

Curriculum Vitae

Konstantinos Toutouzas, MD

Application for the position of Councillor of ESC

Photo



Personal Information

Place and Date of Birth: Athens, 22/03/1971

Nationality: Greek

Current Position and Professional Address

- Professor of Cardiology, National & Kapodistrian University of Athens
- Director of Cardio-oncology unit and structural heart disease unit, First Department of Cardiology, National & Kapodistrian University of Athens
- Chairman of the Postgraduate (MSc) program: 'Interventional Cardiology', National & Kapodistrian University of Athens
- President of the Hellenic Society of Cardiology (2025-2027)
- Chairperson-elect of ESC Council for Cardiology Practice (2024-2026)
- Board member of Hellenic Heart Foundation
- Member of ESC advocacy committee 2024-2026

Education and Postgraduate Training

- 1994: Graduation from Athens Medical School
- 1995-96: Military Service
- 1996-97: Internal Medicine Department of Air Force General Hospital 251, Athens
- 1997-99: 2nd Department of Internal Medicine, Athens Medical School, Hippokration Hospital, Athens
- 1999-2001: First Department of Cardiology, Athens Medical School, Hippokration Hospital, Athens
- August 2001- February 2002: Fellow in Interventional Cardiology, Centro Cuore Columbus, Milan, Italy
- March 2002-May 2003: Fellow in Interventional Cardiology, First Department of Cardiology, Athens Medical School, Hippokration Hospital, Athens
- June 2003- May 2014: Interventional Cardiologist in Hippokration Hospital, First Department of Cardiology, Athens
- May 2014 – December 2018: Associate Professor of Cardiology, First Department of Cardiology, Athens
- December 2018: Professor of Cardiology, First Department of Cardiology, Athens

European Society of Cardiology Activities

- Nominating Committee Member of European Society of Cardiology (2015-2016)
- Treasurer of ESC Council for Cardiology Practice (2020-2022)
- Communications coordinator of ESC Council for Cardiology Practice (2022-2024)
- Chairman Elect of Council of Cardiology Practice (2024-2026)

Participation in Other International Scientific Committees

- Fellow of European Society of Cardiology (FESC)

- Member of European Association of Percutaneous Cardiovascular Intervention (EAPCI)
- Member of Society for Cardiac Angiography and Interventions (SCAI)
- Faculty member of Transcatheter Cardiovascular Therapeutics (TCT) international meeting, Society for Cardiac Angiography and Interventions (SCAI) scientific sessions and PCR London valves

Editorial Boards

Hellenic Journal of Cardiology (current)

International Journal of Cardiology (2012-17)

Leadership and Management Experience

As President of the Hellenic Society of Cardiology, I gained valuable experience in organizational leadership and strategy. I honed my skills in administrating meetings, ensuring that the society's objectives were met while also addressing the diverse needs of our members. Transitioning to the position of President, I now have the opportunity to shape the strategic vision of the society and lead initiatives that promote cardiovascular health in Greece. My focus includes enhancing research funding, expanding educational programs, and advocating for policies that support cardiology professionals and patient care. Leading such a prestigious organization requires not only strong leadership but also the ability to build and maintain effective relationships with members, healthcare institutions, and government agencies. Similarly, as President-elect of ESC Council for Cardiology Practice, I am focused on fostering collaboration among healthcare professionals, advocating for best practices in patient care, and promoting education and research that align with the evolving landscape of cardiology.

Fellowships and Honours

- 1999: Hellenic Cardiological Society scholarship
 - 2001: European Society of Cardiology scholarship
 - 1999, 2001, 2003, 2013: Hellenic Cardiological Society: Scientific Research award
 - 2007: Distinction in oral presentation in international congress Transcatheter Cardiovascular Therapeutics
 - 2012: Visiting Professor University of Bolton, Bolton, UK
 - 2013: New York College of Athens: award of distinguished scientist
 - Best poster presentation in 'Behrakis Cardiovascular Symposium in Vascular Biology 2013'
 - Highest ranking abstract from Greece in ACC's annual Scientific Sessions 2015
 - 2012-2014: President of the working Group of Interventional Cardiology of Hellenic Cardiological Society
 - 2015: Best poster in European Society of Cardiology Congress
 - 2016: Travel grant in European Stroke Conference
 - 2021: Highest ranking abstract (Paul Dudley White Prize) from Greece in AHA's annual scientific Sessions
- Honorary Memberships

