Professor Vijay Kunadian
Country: United Kingdom

**Application for the following position in the EAPCI Board 2024-2026:
PCR representative**

Current position

- Full Professor of Interventional Cardiology, Newcastle University, Newcastle upon Tyne, United Kingdom
- Honorary Consultant Interventional Cardiologist, Newcastle upon Tyne Hospitals NHS Foundations Trust, Newcastle upon Tyne, United Kingdom
- Executive Committee Board Member, EAPCI
- Research Lead, British Cardiovascular Intervention Society
- E-learning lead, Education Committee, European Society of Cardiology

Profession

Full Professor and Interventional Cardiologist

Additional Information

Current fellowship and memberships

- Member, European Association of Percutaneous Cardiovascular Intervention (EAPCI)
- Board Member, EUROPCR Programme Committee
- Board Member, PCR Learning Efficacy Board
- Fellow, European Society of Cardiology (FESC)
- Member, ESC Acute Cardiovascular Care
- Member, ESC Working Group on Thrombosis
- Member, British Cardiovascular Intervention Society (BCIS)
- Council Member, British Cardiovascular Intervention Society
- National Research Lead, British Cardiovascular Intervention Society
- Member, British Cardiovascular Society
- Fellow, Royal College of Physicians Edinburgh (FRCP)

To reduce the burden of cardiovascular disease through Percutaneous Cardiovascular Interventions.

Journal Editorial Board:

- Eurointervention - Senior Editorial Consultant
- Asia Intervention - Associate Editor
- PCR Online Journal Club – Editorial Board member, Advisor
- Heart BMJ - Associate Editor
- European Heart Journal-Digital Health
- Circulation Cardiovascular Interventions

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

Professor Vijay Kunadian MBBS, MD, MRCP, FRCP, FESC, FACC, PG Diploma Clinical Trials (LSHTM), WTL Oxford

- Completed all my general cardiology and interventional training in the North East of England, UK.
- Completed an international academic fellowship at the TIMI/PERFUSE Study group, Brigham and Women's Hospital/Harvard Medical School, Boston MA.
- Championed diversity in my specialty as a role model (6% of interventional cardiologists are female in the UK, <1% clinical academics/researchers).
- First female interventional cardiologist in the UK to hold a University Personal Chair.

Clinical Excellence:

- Since my appointment as consultant interventional cardiologist in 2011, I have undertaken high risk coronary intervention procedures in the busiest high volume heart attack centre in the UK.
- In 2019, I was rated by National Institute for Cardiovascular Outcomes Research (NICOR) to have "*Better than expected survival (at 2 standard deviation level), 30 days following PCI*".
- I was awarded the UK Department of Health National Clinical Excellence Bronze Award in 2022.

Academic excellence:

- UK Chief Investigator and Trial Executive Steering Committee Member in many multicentre clinical trials (The BHF SENIOR RITA Trial, TWILIGHT trial, XIENCE SHORT DAPT Trial, PACIFIC AMI Trial, AEGIS 2 trial, ICON1 study, COMPLETE 2 trial, ARTEMIS trial) with major grant awards including from the British Heart Foundation (BHF).
- Deliver >30 invited highly scored lectures every year at leading cardiology congresses worldwide.

Excellence in teaching and training the next generation of cardiologists:

- Mentored >30 postgraduates (PhD, MD research, MSc, MRes-Masters by Research), NIHR Fellows, and numerous interventional trainees who have won prestigious awards and many are pursuing academia or entered service as Consultant Interventional Cardiologists.

To reduce the burden of cardiovascular disease through Percutaneous Cardiovascular Interventions.

Awards and recognitions:

- Winner of the UK Times and the Sunday Times We Are The City Rising Star Award (Top 5 Women in Healthcare Category) for 2018.
- Finalist UK Northern Power Women Awards, 2023.
- Inspirational Woman in Newcastle University 2023.
- Winner, Eurointervention award for INOCA Consensus document, 2020.
- Finalist, TCT, Thomas J Linnemeier Young Investigator Award, 2010

Previous experience in EAPCI, ESC or your National Bodies

Specifically, please indicate if you hold an Executive position (President, Vice President, President Elect) in a National Cardiac Society or in the ESC. If so, please indicate which one as well as the term of this position.

European Society of Cardiology

- 2023- EAPCI representative, Task force member EuroHeart, ACS/PCI Theme
EAPCI representative, Task force member EuroHeart, TAVI theme
Clinical Lead ESC Patient Forum, Cardiovascular disease in women work stream
- 2022- ESC: Writing task force member of the European Society of Cardiology Clinical Practice Guidelines
- 2021- ESC: Writing task force member of the European Society of Cardiology 2023 Clinical Practice Guidelines on Acute Coronary Syndrome.
- 2020 ESC: Expert Reviewer 2020 ESC NSTEMI guidelines
Executive Committee Member ESC EORP NSTEMI Registry
- 2018- ESC: Education Steering Committee Member
Director ESC Education Webinar series
Facilitator ESC Education Conference 2019, 2020
Contributor ESC Core Curriculum
Task Force Lead ESC Policy and Endorsement
Lead- E-learning, webinars
- 2018-22 ESC: Regulatory Affairs Steering Committee Member
Contribution to European Commission-Clinical Evaluation of Coronary Devices
Representation of ESC at the European Commission
- 2012- ESC: Fellow, Abstract Reviewer, Faculty member, Scientific Sessions
- 2020 ESC Asia: Programme Committee Member ESC Asia, Singapore
- 2014- ESC WG: Nucleus member, ESC Working Group on Thrombosis

European Association of Percutaneous Cardiovascular Interventions-EAPCI

- 2022- Executive Committee Board Member EAPCI
- 2022- ESC-EuroHeart Cardiovascular Outcomes Registry Development
- 2022- EAPCI Structural Heart Disease Curriculum development committee
Co-author 2022 EAPCI Structural Curriculum
- 2020- EAPCI: Board Member-Database and Registries Committee

To reduce the burden of cardiovascular disease through Percutaneous Cardiovascular Interventions.

- 2018- Co-Chair EAPCI Scientific Documents and Initiatives Committee. In this role, I oversaw >20 European Cardiovascular Consensus documents that impact cardiovascular clinical practice worldwide and where I am either lead author or co-author addressing the cutting edge areas of cardiovascular science that directly impact practice and provide guidance to clinicians on important topics in interventional cardiology with publications in major cardiology journals such as European Heart Journal, Eurointervention, EUROPACE, EHJ Acute Cardiovascular Care.
Co-author 2020 EAPCI Interventional Cardiology Curriculum
- 2013-18 EAPCI: Steering Committee Member Young Committee: Research Lead
- 2013-20 EAPCI: Steering Committee Member Women's Committee: Scientific Committee Member and International Collaborations Lead
- 2017- EAPCI: Curriculum/Exam Development Committee
- 2016- Invited Member, EUROPCR Programme Committee and board member

EAPCI/ESC Published Consensus documents (Lead author, co-author, co-chair EAPCI Scientific Committee)

- 2021 **EAPCI:** Position paper on how to overcome professional barriers encountered by women in interventional cardiology. PMID: 36881724
- 2021 **EAPCI/ESC WG Cellular Biology:** Prognostically relevant periprocedural myocardial injury and infarction associated with PCIs: a Consensus Document of the ESC Working Group on Cellular Biology and EAPCI PMID: 34059914
- 2021 **EAPCI/Acute Cardiovascular Care-ACVC:** Joint EAPCI/ACVC expert consensus document on percutaneous ventricular assist devices PMID: 34057071, PMID: 34057071
- 2021 **EAPCI:** European position paper on the management of patients with patent foramen ovale. Part II - Decompression sickness, migraine, arterial deoxygenation syndromes and select high-risk clinical conditions PMID: 33507260
- 2021 **ESC:** Cardiovascular health after menopause transition, pregnancy disorders, and other gynaecologic conditions: a consensus document from European cardiologists, gynaecologists, and endocrinologists PMID: 33495787
- 2020 **ESC** Core Curriculum for the Cardiologist-Contributor PMID: 32862226
- 2021 **ESC:** 2020 ESC Guidelines for the management of NSTEMI- Expert reviewer PMID 32860058
- 2020 **EAPCI, ESC WG Microcirculation, COVADIS:** An EAPCI Expert Consensus Document on INOCA in Collaboration with ESC WG on Coronary Pathophysiology & Microcirculation Endorsed by Coronary Vasomotor Disorders International Study Group PMID: 32626906 PMID: 32624456
- 2021 **EAPCI:** Core Curriculum for PCI: Committee for Education and Training, writing group PMID: 32624457
- 2020 **EAPCI:** Management of myocardial revascularisation failure: an expert consensus document of the EAPCI PMID: 32597391
- 2020 **EAPCI:** Radiation protection measures and sex distribution in European interventional catheterisation laboratories from the EAPCI Women's Committee. PMID: 30888957
- 2019 **EAPCI/EHRA/ACCA:** Cardiac arrhythmias in the emergency settings of acute coronary syndrome and revascularization: an EHRA consensus document, endorsed by the EAPCI and ACCA. PMID: 31353412
- 2019 **EAPCI:** Clinical use of intracoronary imaging. ACS, ambiguous coronary angiography findings, and guiding interventional decision-making: Expert consensus document of the EAPCI PMID: 31258132 PMID: 31112213
- 2018 **EAPCI:** The invisible army of women in interventional cardiology: EAPCI Women mission to make them visible PMID: 30522984

To reduce the burden of cardiovascular disease through Percutaneous Cardiovascular Interventions.

- 2018 **EAPCI:** Percutaneous coronary and structural interventions in women: a position statement from the EAPCI Women Committee PMID: 29786536
- 2016 **EAPCI/EACVI:** Joint EACVI HIT/EAPCI young survey/ESC CoT survey: training and education for 'multimodality imaging in structural interventions': the rise of a new sub-specialty? PMID: 27628618
- 2016 **EAPCI:** Motivations for and barriers to choosing an interventional cardiology career path: results from the EAPCI Women Committee worldwide survey PMID: 26151955
- 2011 **EAPCI/SCAI:** SCAI consensus document (together with EAPCI Women) on occupational radiation exposure to the pregnant cardiologist and technical personnel PMID: 21252022, PMID: 21241961

Responsibilities National

2023-2026	Research Lead, British Cardiovascular Intervention Society (BCIS)
2023-2026	Steering Committee member, BHF Clinical Research Collaborative
2020-date	Theme Lead: Acute Myocardial Infarction BCIS, BHF Clinical Research Collaborative
2020	Programme Committee, RCP Edinburgh Cardiology Symposium
2015-date	Invited Steering Committee Member, Research and Development Committee, British Cardiovascular Intervention Society (BCIS)
2011-date	BCIS: Faculty member, Advanced Cardiovascular Interventions
2018-date	British Cardiovascular Society Faculty member
2016	Chair, RCP Edinburgh Cardiology Symposium

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 2022-2024 (under E. Barbato's leadership)? **Yes**

- EAPCI Executive Committee Member, PCR representative
- EAPCI representative ESC/EORP Programme

EAPCI Board 2020-2022 (under D. Dudek's leadership)? **Yes**

- Member Database and Registries Committee
- ESC ACS 2023 Guidelines Task Force Member

EAPCI Board 2018-2020 (under A. Baumbach's leadership)? **Yes**

- Co-chair Scientific Documents and Initiatives Committee
- EAPCI representation ESC Regulatory Affairs Committee
- Contributor EAPCI Curriculum Coronary disease

EAPCI Board 2016-2018 (under M. Haude's leadership)? **Yes**

- Member EAPCI Young Committee
- Member EAPCI Women's Committee

To reduce the burden of cardiovascular disease through Percutaneous Cardiovascular Interventions.

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

>210 peer reviewed publications in major journal such as New England Journal of Medicine, the Lancet, Nature Reviews, European Heart Journal, Circulation, Journal of the American College of Cardiology, Journal of the American College of Cardiology Interventions, Circulation Interventions, Heart BMJ, JAMA Cardiology. H index 54.

1. 2023 ESC Guidelines for the management of acute coronary syndromes. Byrne RA, Rossello X, Coughlan JJ, Barbato E, Berry C, Chieffo A, Claeys MJ, Dan GA, Dweck MR, Galbraith M, Gilard M, Hinterbuchner L, Jankowska EA, Jüni P, Kimura T, **Kunadian V**, Leosdottir M, Lorusso R, Pedretti RFE, Rigopoulos AG, Rubini Gimenez M, Thiele H, Vranckx P, Wassmann S, Wenger NK, Ibanez B; ESC Scientific Document Group. **Eur Heart J. 2023 Oct 12;44(38):3720-3826.**
Role: Task force member ESC ACS guidelines committee
2. The Lancet women and cardiovascular disease Commission: reducing the global burden by 2030. Vogel B, Acevedo M, Appelman Y, Bairey Merz CN, Chieffo A, Figtree GA, Guerrero M, **Kunadian V**, Lam CSP, Maas AHEM, Mihailidou AS, Olszanecka A, Poole JE, Saldarriaga C, Saw J, Zühlke L, Mehran R. **Lancet. 2021 Jun 19;397(10292):2385-2438.**
Role: Invited UK Commissioner on the Lancet Commission
3. An EAPCI Expert Consensus Document on Ischaemia with Non-Obstructive Coronary Arteries in Collaboration with European Society of Cardiology Working Group on Coronary Pathophysiology & Microcirculation Endorsed by Coronary Vasomotor Disorders International Study Group. **Kunadian V**, Chieffo A, Camici PG, Berry C, Escaned J, Maas AHEM, Prescott E, Karam N, Appelman Y, Fraccaro C, Louise Buchanan G, Manzo-Silberman S, Al-Lamee R, Regar E, Lansky A, Abbott JD, Badimon L, Duncker DJ, Mehran R, Capodanno D, Baumbach A. **Eur Heart J. 2020 Oct 1;41(37):3504-3520.**
Role: Document Chair and lead author
4. Ticagrelor with or without Aspirin in High-Risk Patients after PCI. Mehran R, Baber U, Sharma SK, Cohen DJ, Angiolillo DJ, Briguori C, Cha JY, Collier T, Dangas G, Dudek D, Džavík V, Escaned J, Gil R, Gurbel P, Hamm CW, Henry T, Huber K, Kastrati A, Kaul U, Kornowski R, Krucoff M, **Kunadian V**, Marx SO, Mehta SR, Moliterno D, Ohman EM, Oldroyd K, Sardella G, Sartori S, Shlofmitz R, Steg PG, Weisz G, Witzenbichler B, Han YL, Pocock S, Gibson CM. **N Engl J Med. 2019 Nov 21;381(21):2032-2042.**
Role: UK Country Lead and Member of the Global Executive Steering Committee
5. Strategies to attenuate micro-vascular obstruction during P-PCI: the randomized reperfusion facilitated by local adjunctive therapy in ST-elevation myocardial infarction trial. Nazir SA, McCann GP, Greenwood JP, **Kunadian V**, Khan JN, Mahmoud IZ, Blackman DJ, Been M, Abrams KR, Shipley L, Wilcox R, Adgey AA, Gershlick AH. **Eur Heart J. 2016 Jun 21;37(24):1910-9.**
Role: Principal Investigator

To reduce the burden of cardiovascular disease through Percutaneous Cardiovascular Interventions.

6. Outcomes in patients with cardiogenic shock following percutaneous coronary intervention in the contemporary era: an analysis from the BCIS database (British Cardiovascular Intervention Society). **Kunadian V**, Qiu W, Ludman P, Redwood S, Curzen N, Stables R, Gunn J, Gershlick A; National Institute for Cardiovascular Outcomes Research.
JACC Cardiovasc Interv. 2014 Dec;7(12):1374-85
Role: Lead author
7. Angiographic outcomes in the PLATO Trial (Platelet Inhibition and Patient Outcomes). **Kunadian V**, James SK, Wojdyla DM, Zorkun C, Wu J, Storey RF, Steg PG, Katus H, Emanuelsson H, Horrow J, Maya J, Wallentin L, Harrington RA, Gibson CM.
JACC Cardiovasc Interv. 2013 Jul;6(7):671-83.
Role: Lead author
8. Duration of Dual Antiplatelet Therapy for Patients at High Bleeding Risk Undergoing PCI. Valgimigli M, Cao D, Angiolillo DJ, Bangalore S, Bhatt DL, Ge J, Hermiller J, Makkar RR, Neumann FJ, Saito S, Picon H, Toelg R, Maksoud A, Chehab BM, Choi JW, Campo G, De la Torre Hernandez JM, **Kunadian V**, Sardella G, Thiele H, Varenne O, Vranckx P, Windecker S, Zhou Y, Krucoff MW, Ruster K, Zheng Y, Mehran R; XIENCE 90 and XIENCE 28 Investigators.
J Am Coll Cardiol. 2021 Nov 23;78(21):2060-2072.
Role: UK Country Lead and Member of the Global Executive Steering Committee
9. Management of Acute Coronary Syndrome in the Older Adult Population: A Scientific Statement From the American Heart Association. Damluji AA, Forman DE, Wang TY, Chikwe J, **Kunadian V**, Rich MW, Young BA, Page RL 2nd, DeVon HA, Alexander KP; American Heart Association Cardiovascular Disease in Older Populations Committee of the Council on Clinical Cardiology and Council on Cardiovascular and Stroke Nursing; Council on Cardiovascular Radiology and Intervention; and Council on Lifestyle and Cardiometabolic Health.
Circulation. 2023 Jan 17;147(3):e32-e62.
Role: Invited task force member of the writing committee
10. Bleeding and Ischemic Outcomes With Ticagrelor Monotherapy According to Body Mass Index. **Kunadian V**, Baber U, Pivato CA, Cao D, Dangas G, Sartori S, Zhang Z, Angiolillo DJ, Briguori C, Cohen DJ, Collier T, Dudek D, Gibson M, Gil R, Huber K, Kaul U, Kornowski R, Krucoff MW, Dehghani P, Mehta S, Moliterno DJ, Ohman EM, Escaned J, Sardella G, Sharma SK, Shlofmitz R, Weisz G, Witzenbichler B, Džavík V, Gurbel P, Hamm CW, Henry T, Kastrati A, Marx SO, Oldroyd K, Steg PG, Pocock S, Mehran R.
JACC Cardiovasc Interv. 2022 Oct 10;15(19):1948-1960.
Role: UK Country Lead and Member of the Global Executive Steering Committee

To reduce the burden of cardiovascular disease through Percutaneous Cardiovascular Interventions.

What would you like to achieve if you were elected? Please provide your 3 main topics (max 500 words)

I am delighted to be nominated by PCR Board to stand for the EAPCI elections as PCR representative.

I would ensure continuity of close collaboration between EAPCI and PCR through the following 3 topics.

1. Outstanding continued education in PCI:

The mission of PCR is to serve the needs of each individual patient by helping the cardiovascular community to share knowledge, experience and practice in cardiovascular interventional medicine. Its activities cover a large spectrum, from the organisation of world leading annual courses to editing scientific journals, publishing textbooks as well as providing training sessions and online courses on key interventional cardiology themes. The role of PCR representatives essentially is to help bridge EAPCI, PCR and the interventional cardiology community. Identify the needs and address them through discussions at the executive level to impact change and practice. This is achieved through scientific documents, development of interventional cardiology curriculum, selection of young colleagues for the EAPCI grants, to have the opportunity to work together with the wider ESC family associations/working groups.

2. EAPCI/PCR from strength to strength:

Having been part of EAPCI and PCR one way or another for nearly 15 years, I have witnessed the evolution of EAPCI to one of the strongest associations of the ESC. Over the years, I have had the privilege to be part of many of the EAPCI committees as outlined above and have learnt much. Being part of the EAPCI and PCR community enabled me to interact with amazing colleagues and distinguished experts from the very early stages of my interventional and academic career that helped shape me to be who I am today.

Now it is time to give back! Each member is part of an amazing large inclusive community of interventional cardiology and you are never alone regardless of your gender, ethnicity, and geography! I would also like to see our younger colleagues to be actively involved in EAPCI and PCR because they are our future. I would like to ensure that each EAPCI member feels part of this big family of EAPCI and PCR where you make lifelong friends who become your allies, sponsors, collaborators and champions for the rest of your career. Ensure that no one will be turned away but have a productive, fruitful, enriching career in interventional cardiology ultimately to provide the very best care to our patients!

3. Mission to reduce the burden of CVD through PCI:

EAPCI now consists of 12 committees including pretty much all aspects of interventional cardiology. Despite enormous breakthrough in interventional and medical strategies over the past few decades, cardiovascular disease (CVD) remains Europe's and world's number 1 killer! Therefore we must keep going. Together, we must continue our fight against this deadly disease. I would like to ensure that by getting involved with EAPCI as a member and subsequently as a committee member, each person is able to make a real difference in reducing the burden of CVD which really is our ultimate goal!

To reduce the burden of cardiovascular disease through Percutaneous Cardiovascular Interventions.

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

I have been actively involved with EAPCI and PCR for more than a decade. Despite the demanding needs of the various roles, I have shown full commitments to the roles as shown above in my achievements. With effective time management, I had been able to handle the workload associated with the demanding needs of this important role within the association. I will aim to implement the same strategy to ensure my full commitment to this role for the next term.

To reduce the burden of cardiovascular disease through Percutaneous Cardiovascular Interventions.