

CURRICULUM VITAE

Giulio Conte, MD, PhD



PERSONAL INFORMATION

Date of birth August 15th, 1981
Place of birth Galatina, Italy
Citizenship status Italian
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ACADEMIC APPOINTMENTS

since 10.06.2021 **Adjunct Professor of Medicine**, Faculty of Biomedical Sciences, Università della Svizzera italiana, Lugano, Switzerland
since 01.09.2019 **Honorary Visiting Professor**, Faculty of Medicine and Pharmacy, Vrije Universiteit Brussel, Belgium
15.12.2018 **Privatdozent**, Università della Svizzera italiana, Lugano, Switzerland
24.03.2015 **Ph.D. degree in Medical Sciences**, Vrije Universiteit Brussel (VUB), Brussels, Belgium (title of thesis: "Clinical, Diagnostic and therapeutic aspects of Brugada syndrome in different age-related categories of patients: focus on children and the elderly" - advisor: Prof. Pedro Brugada; total impact factor of scientific publications related to the PhD degree: 101.8)

HOSPITAL APPOINTMENTS

since 09.2024	Head of Clinical Electrophysiology and Cardiac Pacing Unit , Cardiocentro Ticino, Lugano, Switzerland
since 01.2022	Senior Cardiologist / Medico Caposervizio , Division of Cardiology, Electrophysiology, Istituto Cardiocentro Ticino, Lugano, Switzerland (Director: Prof. Giovanni Pedrazzini)
Mar 2014 / Dec 2021	Registered Cardiologist / Medico Capoclinica , Division of Cardiology, Fondazione Cardiocentro Ticino, Lugano, Switzerland (Directors: Prof. Tiziano Moccetti / Prof. Giovanni Pedrazzini)
Aug 2013 / Feb 2014	Assistant Staff Physician , Heart Rhythm Management Centre, UZ-VUB, Vrije Universiteit Brussel, Belgium (Director: Prof. Pedro Brugada)
Aug 2011 / Jul 2012	Assistant Staff Physician , Cardiology Department, University Hospital of Parma, Italy (Director: Prof. Diego Ardissino)

EDUCATION & POST-GRADUATE TRAINING

Sept 2016	Clinical fellowship , Brigham and Women's Hospital, Harvard Medical School, Massachusetts, Boston, US (Director: Prof. William Stevenson)
2015	Clinical Electrophysiology EHRA Certified Electrophysiology Specialist (ECES) Advanced level
2013-2014	Post-graduate training in Cardiac Electrophysiology and Pacing , Heart Rhythm Management Centre, UZ-VUB, Brussels, Belgium (mentor: Prof. Pedro Brugada)
2012-2013	European Heart Rhythm Association Advanced Program Training Fellowship for Clinical Electrophysiology with emphasis on Catheter Ablation , Heart Rhythm Management Centre, UZ-VUB, Brussels, Belgium
2011-2013	University Master in Clinical Cardiac Electrophysiology , Universidad CEU San Pablo, Madrid, Spain (director: Prof. Jesus Almendràl)
2007-2011	Post-graduate training in Cardiology , Università degli Studi di Parma, Italy (mark: 50/50 magna cum laude)
2007-2008	Clinical fellowship , Arrhythmias Unit, Hospital Clinic, Barcelona, Spain (Director: Prof. Josep Brugada)
2000-2006	Medical studies (MD degree: 23.10.2006; mark: 110/110 magna cum laude), Università degli Studi di Parma, Italy

INSTITUTIONAL & SCIENTIFIC RESPONSIBILITIES

since 2023	ICCT representative of EHRA Recognised Training Center for Electrophysiology and Cardiac Pacing (ERCT)
since 2021	Local Principal Investigator SWISS-AF Control Study
since 2018	Coordinator of Inherited Arrhythmias and Genetic Cardiomyopathies , Istituto Cardiocentro Ticino, Lugano, Switzerland
2018-2022	Project leader of Swiss National Science Foundation (SNF) Ambizione program (PZ00P3_180055)
since 2014	Clinical Scientist , Centre for Computational Medicine in Cardiology, Università della Svizzera italiana, Lugano, Switzerland
since 2014	Project coordinator Advanced ECG Reading Core lab , Swiss AF registry

PERSONAL RESEARCH GRANTS

EOC Grant for Senior Researchers 2025 – 30'000 CHF

“A novel approach to assess atrial electrical abnormalities in patients with Brugada syndrome: from the ECG to the creation of a patient-specific cardiac model” – Ambizione Program, **Swiss National Science Foundation (SNF)** – 997'168 CHF (2018)

FUNDED RESEARCH PROJECTS

“Multimodal clinical data AI-based integration for clinical research eligibility surveillance – iCares”, **Swiss National Science Foundation (SNF)** – 188'000 CHF (2025)

“Epidemiological and genetic characterisation of atrio-ventricular node disease in the young: a 10-year statewide study”, **Swiss Heart Foundation** – 48'000 CHF (2021)

Cardio-MIPA: Inherited Arrhythmogenic Diseases Monitoring, Identification, Prediction and Alert – Eurostars 2 Programme, **a joint programme between EUREKA and the European Commission** – 1'490'780 EUR (2021)

Investigator-initiated Study entitled *“Enhancing pathophysiological understanding of atrial arrhythmias in patients with Brugada syndrome with a focus on sex-related differences”*, **Boston Scientific Inc.** – 139'734 EUR (2019)

Investigator-initiated Study entitled “*Validation of a new S-ICD algorithm to reduce oversensing of dynamic T-waves in patients with Brugada syndrome*”, **Boston Scientific Inc.** – 117'650 EUR (2017)

“*Incidence and prognosis of Idiopathic Ventricular Fibrillation in Canton Ticino*”, **Swiss Heart Foundation** – 60'000 EUR (2015)

PERSONAL AWARDS & FELLOWSHIPS

Nov 2020	2020 Swiss Rhythm Research Prize
Aug 2015	“ 2015 ESC Best Poster ” – Conte G. et al. “ <i>Very long-term follow-up of patients with out-of- hospital cardiac arrest due to idiopathic ventricular fibrillation: a single-centre experience</i> ”, ESC Congress 2015, London, UK
Jun 2014	“ EHRA 2014 Award for the Best Scientific Publication ” – Conte G. et al. “ <i>Implantable Cardioverter Defibrillator Therapy in Brugada Syndrome: a 20-Year Single-Centre Experience</i> ”. J Am Coll Cardiol. 2015;65(9):879-88. Cardiostim Congress 2014, Nice, France
Jun 2014	“ EHRA Young EP - Best research session ” – Conte G. et al. “ <i>Life-threatening ventricular arrhythmias during ajmaline challenge in patients with Brugada syndrome: incidence, clinical features, and prognosis</i> ”. Cardiostim Congress 2014, Nice, France
Aug 2012	“ European Heart Rhythm Association Advanced Program Training Fellowship for Clinical Electrophysiology with emphasis on Catheter Ablation ” – UZ-VUB, Free University of Brussels, Belgium (Director: Prof. Pedro Brugada)
Oct 2010	“ The Best Scientific Contributions ” – Conte G. et al. “ <i>Incidence and clinical outcomes of stent thrombosis six years after sirolimus-eluting stent implantation in an unselected real-world population</i> ”. XXXI Congresso della Società Italiana di Cardiologia Invasiva, Genova, Italy
Feb 2008	“ Leonardo Post-graduate European Program for a Clinical Fellowship in Arrhythmias ” – Hospital Clinic of Barcelona, Spain (Director: Prof. Josèp Brugada)
Sept 2004	“ Erasmus European Exchange Educational Program ” – Faculty of Medicine, Universidad Autonoma de Madrid, Spain

ACADEMIC ACTIVITIES

PhD defense Committee member

22.11.2023	Dr. Vu Uyen Chau Nguyen, PhD in Medical Sciences: “Multi-modality imaging in Cardiac Resynchronization Therapy in silico and in vivo analyses”, Double Doctoral Degree Maastricht University – Università della Svizzera italiana, Maastricht, The Netherlands
08.04.2022	Dr. Enrico Baldi, PhD in Translational Medicine: “Out of hospital cardiac arrest: strategies for the identification of subjects at risk and for improving management”, Università di Pavia, Italia
10.03.2021	Dr. Jaime Hernandez Ojeda: “Clinical, electrocardiographic and electrophysiological characterization in Brugada Syndrome”, Universitat de Barcelona, Spain

Associate Professor Nomination Committee Member

17.01.2025	Dr. Philippe Meyer, University of Geneva, Switzerland
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TEACHING & EDUCATIONAL ACTIVITIES

since 2021	Adjunct Professor at Faculty of Biomedical Sciences, Università della Svizzera italiana, Lugano, Switzerland
since 2021	Visiting Professor, Post-graduate Program in Cardiac Electrophysiology and Pacing (Vrije Universiteit Brussel/ Universitair Ziekenhuis Brussel, Belgium)
2016-2023	Full-immersion course in cardiology (Fondazione Cardiocentro Ticino & Klinik für Kardiologie, Angiologie und Pneumologie der Medizinische Fakultät – Otto-von-Guericke Universität Magdeburg)
2018-2019	Teaching activities for the “Afib Train-net” consortium 2018 – “European Union’s Horizon 2020 research and innovation programme”
since 2015	Teaching activities to in-training medical doctors at Istituto Cardiocentro Ticino, Lugano, Switzerland

INDIVIDUAL ACTIVITIES IN SCIENTIFIC SOCIETIES

since 2024	Co-Chair of European Heart Rhythm Association (EHRA) Cardiogenetic Committee
2022-2024	Member of European Heart Rhythm Association (EHRA) Scientific Initiatives Committee

2020-2022	Co-Chair of European Heart Rhythm Association (EHRA) Scientific Initiatives Committee
2020-2024	Committee member of European Cardiac Arrhythmia Genetics' Focus Group (ECGen) of European Heart Rhythm Association (EHRA)
since 2020	Member of European Exam in Core Cardiology (EECC) Group 2020-2022
since 2019	Member of the Swiss EEGC Team (Question writers for the ESC European Exam in General Cardiology 2020)
since 2017	Working group member of Herzschríttmacher und Elektrophysiologie der SGK (Swiss Society of Cardiology)
2018-2020	European Heart Rhythm Association (EHRA) Scientific Initiatives Committee member
2017-2018	European Heart Rhythm Association (EHRA) Young EP Committee member 2017-2018
since 2015	Invited faculty of the Scientific Committee of the European Heart Rhythm Association (EHRA) Congress

INDIVIDUAL SCIENTIFIC REVIEWING ACTIVITIES

Deputy Editor of EP Europace Journal (IF 2023: 7,9)

Editorial Board member of Arrhythmias Academy

Invited Reviewer: Journal of American College of Cardiology, Circulation: Arrhythmia and Electrophysiology, Pacing and Clinical Electrophysiology (PACE), International Journal of Cardiology, Journal of Cardiovascular Medicine, Journal of Atrial Fibrillation; European Heart Journal: Case Reports

Circulation: Arrhythmia and Electrophysiology Fellowship (2018)

1. **Conte G**, Aldrovandi A, Reverberi C, Cademartiri F, Ardissino D. Mediastinal cystic lymphangioma. *J Am Coll Cardiol*. 2011;57(16):e207. [IF 2011: 14,156]
2. Notarangelo MF, Marziliano N, Giacalone R, Demola MA, **Conte G**, Mantovani F, Ardissino D. Stent thrombosis and clopidogrel response variability: is the genetic test useful in clinical practice? *G Ital Cardiol (Rome)*. 2011;12(10):686-9.
3. **Conte G**, Mantovani F, Demola MA, Aldrovandi A, Ardissino D. Large atrial myxoma: an unexpected clinical presentation. *G Ital Cardiol (Rome)*. 2011;12(12):854-5.
4. Menozzi A, Lina D, **Conte G**, Mantovani F, Ardissino D. Antiplatelet therapy in acute coronary syndromes. *Expert Opin Pharmacother*. 2012;13(1):27-42. [IF 2012: 2,860]
5. **Conte G**, Demola M, Notarangelo MF, Ardissino D. Non-ST-segment elevation acute coronary syndrome presenting with ST-segment elevation in aVR and dual antiplatelet therapy. *J Electrocardiol*. 2012;45(3):283-4. [IF 2012: 1,093]
6. **Conte G**, Coppini L, Demola MA, Zardini M, Ardissino D. Cardiac resynchronization therapy in a patient with congenitally corrected transposition of the great arteries and 2:1 atrioventricular block. *G Ital Cardiol (Rome)*. 2012;13(12):843-5.
7. **Conte G**, Levinstein M, Sarkozy A, Brugada P. Brugada syndrome in the elderly. *Eur Heart J*. 2013;34(4):319. [IF 2013: 14,723].
8. **Conte G**, Levinstein M, Sarkozy A, Brugada P. Expect the unexpected: lack of prolongation of HV interval following ajmaline administration in a patient with Brugada syndrome. *Eur Heart J*. 2013. [IF 2013: 14,723]
9. **Conte G**, Coppini L, Demola MA, Ardissino D. A case of electrical storm in a patient with short-coupled variant of torsade de pointes. *G Ital Cardiol (Rome)*; 2013;14(1):76-8.
10. Casado-Arroyo R, Chierchia GB, Rodriguez-Mañero M, Levinstein M, Namdar M, **Conte G**, Sieira J, Sarkozy A, de Asmundis C, Wauters K, Brugada P. Atrial fibrillation outcomes: changing the paradigm. *Int J Cardiol*. 2013;166(2):545-7. [IF 2013: 6,175]
11. **Conte G**, Chierchia GB, Casado-Arroyo R, Ilse B, Brugada P. Pulmonary vein intramural hematoma as a complication of cryoballoon ablation of paroxysmal atrial fibrillation. *J Cardiovasc Electrophysiol*. 2013;24(7):830-1. [IF 2013: 2,881]
12. **Conte G**, Chierchia GB, Levinstein M, Brugada P. Ice vs. fire: cryoballoon ablation for the prevention of inappropriate implantable cardioverter-defibrillator shocks in a 14-year-old girl with Brugada syndrome. *Europace*. 2013;15(12):1804. [IF 2013: 3,050]
13. **Conte G**, Chierchia GB, Sieira J, Levinstein M, Casado-Arroyo R, De Asmundis C, Sarkozy A, Rodriguez-Manero M, Di Giovanni G,

Baltogiannis G, Wauters K, Brugada P. Repeat procedure using radiofrequency energy for recurrence of atrial fibrillation after initial cryoballoon ablation: a 2-year follow-up. *Europace*. 2013;15(10):1421-5. [IF 2013: 3,050]

14. Casado-Arroyo R, Chierchia GB, **Conte G**, Levinstein M, Sieira J, Rodriguez-Mañero M, di Giovanni G, Baltogiannis Y, Wauters K, de Asmundis C, Sarkozy A, Brugada P. Phrenic nerve paralysis during cryoballoon ablation for atrial fibrillation: a comparison between the first- and second-generation balloon. *Heart Rhythm*. 2013;10(9):1318-24. [IF 2013: 4,918]
15. Chierchia GB, Casado-Arroyo R, de Asmundis C, Rodriguez-Manero M, Sarkozy A, **Conte G**, Sieira J, Levinstein M, Baltogiannis G, di Giovanni G, Overeinder I, Ocello S, Rosas E, Isola F, Brugada P. Impact of transseptal puncture site on acute and mid-term outcomes during cryoballoon ablation: a comparison between anterior, medial and posterior transatrial access. *Int J Cardiol*. 2013;168(4):4098-102. [IF 2013: 6,175]
16. Flamée P, De Asmundis C, Bhutia JT, **Conte G**, Beckers S, Umbrain V, Verborgh C, Chierchia GB, Van Malderen S, Casado-Arroyo R, Sarkozy A, Brugada P, Poelaert J. Safe single-dose administration of propofol in patients with established Brugada syndrome: a retrospective database analysis. *Pacing Clin Electrophysiol*. 2013;36(12):1516-21. [IF 2013: 1,250]
17. **Conte G**, Sieira J, Sarkozy A, de Asmundis C, Di Giovanni G, Chierchia GB, Ciconte G, Levinstein M, Casado-Arroyo R, Baltogiannis G, Saenen J, Saitoh Y, Pappaert G, Brugada P. Life-threatening ventricular arrhythmias during ajmaline challenge in patients with Brugada syndrome: incidence, clinical features, and prognosis. *Heart Rhythm*. 2013;10(12):1869-74. [IF 2013: 4,918]
18. Rodríguez-Mañero M, Casado-Arroyo R, Sarkozy A, Leysen E, Sieira JA, Namdar M, **Conte G**, Levinstein M, Chierchia GB, de Asmundis C, Brugada P. The clinical significance of pregnancy in Brugada syndrome. *Rev Esp Cardiol*. 2014;67(3):176-80. [IF 2014: 3,792]
19. **Conte G**, Chierchia GB, Wauters K, De Asmundis C, Sarkozy A, Levinstein M, Sieira J, Baltogiannis G, Di Giovanni G, Ciconte G, Casado-Arroyo R, Saitoh Y, Brugada P. Pulmonary vein isolation in patients with Brugada syndrome and atrial fibrillation: a 2-year follow-up. *Europace*. 2014;16(4):528-32. [IF 2014: 3,670]
20. Sieira J, Chierchia GB, Di Giovanni G, **Conte G**, De Asmundis C, Sarkozy A, Droogmans S, Baltogiannis G, Saitoh Y, Ciconte G, Levinstein M, Brugada P. One year incidence of iatrogenic atrial septal defect after cryoballoon ablation for atrial fibrillation. *J Cardiovasc Electrophysiol*. 2014;25(1):11-5. [IF 2014: 2,958]
21. Marchesi C, Ossola P, Scagnelli F, Paglia F, Aprile S, Monici A, Tonna M, **Conte G**, Masini F, De Panfilis C, Ardissino D. Type D per-

sonality in never-depressed patients and the development of major and minor depression after acute coronary syndrome. *J Affect Disord.* 2014;155:194-9. [IF 2014: 3,383]

22. Chierchia GB, Di Giovanni G, Sieira-Moret J, de Asmundis C, **Conte G**, Rodriguez-Mañero M, Casado-Arroyo R, Baltogiannis G, Paparella G, Cicone G, Sarkozy A, Brugada P. Initial experience of three-minute freeze cycles using the second-generation cryoballoon ablation: acute and short-term procedural outcomes. *J Interv Card Electrophysiol.* 2014;39(2):145-51. [IF 2014: 1,575]
23. **Conte G**, De Asmundis C, Sieira J, Levinstein M, Chierchia GB, Di Giovanni G, Baltogiannis G, Cicone G, Saitoh Y, Casado-Arroyo R, Pappaert G, Brugada P. Clinical characteristics, management, and prognosis of elderly patients with Brugada syndrome. *J Cardiovasc Electrophysiol.* 2014;25(5):514-9. [IF 2014: 2,958]
24. Chierchia GB, Di Giovanni G, Cicone G, de Asmundis C, **Conte G**, Sieira-Moret J, Rodriguez-Mañero M, Casado R, Baltogiannis G, Namdar M, Saitoh Y, Paparella G, Mugnai G, Brugada P. Second-generation cryoballoon ablation for paroxysmal atrial fibrillation: 1-year follow-up. *Europace.* 2014;16(5):639-44. [IF 2014: 3,670]
25. **Conte G**, Levinstein M, Sarkozy A, Sieira J, de Asmundis C, Chierchia GB, Di Giovanni G, Baltogiannis G, Cicone G, Wauters K, Pappaert G, Brugada P. The clinical impact of ajmaline challenge in elderly patients with suspected atrioventricular conduction disease. *Int J Cardiol.* 2014;172(2):423-7. [IF 2014: 4,036]
26. **Conte G**, Chierchia GB, Brugada P. A useful trick for difficult trans-septal access during cryoballoon ablation for atrial fibrillation. *J Invasive Cardiol.* 2014;26(2):E17. [IF 2014: 0,949]
27. de Asmundis C, **Conte G**, Sieira J, Chierchia GB, Rodriguez-Manero M, Di Giovanni G, Cicone G, Levinstein M, Baltogiannis G, Saitoh Y, Casado-Arroyo R, Brugada P. Comparison of the patient-activated event recording system vs. traditional 24 h Holter electrocardiography in individuals with paroxysmal palpitations or dizziness. *Europace.* 2014;16(8):1231-5. [IF 2014: 3,670]
28. Mugnai G, Chierchia GB, de Asmundis C, Sieira-Moret J, **Conte G**, Capulzini L, Wauters K, Rodriguez-Mañero M, Di Giovanni G, Baltogiannis G, Cicone G, Saitoh Y, Juliá J, Brugada P. Comparison of pulmonary vein isolation using cryoballoon versus conventional radiofrequency for paroxysmal atrial fibrillation. *Am J Cardiol.* 2014;113(9):1509-13. [IF 2014: 3,276]
29. De Asmundis C, **Conte G**, Levinstein M, Chierchia GB, Sieira J, Di Giovanni G, Baltogiannis G, Park MH, Sarkozy A, Brugada P. Prevalence and electrocardiographic characteristics of early repolarization pattern in young teen athletes. *Acta Cardiol.* 2014;69(1):3-6. [IF 2014: 0,331]
30. Di Giovanni G, Wauters K, Chierchia GB, Sieira J, Levinstein M, **Conte G**, de Asmundis C, Baltogiannis G, Saitoh Y, Cicone G, Julia J, Mugnai

- G, Irfan G, Brugada P. One-year follow-up after single procedure Cryo balloon ablation: a comparison between the first and second generation balloon. *J Cardiovasc Electrophysiol*. 2014;25(8):834-9. [IF 2014: 2,958]
31. Ciconte G, Chierchia GB, DE Asmundis C, Sieira J, **Conte G**, Julià J, Di Giovanni G, Wauters K, Baltogiannis G, Saitoh Y, Mugnai G, Catanzariti D, Tondo C, Brugada P. Spontaneous and adenosine-induced pulmonary vein reconnection after cryoballoon ablation with the second-generation device. *J Cardiovasc Electrophysiol*. 2014;25(8):845-51. [IF 2014: 2,958]
 32. **Conte G**, Dewals W, Sieira J, de Asmundis C, Ciconte G, Chierchia GB, Di Giovanni G, Baltogiannis G, Saitoh Y, Levinstein M, La Meir M, Wellens F, Pappaert G, Brugada P. Drug-induced brugada syndrome in children: clinical features, device-based management, and long-term follow-up. *J Am Coll Cardiol*. 2014;63(21):2272-9. [IF 2014: 16,503]
 33. Marchesi C, Ossola P, Scagnelli F, Paglia F, Aprile S, Monici A, Tonna M, **Conte G**, Masini F, De Panfilis C, Ardissino D. Type D personality in never depressed patients at their first acute coronary syndrome. *Psychother Psychosom*. 2014;83(3):190-1. [IF 2014: 9,196]
 34. **Conte G**, de Asmundis C, Baltogiannis G, Di Giovanni G, Ciconte G, Sieira J, Saitoh Y, Wauters K, Mugnai G, Julià J, Irfan G, Levinstein M, Cotino-Moreno HE, Chierchia GB, Brugada P. Periprocedural outcomes of prophylactic protamine administration for reversal of heparin after cryoballoon ablation of atrial fibrillation. *J Interv Card Electrophysiol*. 2014;41(2):129-34. [IF 2014: 1,575]
 35. **Conte G**, Brugada P. The challenges of performing ajmaline challenge in children with suspected Brugada syndrome. *Open Heart*. 2014;1(1):e000031.
 36. **Conte G**, de Asmundis C, Ciconte G, Julià J, Sieira J, Chierchia GB, Brugada P. Follow-up from childhood to adulthood of individuals with family history of Brugada syndrome and normal electrocardiograms. *JAMA*. 2014;312(19):2039-41. [IF 2014: 35,289]
 37. Ciconte G, Ottaviano L, de Asmundis C, Baltogiannis G, **Conte G**, Sieira J, Di Giovanni G, Saitoh Y, Irfan G, Mugnai G, Storti C, Montenero AS, Chierchia GB, Brugada P. Pulmonary vein isolation as index procedure for persistent atrial fibrillation: One-year clinical outcome after ablation using the second-generation cryoballoon. *Heart Rhythm*. 2015;12(1):60-6. [IF 2015: 4,391]
 38. Regoli F, Caputo M, **Conte G**, Faletra FF, Moccetti T, Pasotti E, Cassina T, Casso G, Schlotterbeck H, Engeler A, Auricchio A. Clinical utility of routine use of continuous transesophageal echocardiography monitoring during transvenous lead extraction procedure. *Heart Rhythm*. 2015;12(2):313-20. [IF 2015: 4,391]
 39. Ciconte G, de Asmundis C, Sieira J, **Conte G**, Di Giovanni G, Mugnai G, Saitoh Y, Baltogiannis G, Irfan G, Cotino-Moreno H, Hunuk B, Velagi? V,

Brugada P, Chierchia GB. Single Three-Minutes Freeze for Second-Generation Cryoballoon Ablation: One-Year Follow-Up Following Pulmonary Vein Isolation. *Heart Rhythm* 2015;12(4):673-80. [IF 2015: 4,391]

40. Ciconte G, Baltogiannis G, de Asmundis C, Sieira J, **Conte G**, Di Giovanni G, Saitoh Y, Irfan G, Mugnai G, Hunuk B, Chierchia GB, Brugada P. Circumferential pulmonary vein isolation as index procedure for persistent atrial fibrillation: a comparison between radiofrequency catheter ablation and second-generation cryoballoon ablation. *Europace*. 2015;17(4):559-65. [IF 2015: 4,021]
41. Juliá J, Chierchia GB, de Asmundis C, Mugnai G, Sieira J, Ciconte G, Di Giovanni G, **Conte G**, Baltogiannis G, Saitoh Y, Wauters K, Irfan G, Brugada P. Regular atrial tachycardias following pulmonary vein isolation for paroxysmal atrial fibrillation: a retrospective comparison between the cryoballoon and conventional focal tip radiofrequency techniques. *J Interv Card Electrophysiol*. 2015;42(2):161-9. [IF 2015: 1,676]
42. **Conte G**, Sieira J, Ciconte G, de Asmundis C, Chierchia GB, Baltogiannis G, Di Giovanni G, La Meir M, Wellens F, Czapla J, Wauters K, Levinstein M, Saitoh Y, Irfan G, Juliá J, Pappaert G, Brugada P. Implantable Cardioverter-Defibrillator Therapy in Brugada Syndrome: a 20-Year Single-Centre Experience. *J Am Coll Cardiol*. 2015;65(9):879-88. [IF 2015: 17,795]
43. Saitoh Y, Irfan G, Ciconte G, Mugnai G, Sieira J, Di Giovanni G, Baltogiannis G, **Conte G**, Hünük B, Ströker E, Velagi V, Overeinder I, De Asmundis C, Chierchia GB, Brugada P. Persistence of Phrenic Nerve Palsy Following 28-mm Cryoballoon Ablation: A Four-Year Single Center Experience. *Pacing Clin Electrophysiol*. 2015;38(7):807-14. [IF 2015: 1,440]
44. Sieira J, **Conte G**, Ciconte G, de Asmundis C, Chierchia GB, Baltogiannis G, Di Giovanni G, Saitoh Y, Irfan G, Casado-Arroyo R, Juliá J, La Meir M, Wellens F, Wauters K, Van Malderen S, Pappaert G, Brugada P. Prognostic Value of Programmed Electrical Stimulation in Brugada Syndrome: 20 Years Experience. *Circ Arrhythm Electrophysiol*. 2015;8(4):777-84. [IF 2015: 4,428]
45. Nguyễn UC, Potse M, Regoli F, Caputo ML, **Conte G**, Murzilli R, Muzzarelli S, Moccetti T, Caiani EG, Prinzen FW, Krause R, Auricchio A. An in-silico analysis of the effect of heart position and orientation on the ECG morphology and vectorcardiogram parameters in patients with heart failure and intraventricular conduction defects. *J Electrocardiol*. 2015;48(4):617-25. [IF 2015: 1,290]
46. Ossola P, Paglia F, Pelosi A, De Panfilis C, **Conte G**, Tonna M, Ardisino D, Marchesi C. Risk factors for incident depression in patients at first acute coronary syndrome. *Psychiatry Res*. 2015;228(3):448-53. [IF 2015: 2,466]
47. **Conte G**, Sieira J, Ciconte G, de Asmundis C, Chierchia GB, Baltogiannis G, Di Giovanni G, La Meir M, Wellens F, Czapla J, Wauters

- K, Levinstein M, Saitoh Y, Irfan G, Julià J, Pappaert G, Brugada P. Reply: Early Repolarization: A Risk Factor in Brugada Syndrome. *J Am Coll Cardiol*. 2015;66(2):206-7. [IF 2015: 17,759]
48. Sieira J, Ciconte G, **Conte G**, Chierchia GB, de Asmundis C, Baltogiannis G, Di Giovanni G, Saitoh Y, Irfan G, Casado Arroyo R, Julià J, La Meir M, Wellens F, Wauters K, Pappaert G, Brugada P. Asymptomatic Brugada Syndrome: Clinical Characterization and Long Term Prognosis. *Circ Arrhythm Electrophysiol*. 2015;8(5):1144-50. [IF 2015: 4,428]
 49. Ciconte G, Mugnai G, Sieira J, Velagic V, Saitoh Y, Irfan G, Hunuk B, Ströker E, **Conte G**, Di Giovanni G, Baltogiannis G, Wauters K, Brugada P, de Asmundis C, Chierchia GB. On the Quest for the Best Freeze: Predictors of Late Pulmonary Vein Reconnections After Second-Generation Cryoballoon Ablation. *Circ Arrhythm Electrophysiol*. 2015;8(6):1359-65. [IF 2015: 4,428]
 50. Mugnai G, Chierchia GB, de Asmundis C, Julià J, **Conte G**, Sieira-Moret J, Capulzini L, Wauters K, Rodriguez-Mañero M, Ciconte G, Baltogiannis G, Di Giovanni G, Saitoh Y, Brugada P. P-wave indices as predictors of atrial fibrillation recurrence after pulmonary vein isolation in normal left atrial size. *J Cardiovasc Med (Hagerstown)*. 2016;17(3):194-200. [IF 2016: 1,613]
 51. Ciconte G, Velagic V, Mugnai G, Saitoh Y, Irfan G, Hunuk B, Ströker E, **Conte G**, Sieira J, Di Giovanni G, Baltogiannis G, Brugada P, de Asmundis C, Chierchia GB. Electrophysiological findings following pulmonary vein isolation using radiofrequency catheter guided by contact-force and second-generation cryoballoon: lessons from repeat ablation procedures. *Europace*. 2016;18(1):71-7 [IF 2016: 4,530]
 52. **Conte G**, Regoli F, Moccetti T, Auricchio A. Subcutaneous implantable cardioverter-defibrillator and drug-induced Brugada syndrome: the importance of repeat morphology analysis during ajmaline challenge. *Eur Heart J*. 2016;37(19):1498. [IF 2016: 19,651]
 53. Sieira J, **Conte G**, Ciconte G, de Asmundis C, Chierchia GB, Baltogiannis G, Di Giovanni G, Saitoh Y, Irfan G, Casado-Arroyo R, Julià J, La Meir M, Wellens F, Wauters K, Pappaert G, Brugada P. Clinical characterisation and long-term prognosis of women with Brugada syndrome. *Heart*. 2016;102(6):452-8. [IF 2016: 6,059]
 54. **Conte G**, Caputo ML, Regoli F, Marcon S, Klersy C, Adjibodou B, Del Bufalo A, Moccetti T, Auricchio A. True idiopathic ventricular fibrillation in out-of-hospital cardiac arrest survivors in the Swiss Canton Ticino: prevalence, clinical features, and long-term follow-up. *Europace*. 2016;5(2):84-9. [IF 2016: 4,530]
 55. Ciconte G, Sieira-Moret J, Hacıoglu E, Mugnai G, Di Giovanni G, Velagic V, Saitoh Y, **Conte G**, Irfan G, Baltogiannis G, Hunuk B, Ströker E, Brugada P, de Asmundis C, Chierchia GB. Single 3-minute versus Double 4-minute Freeze Strategy for Second-Generation Cryoballoon Ablation: A Single-Center Experience. *J Cardiovasc Electrophysiol*. 2016;27(7):796-803. [IF 2016: 3,068]

56. Regoli F, Bongiorno MG, Rordorf R, Santamaria M, Klersy C, Segreti L, De Regibus V, Moccetti T, **Conte G**, Caputo ML, Auricchio A. High recurrence of device-related adverse events following transvenous lead extraction procedure in patients with cardiac resynchronization devices. *Eur J Heart Fail*. 2016;18(10):1270-1277. [IF 2016: 6,868]
57. Casado-Arroyo R, Berne P, Rao JY, Rodriguez-Mañero M, Levinstein M, **Conte G**, Sieira J, Namdar M, Ricciardi D, Chierchia GB, de Asmundis C, Pappaert G, La Meir M, Wellens F, Brugada J, Brugada P. Long-Term Trends in Newly Diagnosed Brugada Syndrome: Implications for Risk Stratification. *J Am Coll Cardiol*. 2016;68(6):614-23. [IF 2016: 19,896]
58. Olde Nordkamp LR, **Conte G**, Rosenmöller BR, Warnars JL, Tan HL, Caputo ML, Regoli F, Moccetti T, Auricchio A, Knops RE, Wilde AA. Brugada Syndrome and the Subcutaneous Implantable Cardioverter-Defibrillator. *J Am Coll Cardiol*. 2016;68(6):665-6. [IF 2016: 19,896]
59. **Conte G**, de Asmundis C, Sieira J, Ciconte G, Di Giovanni G, Chierchia GB, Casado-Arroyo R, Baltogiannis G, Ströker E, Irfan G, Pappaert G, Auricchio A, Brugada P. Prevalence and clinical impact of early repolarization pattern and QRS-fragmentation in high-risk patients with Brugada syndrome. *Circ J* 2016;80(10):2109-16. [IF 2016: 3,544]
60. **Conte G**, Caputo ML, Regoli F, Moccetti T, Brugada P, Auricchio A. Brugada Syndrome and Early Repolarisation: Distinct Clinical Entities or Different Phenotypes of the Same Genetic Disease? *Arrhythm Electrophysiol Rev*. 2016;5(2):84-9.
61. Savastano S, Vanni V, Burkart R, Raimondi M, Canevari F, Molinari S, Baldi E, Danza AI, Caputo ML, Mauri R, Regoli F, **Conte G**, Benvenuti C, Auricchio A. Comparative performance assessment of commercially available automatic external defibrillators: A simulation and real-life measurement study of hands-off time. *Resuscitation*. 2016;110:12-17. [IF 2016: 5,230]
62. Saha M, **Conte G**, Caputo ML, Regoli F, Krause R, Auricchio A, Jacquemet V. Changes in P-wave morphology after pulmonary vein isolation: insights from computer simulations. *Europace*. 2016;18(suppl 4):iv23-iv34. [IF 2016: 4,530]
63. Baltogiannis G, Chierchia GB, **Conte G**, Sieira J, Di Giovanni G, Ciconte G, de Asmundis C, Saitoh Y, Wauters K, Irfan G, Brugada P. The role of novel oral anticoagulants in patients undergoing cryoballoon ablation for atrial fibrillation. *Hellenic J Cardiol*. 2016;57(5):331-7. [IF 2016: 1,343]
64. de Asmundis C, Chierchia GB, Mugnai G, Van Loo I, Nijs J, Czaplaj J, **Conte G**, Velagic V, Rodrigues Mañero M, Ciconte G, Ströker E, Umbrain V, Poelaert J, Brugada P, La Meir M. Midterm clinical outcomes of concomitant thoracoscopic epicardial and transcatheter endocardial ablation for persistent and long-standing persistent atrial fibrillation: a single-centre experience. *Europace*. 2017;19(1):58-65. [IF 2016: 14,530]

65. Irfan G, Jens C, Saitoh Y, Ciconte G, Mugnai G, **Conte G**, Hunuk B, Velagic V, Stroker E, Chierchia GB, Nijs J, La Meir M, Wellens F, Brugada P, De Asmundis C. Implantable cardioverter defibrillator therapy in young individuals: comparison of conventional and sub-costal approaches-a single-centre experience. *Europace*. 2017; 19(1): 81-7. [IF 2017: 4,530]
66. **Conte G**, Luca A, Yazdani S, Caputo ML, Regoli F, Moccetti T, Kappenberger L, Vesin JM, Auricchio A. Usefulness of P-Wave Duration and Morphologic Variability to Identify Patients Prone to Paroxysmal Atrial Fibrillation. *Am J Cardiol*. 2017;119(2):275-279. [IF 2017: 3,171]
67. Caputo ML, Regoli F, **Conte G**, Adjibodou B, Svab S, Del Bufalo A, Moccetti T, Curti M, Klersy C, Auricchio A. Temporal trends and long term follow-up of implantable cardioverter defibrillator therapy for secondary prevention: A 15-year single-centre experience. *Int J Cardiol*. 2017;228:31-36. [IF 2017: 4,034]
68. Regoli F, Faletra F, Marcon S, Leo LA, Dequarti MC, Caputo ML, **Conte G**, Moccetti T, Auricchio A. Anatomic characterization of cavotricuspid isthmus by 3D transesophageal echocardiography in patients undergoing radiofrequency ablation of typical atrial flutter. *Eur Heart J Cardiovasc Imaging*. 2017. doi: 10.1093/ehjci/ jew336. [IF 2017: 8,336]
69. Caputo ML, Muschietti S, Burkart R, Benvenuti C, **Conte G**, Regoli F, Mauri R, Klersy C, Moccetti T, