



Curriculum Vitae

Personal information **Michail Spartalis**

Work experience

12/01/2022 – CURRENT Athens, Greece
CARDIOLOGIST | CARDIAC ELECTROPHYSIOLOGIST NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS
Electrophysiology studies, electrophysiology mapping/ablation procedures, implantation of permanent pacemakers, intracardiac defibrillators and cardiac resynchronisation therapy devices as first operator. Selection and positioning of diagnostic EP catheters, selection of vascular access and approach to cardiac chambers for ablation, use of appropriate advanced mapping systems, including registration with 3D anatomical models of cardiac chambers reconstructed from CT or MRI.
Department 3rd Department of Cardiology

31/12/2020 – 31/12/2021 Milan, Italy
CARDIOLOGIST, ELECTROPHYSIOLOGIST SAN RAFFAELE UNIVERSITY HOSPITAL
Electrophysiology studies, electrophysiology mapping/ablation procedures, implantation of permanent pacemakers, intracardiac defibrillators and cardiac resynchronisation therapy devices as first operator. Selection and positioning of diagnostic EP catheters, selection of vascular access and approach to cardiac chambers for ablation, use of appropriate advanced mapping systems, including registration with 3D anatomical models of cardiac chambers reconstructed from CT or MRI.
Business or Sector Human health and social work activities Department Arrhythmia Unit Address Via Olgettina 60, 20132, Milan, Italy Email contact@univr.it Website <https://www.univr.it>

30/11/2016 – 30/12/2020 Athens, Greece
CARDIOLOGIST, ELECTROPHYSIOLOGIST ONASSIS CARDIAC SURGERY CENTER
Electrophysiology studies, electrophysiology mapping/ablation procedures, implantation of permanent pacemakers, intracardiac defibrillators and cardiac resynchronisation therapy devices as first operator. Selection and positioning of diagnostic EP catheters, selection of vascular access and approach to cardiac chambers for ablation, use of appropriate advanced mapping systems, including registration with 3D anatomical models of cardiac chambers reconstructed from CT or MRI.
Business or Sector Human health and social work activities Department Electrophysiology and Pacing Unit Address 356 Syngrou Ave, 17674, Athens, Greece Website <http://www.onasseio.gr>

04/04/2023 – CURRENT Sophia Antipolis, France
DEPUTY EDITOR EUROPEAN HEART JOURNAL CASE REPORTS
Responsible for making initial decisions on each article, assigning reviewers, and making final recommendations on manuscripts

01/03/2022 – CURRENT Washington, United States
SOCIAL MEDIA CONSULTANT JACC ADVANCES

01/03/2016 – CURRENT Athens, Greece
SCIENTIFIC ASSOCIATE NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS
Research activity mainly focused on cardiovascular medicine, cardiac electrophysiology, device therapy, atrial fibrillation, catheter ablation, and antiplatelet therapy. Clinical and experimental studies. Publications on high impact medical journals. Maintaining databases and registries of cardiovascular diseases. Co- Investigator on three large-scale randomized multicenter trials.
Business or Sector Human health and social work activities
Department Laboratory of Experimental Surgery and Surgical Research
Address 15 Agiou Thoma Str, 11527, Athens, Greece Website <https://school-en.med.uoa.gr>

09/06/2013 – 29/11/2016 Athens, Greece
CARDIOLOGIST ONASSIS CARDIAC SURGERY CENTER
Participation in the cardiology day, night and weekend on-call rotations (emergency cardiac conditions).
Electrophysiology studies, electrophysiology mapping/ablation procedures, implantation of permanent pacemakers, intracardiac defibrillators and cardiac resynchronisation therapy devices as first operator.
Business or Sector Human health and social work activities Department Division of Cardiology Address 356 Syngrou Ave, 17674, Athens, Greece Website <http://www.onasseio.gr>

14/04/2009 – 30/05/2012 Rhodes, Greece
INTERNAL MEDICINE GENERAL HOSPITAL OF RHODES
Medical specialization in the prevention, diagnosis, and treatment of adult diseases.
Participation in the internal medicine day, night and weekend on-call rotations (emergency medical conditions).
Research activity mainly focused on cardiovascular medicine.
Business or Sector Human health and social work activities Department 2nd Department of Internal Medicine
Address 1 Christian Barnard Str, 85133, Rhodes, Greece Website <http://www.rhodes-hospital.gr>

26/06/2012 – 06/05/2013 Rhodes, Greece
CARDIOLOGIST GENERAL HOSPITAL OF RHODES
Participation in the cardiology day, night and weekend on-call rotations (emergency cardiac conditions).
Electrophysiology studies, electrophysiology mapping/ablation procedures, implantation of permanent pacemakers, intracardiac defibrillators and cardiac resynchronisation therapy devices as first operator.
Business or Sector Human health and social work activities Department Department of Cardiology Address 1 Christian Barnard Str, 85133, Rhodes, Greece Website <http://www.rhodes-hospital.gr>

Education and training

6/10/24 - 23/09/25 Maastricht, Netherlands
 Leadership and Innovation in Cardiac Arrhythmia Management (DAS-CAM)
 Address Universiteitssingel 40, Maastricht PO Box 616, 6200 MD Maastricht, The Netherlands
 Website <https://www.carimmaastricht.nl/education/postgraduate-programme/das-cam>

31/12/2020 – 31/12/2021 Milan, Italy
 MASTER IN INTERVENTIONAL ELECTROPHYSIOLOGY Università Vita-Salute San Raffaele
 Address Via Olgettina 60, 20132, Milan, Italy Website <https://www.unisr.it> Field of study Medicine

20/10/2020 – CURRENT Washington, United States
 CERTIFIED ELECTROPHYSIOLOGY SPECIALIST International Board of Heart Rhythm Examiners
 Address 1325 G Street NW, DC 20005, Washington, United States
 Website <https://ibhre.org/physicians/ceps-exam/physician-certified-electrophysiology-specialist-ceps-recipients>

07/08/2018 – CURRENT Washington, United States
 CERTIFIED CARDIAC DEVICE SPECIALIST International Board of Heart Rhythm Examiners
 Certification Examination for Competency in Cardiac Rhythm Device Therapy Address 1325 G Street NW, DC 20005, Washington, United States
 Website <https://ibhre.org/physicians/ccds-exam/physician-certified-cardiac-device-specialist-ccds-recipients> Field of study Medicine Valid until 30/12/2028

20/06/2018 – 19/06/2019 Boston, United States
 CLINICAL SCHOLAR Harvard Medical School
 Global Clinical Scholars Research Training (GCSRT) Program, Clinical Trials concentration, with focus on designing and conducting clinical trials, and performing primary and secondary analyses
 Address 25 Shattuck Str, 02115, Boston, United States Website <https://hms.harvard.edu> Field of study Medicine

12/02/2018 – 28/07/2022 Athens, Greece
 DOCTOR OF PHILOSOPHY (PHD) IN CARDIOLOGY National and Kapodistrian University of Athens, Medical School
 Address 75 Mikras Asias Str, 11527, Athens, Greece Website <https://school.med.uoa.gr> Field of study Medicine

06/08/2019 – 08/10/2019 Oxford, United Kingdom
 OXFORD EXECUTIVE LEADERSHIP PROGRAM University of Oxford – Saïd Business School
 Address Park End Street, OX1 1HP, Oxford, United Kingdom Website <https://www.sbs.ox.ac.uk> Field of study Management and administration

31/08/2017 – 29/08/2019 Paris, France
 MASTER IN HEALTH CARE MANAGEMENT Conservatoire National des Arts et Metiers
 Gestionnaire d'établissements médicaux et médico-sociaux
 Address 292 rue Saint-Martin, F-75141, Paris, France Website <https://www.cnam.fr>
 Field of study Management and administration

31/01/2015 – 31/01/2017 Athens, Greece
 MASTER OF SCIENCE National and Kapodistrian University of Athens, Medical School
 Thrombosis, Hemorrhage and Transfusion Medicine
 Address 75 Mikras Asias Str, 11527, Athens, Greece Website <https://school.med.uoa.gr/> Field of study Medicine

26/10/2016 Athens, Greece
 BOARD CERTIFICATION IN CARDIOLOGY Attikon University Hospital
 Board certification in Cardiology after successfully passing the Cardiology Specialty examination Address 1 Rimini Str, 12462, Athens, Greece Website <http://www.attikonhospital.gr> Field of study Medicine

14/09/2001 – 26/07/2007 Athens, Greece
 MEDICAL DOCTOR National and Kapodistrian University of Athens, Medical School
 Address 75 Mikras Asias Str, 11527, Athens, Greece
 Website <https://school.med.uoa.gr> Field of study Medicine

Additional information

Publications

- 1: NIHR Global Health Unit on Global Surgery; COVIDSurg Collaborative. Elective surgery system strengthening: development, measurement, and validation of the surgical preparedness index across 1632 hospitals in 119 countries. *Lancet*. 2022 Nov 5;400(10363):1607-1617. doi: 10.1016/S0140-6736(22)01846-3. Epub 2022 Oct 31. PMID: 36328042; PMCID: PMC9621702.
- 2: Paschou SA, Bletsas E, Stampouloglou PK, Tsigkou V, Valatsou A, Stefanaki K, Kazakou P, Spartalis M, Spartalis E, Oikonomou E, Siasos G. Thyroid disorders and cardiovascular manifestations: an update. *Endocrine*. 2022 Mar;75(3):672-683. doi: 10.1007/s12020-022-02982-4. Epub 2022 Jan 15. PMID: 35032315.
- 3: Pavlou DI, Paschou SA, Anagnostis P, Spartalis M, Spartalis E, Vryonidou A, Tentolouris N, Siasos G. Hypertension in patients with type 2 diabetes mellitus: Targets and management. *Maturitas*. 2018 Jun;112:71-77. doi: 10.1016/j.maturitas.2018.03.013. Epub 2018 Mar 30. PMID: 29704920.
- 4: Einstein AJ, Hirschfeld C, Williams MC, Vitola JV, Better N, Villines TC, Cerci R, Shaw LJ, Choi AD, Dorbala S, Karthikeyan G, Lu B, Sinitsyn V, Ansheles AA, Kudo T, Bucciarelli-Ducci C, Nørgaard BL, Maurovich-Horvat P, Campisi R, Milan E, Louw L, Allam AH, Bhatia M, Sewanan L, Malkovskiy E, Cohen Y, Randazzo M, Narula J, Morozova O, Pascual TNB, Pynda Y, Dondi M, Paez D; INCAPS COVID 2 Investigators Group. Worldwide Disparities in Recovery of Cardiac Testing 1 Year Into COVID-19. *J Am Coll Cardiol*. 2022 May 24;79(20):2001-2017. doi: 10.1016/j.jacc.2022.03.348. PMID: 35589162; PMCID: PMC9109706.
- 5: National Institute for Health and Care Research Global Health Research Unit on Global Surgery. Reducing the environmental impact of surgery on a global scale: systematic review and co-prioritization with healthcare workers in 132 countries. *Br J Surg*. 2023 Jun 12;110(7):804-817. doi: 10.1093/bjs/znad092. PMID: 37079880.
- 6: Boyalla V, Gallego-Colon E, Spartalis M. Immunity and inflammation in cardiovascular disorders. *BMC Cardiovasc Disord*. 2023 Mar 23;23(1):148. doi: 10.1186/s12872-023-03185-z. PMID: 36959565; PMCID: PMC10035189.
- 7: Pantelidis P, Spartalis M, Zakyntinos G, Anastasiou A, Goliopoulou A,

- Oikonomou E, Iliopoulos DC, Siasos G. Artificial Intelligence: The New "Fuel" to Accelerate Pharmaceutical Development. *Curr Pharm Des.* 2022;28(26):2127-2128. doi: 10.2174/1381612828666220729101103. PMID: 35909280.
- 8: Akhtar Z, Sharma S, Elbatran AI, Leung LWM, Kontogiannis C, Spartalis M, Roberts A, Bajpai A, Zuberi Z, Gallagher MM. Medium-Term Outcomes in COVID-19. *J Clin Med.* 2022 Apr 5;11(7):2033. doi: 10.3390/jcm11072033. PMID: 35407640; PMCID: PMC9000210.
- 9: Georgiopoulos G, Tsiachris D, Kordalis A, Kontogiannis C, Spartalis M, Pietri P, Magkas N, Stefanadis C. Pharmacotherapeutic strategies for atrial fibrillation in pregnancy. *Expert Opin Pharmacother.* 2019 Sep;20(13):1625-1636. doi: 10.1080/14656566.2019.1621290. Epub 2019 May 28. PMID: 31136204.
- 10: Spartalis M, Tzatzaki E, Spartalis E. Letter by Spartalis et al Regarding Article, "Modifiable Risk Factors and Atrial Fibrillation". *Circulation.* 2018 Apr 3;137(14):1528-1529. doi: 10.1161/CIRCULATIONAHA.117.031481. PMID: 29610132.
- 11: Spartalis M, Nakajima K, Zweiker D, Spartalis E, Iliopoulos DC, Siasos G. Contemporary ICD Use in Patients with Heart Failure. *Cardiol Ther.* 2021 Dec;10(2):313-324. doi: 10.1007/s40119-021-00225-7. Epub 2021 Jun 15. PMID: 34129228; PMCID: PMC8555039.
- 12: Spartalis M. Genome Editing and Atrial Fibrillation. *Adv Exp Med Biol.* 2023;1396:129-137. doi: 10.1007/978-981-19-5642-3_9. PMID: 36454464.
- 13: Spartalis M, Tzatzaki E, Spartalis E, Damaskos C, Athanasiou A, Livanis E, Voudris V. Pathophysiology and Current Evidence for Detection of Dyssynchrony. *Cardiol Res.* 2017 Oct;8(5):179-183. doi: 10.14740/cr598w. Epub 2017 Oct 27. PMID: 29118878; PMCID: PMC5667703.
- 14: Spartalis M, Spartalis E, Tzatzaki E, Tsilimigras DI, Moris D, Kontogiannis C, Livanis E, Iliopoulos DC, Voudris V, Theodorakis GN. Novel approaches for the treatment of ventricular tachycardia. *World J Cardiol.* 2018 Jul 26;10(7):52-59. doi: 10.4330/wjc.v10.i7.52. PMID: 30079151; PMCID: PMC6068734.
- 15: Kouvas N, Kontogiannis C, Georgiopoulos G, Spartalis M, Tsilimigras DI, Spartalis E, Kapelouzou A, Kosmopoulos M, Chatzidou S. The complex crosstalk between inflammatory cytokines and ventricular arrhythmias. *Cytokine.* 2018 Nov;111:171-177. doi: 10.1016/j.cyto.2018.08.007. Epub 2018 Aug 29. PMID: 30172113.
- 16: Kontogiannis C, Tampakis K, Georgiopoulos G, Bartoletti S, Papageorgiou C, Anninos H, Kapelouzou A, Spartalis M, Paraskevaidis I, Chatzidou S. Electrical Storm: Current Evidence, Clinical Implications, and Future Perspectives. *Curr Cardiol Rep.* 2019 Jul 27;21(9):96. doi: 10.1007/s11886-019-1190-0. PMID: 31352528.
- 17: Paschou SA, Kosmopoulos M, Nikas IP, Spartalis M, Kassi E, Goulis DG, Lambrinouadaki I, Siasos G. The Impact of Obesity on the Association between Vitamin D Deficiency and Cardiovascular Disease. *Nutrients.* 2019 Oct 14;11(10):2458. doi: 10.3390/nu11102458. PMID: 31615154; PMCID: PMC6835874.
- 18: Spartalis M, Spartalis E, Siasos G. Cardiac allograft vasculopathy after heart transplantation: Pathophysiology, detection approaches, prevention, and treatment management. *Trends Cardiovasc Med.* 2022 Aug;32(6):333-338. doi: 10.1016/j.tcm.2021.07.002. Epub 2021 Jul 22. PMID: 34303800.
- 19: Spartalis M, Siasos G. Challenging the "Divinity" of Aspirin Monotherapy for Secondary Prevention of Cardiovascular Disease. *JACC Asia.* 2023 Mar 14;3(2):208-210. doi: 10.1016/j.jacasi.2023.01.002. PMID: 37181392; PMCID: PMC10167494.
- 20: Oikonomou E, Siasos G, Tsigkou V, Bletsas E, Panoilia ME, Oikonomou IN, Simanidis I, Spinou M, Papastavrou A, Kokosias G, Zaromitidou M, Stampouloglou P, Spartalis M, Vavuranakis M, Stefanadis C, Papavassiliou AG, Tousoulis D. Coronary Artery Disease and Endothelial Dysfunction: Novel Diagnostic and Therapeutic Approaches. *Curr Med Chem.* 2020;27(7):1052-1080. doi: 10.2174/0929867326666190830103219. PMID: 31470773.
- 21: Spartalis M, Spartalis E, Tzatzaki E, Tsilimigras DI, Moris D, Kontogiannis C, Iliopoulos DC, Voudris V, Siasos G. Cardiac allograft vasculopathy after heart transplantation: current prevention and treatment strategies. *Eur Rev Med Pharmacol Sci.* 2019 Jan;23(1):303-311. doi: 10.26355/eurrev_201901_16777. PMID: 30657571.
- 22: Spartalis M, Tzatzaki E, Spartalis E, Doulamis IP, Tsilimigras DI, Moris D, Dimitroulis D, Voudris V. Intrinsic Atrioventricular Node Conduction Recovery After Transcatheter Aortic Valve Implantation and the Permanent Pacemaker Implantation Enigma. *Cardiol Res.* 2017 Dec;8(6):269-270. doi: 10.14740/cr633w. Epub 2017 Dec 22. PMID: 29317967; PMCID: PMC5755656.
- 23: Spartalis M, Tzatzaki E, Moris D, Athanasiou A, Spartalis E. Morbidity, mortality, and obesity paradox. *Ann Transl Med.* 2017 Nov;5(21):440. doi: 10.21037/atm.2017.08.31. PMID: 29201891; PMCID: PMC5690960.
- 24: Tsiptsios D, Anastasiadis A, Ouranidis A, Triantafyllis AS, Fountoulakis P, Spartalis M, Tsartsalis D, Tsamakias K. Simultaneous Proximal Median and Ulnar Neuropathy: A Rare Complication of 24-hour Ambulatory Blood Pressure Monitoring with Unexpected Neurophysiological Findings. *Maedica (Bucur).* 2021 Mar;16(1):130-134. doi: 10.26574/maedica.2020.16.1.130. PMID: 34221168; PMCID: PMC8224729.
- 25: Moris D, Spartalis M, Tzatzaki E, Spartalis E, Karachaliou GS, Triantafyllis AS, Karaolani GI, Tsilimigras DI, Theocharis S. The role of reactive oxygen species in myocardial redox signaling and regulation. *Ann Transl Med.* 2017 Aug;5(16):324. doi: 10.21037/atm.2017.06.17. PMID: 28861421; PMCID: PMC5566737.
- 26: Moris D, Spartalis M, Spartalis E, Karachaliou GS, Karaolani GI, Tsurouflis G, Tsilimigras DI, Tzatzaki E, Theocharis S. The role of reactive oxygen species in the pathophysiology of cardiovascular diseases and the

- clinical significance of myocardial redox. *Ann Transl Med.* 2017 Aug;5(16):326. doi: 10.21037/atm.2017.06.27. PMID: 28861423; PMCID: PMC5566734.
- 27: Spartalis M, Pantelidis P, Kontogiannis C, Paschou SA, Spartalis E, Iliopoulos DC, Siasos G. The Complex Relationship Between Diabetes and Cardiac Arrhythmias: Pathophysiology and Mechanisms. *Curr Pharm Des.* 2022;28(26):2129-2130. doi: 10.2174/1381612828666220720095433. PMID: 35864792.
- 28: Spartalis M, Tzatzaki E, Spartalis E, Athanasiou A, Moris D, Damaskos C, Garmpis N, Voudris V. Mitral valve prolapse: an underestimated cause of sudden cardiac death-a current review of the literature. *J Thorac Dis.* 2017 Dec;9(12):5390-5398. doi: 10.21037/jtd.2017.11.14. PMID: 29312750; PMCID: PMC5757046.
- 29: Spartalis M, Tzatzaki E, Nikiteas NI, Spartalis E. Controversy regarding amiodarone use before heart transplantation. *J Heart Lung Transplant.* 2017 Dec;36(12):1358. doi: 10.1016/j.healun.2017.09.005. Epub 2017 Sep 13. PMID: 28964646.
- 30: Spartalis M, Tzatzaki E, Spartalis E, Damaskos C, Athanasiou A, Livanis E, Voudris V. The Role of Echocardiography in the Optimization of Cardiac Resynchronization Therapy: Current Evidence and Future Perspectives. *Open Cardiovasc Med J.* 2017 Dec 19;11:133-145. doi: 10.2174/1874192401711010133. PMID: 29387277; PMCID: PMC5748829.
- 31: Spartalis M, Spartalis E, Athanasiou A, Nikiteas N. Safety concerns regarding ablative radiotherapy for ventricular tachycardia. *Radiother Oncol.* 2018 Aug;128(2):387. doi: 10.1016/j.radonc.2018.06.009. Epub 2018 Jun 21. PMID: 29937213.
- 32: Spartalis M, Tzatzaki E, Spartalis E, Damaskos C, Mavrogeni S, Voudris V. Parvovirus B19 Myocarditis of Fulminant Evolution. *Cardiol Res.* 2017 Aug;8(4):172-175. doi: 10.14740/cr580w. Epub 2017 Aug 23. PMID: 28868104; PMCID: PMC5574291.
- 33: Spartalis M, Tzatzaki E, Spartalis E. Letter by Spartalis et al Regarding Article, "Left Ventricular Assist Device Malfunctions: It Is More Than Just the Pump". *Circulation.* 2018 May 22;137(21):2298-2299. doi: 10.1161/CIRCULATIONAHA.117.032724. PMID: 29784683.
- 34: Spartalis M, Zweiker D, Spartalis E, Iliopoulos DC, Siasos G. Long COVID-19 syndrome and sudden cardiac death: the phantom menace. *Curr Med Chem.* 2023 May 15. doi: 10.2174/0929867330666230515145041. Epub ahead of print. PMID: 37190817.
- 35: Spartalis M, Iliopoulos DC, Spartalis E, Athanasiou A, Troupis T. Is apex beat a reliable diagnostic tool of left atrial enlargement? *J Cardiol.* 2021 Sep;78(3):255-256. doi: 10.1016/j.jjcc.2021.03.011. Epub 2021 Apr 6. PMID: 33836916.
- 36: Tzatzaki E, Spartalis E, Spartalis M. Pregnancy after heart transplantation: A second-generation transmission of the gift of life. *J Heart Lung Transplant.* 2020 Nov;39(11):1321-1322. doi: 10.1016/j.healun.2020.05.012. Epub 2020 Jun 5. PMID: 32576420.
- 37: Jajcay N, Bezak B, Segev A, Matetzky S, Jankova J, Spartalis M, El Tahlawi M, Guerra F, Friebe J, Thevathasan T, Berta I, Pözl L, Nägele F, Pogran E, Cader FA, Jarakovic M, Gollmann-Tepeköylü C, Kollarova M, Petrikova K, Tica O, Krychtiuk KA, Tavazzi G, Skurk C, Huber K, Böhm A. Data processing pipeline for cardiogenic shock prediction using machine learning. *Front Cardiovasc Med.* 2023 Mar 23;10:1132680. doi: 10.3389/fcvm.2023.1132680. PMID: 37034352; PMCID: PMC10077147.
- 38: Spartalis M, Tzatzaki E, Paschou SA, Spartalis E. Type 1 diabetes is associated with increased risk of atrial fibrillation. *Int J Cardiol.* 2019 Mar 15;279:114. doi: 10.1016/j.ijcard.2018.09.016. Epub 2018 Dec 4. PMID: 30527347.
- 39: Doulamis IP, Spartalis E, Machairas N, Schizas D, Patsouras D, Spartalis M, Tsilimigras DI, Moris D, Iliopoulos DC, Tzani A, Dimitroulis D, Nikiteas NI. The role of robotics in cardiac surgery: a systematic review. *J Robot Surg.* 2019 Feb;13(1):41-52. doi: 10.1007/s11701-018-0875-5. Epub 2018 Sep 25. PMID: 30255360.
- 40: Spartalis M, Tzatzaki E, Dimitroulis D, Spartalis E. The emerging role of hybrid ablation for atrial fibrillation. *Int J Cardiol.* 2017 Dec 15;249:257. doi: 10.1016/j.ijcard.2017.08.037. PMID: 29121727.
- 41: Spartalis M, Tsilimigras DI, Moris D, Spartalis E. Controversy Regarding the Beneficial Effect of Bariatric Surgery on the Incidence of Atrial Fibrillation. *Obes Surg.* 2018 Jul;28(7):2058-2059. doi: 10.1007/s11695-018-3271-3. PMID: 29671125.
- 42: Spartalis M, Voudris V, Iliopoulos DC, Spartalis E, Siasos G. The paradox of increased risk of atrial fibrillation following bariatric surgery. *J Cardiol.* 2018 Jul;72(1):87. doi: 10.1016/j.jjcc.2018.01.003. Epub 2018 Feb 13. PMID: 29452764.
- 43: Spartalis M, Iliopoulos DC, Spartalis E, Athanasiou A, Paschou SA, Voudris V, Siasos G. Is the clinical benefit of implantable cardioverter-defibrillators in heart failure patients declining? *J Cardiol.* 2020 May;75(5):583-584. doi: 10.1016/j.jjcc.2020.02.002. Epub 2020 Feb 27. PMID: 32115329.
- 44: Spartalis M, Livanis E, Spartalis E, Tsoutsinos A. Electrical storm in an acquired short QT syndrome successfully treated with quinidine. *Clin Case Rep.* 2019 Jun 23;7(8):1617-1618. doi: 10.1002/ccr3.2282. PMID: 31428405; PMCID: PMC6692974.
- 45: Spartalis M, Athanasiou A, Spartalis E, Voudris V. The development of Brugada syndrome phenotype is multifactorial, combining genetic and environmental factors. *Eur Rev Med Pharmacol Sci.* 2020 Apr;24(7):3444-3445. doi: 10.26355/eurrev_202004_20799. PMID: 32329815.
- 46: Zweiker D, El Sawaf B, D'Angelo G, Radinovic A, Marzi A, Limite LR, Frontera

- A, Paglino G, Spartalis M, Zachariah D, Nakajima K, Della Bella P, Mazzone P. Step by Step through the Years-High vs. Low Energy Lead Extraction Using Advanced Extraction Techniques. *J Clin Med.* 2022 Aug 19;11(16):4884. doi: 10.3390/jcm11164884. PMID: 36013123; PMCID: PMC9410501.
- 47: Spartalis M, Zweiker D, Spartalis E, Iliopoulos DC, Siasos G. Hemodynamic support during catheter ablation of ventricular arrhythmias in patients with cardiogenic shock. *Front Cardiovasc Med.* 2023 Apr 27;10:1145123. doi: 10.3389/fcvm.2023.1145123. PMID: 37180778; PMCID: PMC10174244.
- 48: Kontogiannis C, Kosmopoulos M, Georgiopoulos G, Spartalis M, Paraskevaidis I, Chatzidou S. Mitochondria in β -adrenergic signaling: emerging therapeutic perspectives in heart failure and ventricular arrhythmias. *J Thorac Dis.* 2018 Nov;10(Suppl 33):S4183-S4185. doi: 10.21037/jtd.2018.11.01. PMID: 30632537; PMCID: PMC6297546.
- 49: Spartalis M, Iliopoulos DC, Spartalis E, Athanasiou A, Paschou SA, Livanis E, Voudris V, Siasos G. Efficacy of cryoablation for paroxysmal and persistent atrial fibrillation in patients with structural heart disease. *J Cardiol.* 2019 Dec;74(6):543. doi: 10.1016/j.jcc.2019.05.016. Epub 2019 Jun 27. PMID: 31256930.
- 50: Zachariah D, Nakajima K, Limite LR, Zweiker D, Spartalis M, Zirolia D, Musto M, D'Angelo G, Paglino G, Baratto F, Cireddu M, Bisceglia C, Radinovic A, Marzi A, Sala S, Peretto G, Vergara P, Gulletta S, Mazzone P, Della Bella P, Frontera A. Significance of abnormal and late ventricular signals in ventricular tachycardia ablation of ischemic and nonischemic cardiomyopathies. *Heart Rhythm.* 2022 Dec;19(12):2075-2083. doi: 10.1016/j.hrthm.2022.08.008. Epub 2022 Aug 11. PMID: 35964871.
- 51: Spartalis M, Tzatzaki E, Schizas D, Spartalis E. eComment. Amiodarone-induced pulmonary toxicity in patients with atrial fibrillation undergoing lung resection. *Interact Cardiovasc Thorac Surg.* 2017 May 1;24(5):788. doi: 10.1093/icvts/ivx094. PMID: 28453812.
- 52: D'Angelo G, Zweiker D, Fierro N, Marzi A, Paglino G, Gulletta S, Matta M, Melillo F, Bisceglia C, Limite LR, Cireddu M, Vergara P, Bosica F, Falasconi G, Pannone L, Brugliera L, Oloriz T, Sala S, Radinovic A, Baratto F, Malatino L, Peretto G, Nakajima K, Spartalis MD, Frontera A, Della Bella P, Mazzone P. Check the Need-Prevalence and Outcome after Transvenous Cardiac Implantable Electric Device Extraction without Reimplantation. *J Clin Med.* 2021 Sep 7;10(18):4043. doi: 10.3390/jcm10184043. PMID: 34575152; PMCID: PMC8467543.
- 53: Chatzidou S, Kontogiannis C, Georgiopoulos G, Kosmopoulos M, Pateras K, Spartalis M, Stamatielopoulou K, Rokas S. Wenckebach cycle length: A novel predictor for AV block in AVNRT patients treated with ablation. *Pacing Clin Electrophysiol.* 2021 Sep;44(9):1497-1503. doi: 10.1111/pace.14322. Epub 2021 Aug 28. PMID: 34287980.
- 54: Spartalis M, Tzatzaki E, Spartalis E, Moris D, Doulamis I, Triantafyllis AS, Livanis E, Theodorakis G. Cryoablation for atrial fibrillation and antiarrhythmic drug pretreatment: a single referral center experience. *Eur Rev Med Pharmacol Sci.* 2018 Apr;22(7):2088-2092. doi: 10.26355/eurrev_201804_14741. PMID: 29687867.
- 55: Spartalis M, Iliopoulos DC, Spartalis E, Athanasiou A, Paschou SA, Voudris V, Siasos G. The genesis of ventricular arrhythmias in heart failure patients is based on alterations in cardiac mechanical, morphological, metabolic, electrophysiological properties, and neurohumoral remodeling. *J Cardiol.* 2020 Sep;76(3):322-323. doi: 10.1016/j.jcc.2020.03.005. Epub 2020 Apr 22. PMID: 32334902.
- 56: Moris D, Spartalis M, Georgopoulos S. Letter by Moris et al Regarding Article, "One-Year Outcomes After Minor Stroke or High-Risk Transient Ischemic Attack: Korean Multicenter Stroke Registry Analysis". *Stroke.* 2018 Mar;49(3):e129. doi: 10.1161/STROKEAHA.117.019762. Epub 2018 Feb 8. PMID: 29438079.
- 57: Conte G, Scherr D, Lenarczyk R, Gandjbachkh E, Boulé S, Spartalis MD, Behr ER, Wilde A, Potpara T. Diagnosis, family screening, and treatment of inherited arrhythmogenic diseases in Europe: results of the European Heart Rhythm Association Survey. *Europace.* 2020 Dec 23;22(12):1904-1910. doi: 10.1093/europace/euaa223. PMID: 33367591.
- 58: Spartalis M, Tzatzaki E, Nikiteas NI, Spartalis E. Uninterrupted dabigatran is safer than warfarin in patients undergoing ablation for atrial fibrillation. *J Arrhythm.* 2017 Dec;33(6):655-656. doi: 10.1016/j.joa.2017.07.014. Epub 2017 Sep 20. PMID: 29255521; PMCID: PMC5728998.
- 59: Gorenek B, Wijnmaalen AP, Goette A, Mert GO, Porter B, Gustafsson F, Dan GA, Ector J, Stuehlinger M, Spartalis M, Gosau N, Amir O, Chioncel O. Ventricular Arrhythmias in Acute Heart Failure. A Clinical Consensus Statement of the Association for Acute Cardiovascular Care Association (ACVC), the European Heart Rhythm Association (EHRA) and the Heart Failure Association (HFA) of the ESC. *Europace.* 2024 Sep 13:euae235. doi: 10.1093/europace/euae235. Epub ahead of print. PMID: 39270731.
- 60: Saglietto A, Cavallone E, Spartalis M, Vandenberk B, Anselmino M. Editorial: Artificial intelligence in cardiac rhythmology. *Front Cardiovasc Med.* 2024 Aug 5;11:1466344. doi: 10.3389/fcvm.2024.1466344. PMID: 39161659; PMCID: PMC11330872.
- 61: GBD 2021 Forecasting Collaborators. Burden of disease scenarios for 204 countries and territories, 2022-2050: a forecasting analysis for the Global Burden of Disease Study 2021. *Lancet.* 2024 May 18;403(10440):2204-2256. doi: 10.1016/S0140-6736(24)00685-8. PMID: 38762325; PMCID: PMC11121021.
- 62: GBD 2021 Risk Factors Collaborators. Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet.* 2024 May 18;403(10440):2162-2203. doi: 10.1016/S0140-6736(24)00933-4. Erratum in: *Lancet.* 2024 Jul 20;404(10449):244. doi: 10.1016/S0140-6736(24)01458-2. PMID: 38762324; PMCID: PMC11120204.
- 63: GBD 2021 Diseases and Injuries Collaborators. Global incidence, prevalence, years lived with disability (YLDs), disability-adjusted life-years (DALYs), and healthy life expectancy (HALE) for 371 diseases and injuries in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of

- Disease Study 2021. *Lancet*. 2024 May 18;403(10440):2133-2161. doi: 10.1016/S0140-6736(24)00757-8. Epub 2024 Apr 17. PMID: 38642570; PMCID: PMC11122111.
- 64: GBD 2021 Causes of Death Collaborators. Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 May 18;403(10440):2100-2132. doi: 10.1016/S0140-6736(24)00367-2. Epub 2024 Apr 3. Erratum in: *Lancet*. 2024 May 18;403(10440):1988. doi: 10.1016/S0140-6736(24)00824-9. PMID: 38582094; PMCID: PMC11126520.
- 65: GBD 2021 Demographics Collaborators. Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950-2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 May 18;403(10440):1989-2056. doi: 10.1016/S0140-6736(24)00476-8. Epub 2024 Mar 11. PMID: 38484753; PMCID: PMC11126395.
- 66: Spartalis M, Erath JW, Mulder BA, Vandenberk B. Editorial: Rising stars in cardiac rhythmology: 2023. *Front Cardiovasc Med*. 2024 Jan 10;10:1351604. doi: 10.3389/fcvm.2023.1351604. PMID: 38268855; PMCID: PMC10806213.
- 67: Spartalis M, Kontogiannis C, Spartalis E, Iliopoulos DC, Siasos G. Anticoagulation in Patients with Atrial High-rate Episodes Detected by Cardiac Implantable Electronic Devices. *Curr Pharm Des*. 2024;30(7):485-488. doi: 10.2174/0113816128291822240131063712. PMID: 38343055.
- 68: Spartalis M, Spartalis E, Paschou SA, Iliopoulos DC, Siasos G. The Thyroid-cardiac Axis: Thyroid Function, Cardiac Rhythmology, and Sudden Cardiac Death. *Endocr Metab Immune Disord Drug Targets*. 2024;24(10):1127-1130. doi: 10.2174/0118715303243951231024112208. PMID: 37937566.
- 69: Spartalis M, Spartalis E, Iliopoulos D, Siasos G. Antiarrhythmic Potential of Epicardial Botulinum Toxin Injection for Suppression of Postoperative Atrial Fibrillation. *Curr Mol Pharmacol*. 2024;17(1):e200623218118. doi: 10.2174/1874467217666230620114931. PMID: 37672754.
- 70: Spartalis M, Zweiker D, Spartalis E, Iliopoulos DC, Siasos G. Long COVID-19 Syndrome and Sudden Cardiac Death: The Phantom Menace. *Curr Med Chem*. 2024;31(1):2-6. doi: 10.2174/0929867330666230515145041. PMID: 37190817.
- 71: Spartalis M, Spartalis E, Siasos G. Inherited arrhythmias and gene therapy: Are there any ethical considerations to take into account? *World J Cardiol*. 2023 Dec 26;15(12):623-626. doi: 10.4330/wjc.v15.i12.623. PMID: 38173906; PMCID: PMC10758602.
- 72: Mensah GA, Fuster V, Murray CJL, Roth GA; Global Burden of Cardiovascular Diseases and Risks Collaborators. Global Burden of Cardiovascular Diseases and Risks, 1990-2022. *J Am Coll Cardiol*. 2023 Dec 19;82(25):2350-2473. doi: 10.1016/j.jacc.2023.11.007. PMID: 38092509; PMCID: PMC7615984.
- 73: Akhtar Z, Gallagher MM, Kontogiannis C, Leung LWM, Spartalis M, Jouhra F, Sohail M, Shanmugam N. Progress in Cardiac Resynchronisation Therapy and Optimisation. *J Cardiovasc Dev Dis*. 2023 Oct 17;10(10):428. doi: 10.3390/jcdd10100428. PMID: 37887875; PMCID: PMC10607614.

Projects

1. Member of the Panhellenic Myocarditis Registry Research Group, Onassis Cardiac Surgery Center
2. Member of the Hellenic Cardiological Society Ablation Registry Research Group, Onassis Cardiac Surgery Center
3. Member of the investigation of the possible occurrence of stunning in patients with cardiomyopathy without coronary artery disease, Biomedical Research Foundation Academy of Athens
4. Logbook with evidence of completion at least 502 coronography and 208 angioplasty cases, Division of Interventional Cardiology, Onassis Cardiac Surgery Center
5. Logbook with evidence of completion at least 400 TTE studies, 80 TEE studies and 60 stress echo cases, Echocardiography Laboratory, Onassis Cardiac Surgery Center
6. Member of the investigation of atrial fibrillation pulmonary vein isolation cryoablation cases, Electrophysiology and Pacing Unit, Onassis Cardiac Surgery Center
7. Member of the investigation of the correlation of myocardial fibrosis in patients with dilated cardiomyopathy and left bundle branch block and patients with dilated cardiomyopathy and narrow QRS and the result of resynchronization, Electrophysiology and Pacing Unit, Onassis Cardiac Surgery Center
8. Member of the clinical trial 'World-wide Randomized Antibiotic Envelope Infection Prevention Trial (WRAP-IT)', Onassis Cardiac Surgery Center
9. Member of the randomized clinical trial 'Non-vitamin K antagonist oral anticoagulants in patients with atrial high rate episode (NOAH-AFNET 6)', Onassis Cardiac Surgery Center
10. Certification for adult transthoracic echocardiography examinations by the Ministry of Health and Public Welfare, 12/01/2017, Protocol Number . Γ.Π. Γ4β / 93983 16
11. Assessment to individuals with permanent pacemakers and Implantable Cardioverter Defibrillators in the ICD/Pacemaker Assessment and Follow-up Clinic, Onassis Cardiac Surgery Center
12. Responsible for interpretation of over 5000 Holter ECG recordings, Electrophysiology and Pacing Unit, Onassis Cardiac Surgery Center
13. Member of the clinical trial 'Fitbit ECG spot check algorithm clinical validation protocol and statistical analysis', Onassis Cardiac Surgery Center
14. Member of the atrial fibrillation cardioversion registry 'DAS CAM', Onassis Cardiac Surgery Center
15. Member of the investigation 'Evaluation of ESC guidelines adherence for cardiac resynchronization therapy', Onassis Cardiac Surgery Center

Grants

Athens 14 October 2001 – 27 July 2007:

Honorary Scholarship, Dodecanese Scholarship Foundation, Rhodes, Greece.

Barcelona 26 August 2017 – 30 August 2017:

ESC Congress Educational Grant.

Barcelona 18 March 2018 – 20 March 2018:

EHRA Congress Educational Grant.
Lisbon 17 March 2019 – 19 March 2019:
EHRA Congress Educational Grant.
Athens 20 September 2019 – 20 April 2022:
PhD Scholarship, Hellenic Foundation for Research and Innovation.
Vienna 29 March 2020 – 31 March 2020:
EHRA Congress Faculty Grant
EHRA Industry Sponsored Grant
Milan 1 January 2021 – 31 December 2021:
HCS Interventional EP Training Grant

Memberships

Memberships

- Athens Medical Association
- Hellenic Society of Cardiology (HCS)
- Hellenic Society of Cardiology Working Group on Pacing and Electrophysiology
- European Society of Cardiology (ESC)
- European Heart Rhythm Association (EHRA)
- ESC Council on Basic Cardiovascular Science
- Acute CardioVascular Care (ACVC)
- Professional member of the American Heart Association (AHA)
- Lifetime member of the ESC Working Group on Thrombosis
- Lifetime member of the ESC Working Group on Cardiac Cellular Electrophysiology
- Heart Rhythm Society (HRS)
- American College of Cardiology (ACC)
- Hellenic Atherosclerosis Society (HAS)
- Harvard Medical Alumni Association (HMAA)
- European Atherosclerosis Society (EAS)

1. CARDIOVASCULAR & HEMATOLOGICAL AGENTS IN MEDICINAL CHEMISTRY (Executive Guest Editor)
2. CURRENT MEDICINAL CHEMISTRY (Section Editor)
3. EUROPEAN HEART JOURNAL CASE REPORTS (Deputy Editor)
4. HARVARD PUBLIC HEALTH REVIEW (Associate Editor)
5. JOURNAL OF CLINICAL MEDICINE (Section Topics Editor)
6. BMC CARDIOVASCULAR DISORDERS (Editorial Board Member)
7. CARDIOLOGY AND THERAPY (Editorial Board Member)
8. CARDIOLOGY RESEARCH AND THERAPY (Academic Editor)
9. CARDIOVASCULAR INNOVATIONS AND APPLICATIONS (Associate Editor)
10. JACC:ADVANCES (Social Media Consultant)
11. CARDIOVASCULAR THERAPEUTICS (Academic Editor)

Other Relevant Information

TECHNICAL SKILLS, COMPETENCIES AND DEVICE-SPECIFIC EXPERTISE

More than 2000 implants of single and dual chamber defibrillators, pacemakers and cardiac resynchronisation devices

More than 1500 EP studies and ablations, more than half using non fluoroscopic 3D mapping systems

MANAGEMENT AND LEADERSHIP SKILLS

Mapping systems and "conventional" cardiac arrhythmias ablation
Cardiac Rhythm Management Device expert in implantation and follow-up
Team leading in rescue settings (Cardiopulmonary resuscitation)
Local Trainer for the ESC General Cardiology Training Programme

SCIENTIFIC AND RESEARCH EXPERIENCE

Co-Investigator on three large-scale randomized multicenter trials
Reviewer for 56 International Scientific Journals indexed in PubMed (257 Reviews)
Invited Speaker and Chairperson in many international and national cardiology meetings