Top 10 Most Relevant Publications

1. **Toutouzas K**, Tsiamis E, Karanasos A, Drakopoulou M, Synetos A, Tsioufis C, Tousoulis D, Davlourous P, Alexopoulos D, Bouki K, Apostolou T, Stefanadis C. Morphological characteristics of culprit atheromatic plaque are associated with coronary flow after thrombolytic therapy: New implications of optical coherence tomography from a multicenter study. *JACC Cardiovasc Interv.* 2010;3:507-514
2. **Toutouzas K**, Grassos C, Drakopoulou M, Synetos A, Tsiamis E, Aggeli C, Stathogiannis K, Klettas D, Kavantzias N, Agrogianis G, Patsouris E, Klonaris C, Liasis N, Tousoulis D, Siores E, Stefanadis C. First in vivo application of microwave radiometry in human carotids: A new noninvasive method for detection of local inflammatory activation. *J Am Coll Cardiol.* 2012;59:1645-1653

3. **Toutouzas K**, Benetos G, Karanasos A, Chatzizisis YS, Giannopoulos AA, Tousoulis D. Vulnerable plaque imaging: updates on new pathobiological mechanisms. *Eur Heart J*. 2015 Sep 28. pii: ehv508
4. **Toutouzas K**, Benetos G, Voudris V, et al. Pre-Dilatation Versus No 5. Pre-Dilatation for Implantation of a Self-Expanding Valve in All Corners Undergoing TAVR: The DIRECT Trial. *JACC Cardiovasc Interv*. 2019 Apr 22;12(8):767-777. doi: 10.1016/j.jcin.2019.02.005. Epub 2019 Mar 27.
5. **Toutouzas K**, Benetos G, Oikonomou G, et al. Increase in Carotid Temperature Heterogeneity Is Associated With Cardiovascular and Cerebrovascular Events. *Circ Cardiovasc Imaging*. 2018 Nov;11(11):e008292.
6. Stathogiannis K, Synetos A, Latsios G, et al, **Toutouzas K**. Long-Term Outcomes and Valve Performance in Patients Undergoing Transcatheter Aortic Valve Implantation. *Am J Cardiol*. 2021 May 15;147:80-87
7. López-Fernández T, Farmakis D, Ameri P, et al, **Toutouzas K**, Rosano GMC. European Society of Cardiology Core Curriculum for cardio-oncology. *Eur J Heart Fail*. 2023 Dec 7. doi: 10.1002/ejhf.3102.
8. Royen NV, Amat-Santos IJ, Hudec M, **Toutouzas K**, et al. Early outcomes of the novel Myval THV series compared to SAPIEN THV series and Evolut THV series in individuals with severe aortic stenosis. *EuroIntervention*. 2025 Jan 20;21(2):e105-e118.
9. Baumbach A, van Royen N, Amat-Santos IJ, **Toutouzas K**, et al; LANDMARK trial investigators. LANDMARK comparison of early outcomes of newer-generation Myval transcatheter heart valve series with contemporary valves (Sapien and Evolut) in real-world individuals with severe symptomatic native aortic stenosis: a randomised non-inferiority trial. *Lancet*. 2024 Jun 22;403(10445):2695-2708.
10. Apostolos A, Gregoriou S, Drakopoulou M, et al, **Toutouzas K**. Patent Foramen Ovale Closure in Patients With and Without Nickel Hypersensitivity: A Randomized Trial. *Circ Cardiovasc Interv*. 2025 Apr;18(4):e015228. doi: 10.1161/CIRCINTERVENTIONS.125.015228.

Major Research Interest

- Clinical evaluation of new stent designs for the treatment of lesions in bifurcations, in thrombus containing lesions, saphenous vein grafts.
- Clinical evaluation of drug cardiotoxicity in oncology patients
- Invasive methods, including intravascular ultrasound, thermography and optical coherence tomography for evaluation of vulnerable or high-risk plaques.
- Non-invasive detection of vulnerable plaque inflammation by novel imaging modalities
- Clinical study of patients with structural valve disease (valvular, ASD, PFO)
- Principal Investigator in multicenter randomized 'Direct' trial (Predilatation in Transcatheter Aortic Valve Implantation Trial, NCT02448927)
- Principal investigator in Greece of multicenter Landmark trial (NCT04275726)
- Principal investigator of beta-TAVI (impact of beta-blockers on TAVI, NCT05721170)
- Principal investigator of COMPASS-ART study (A Predictive Score for Arterial Thrombosis Associated With Cancer (NCT05256329)
- Principal investigator in 'TAVI in Intermediate Risk Septuagenarians With Risk Factors Not Captured by the Traditional Surgical Risk Scores' (NCT04517955)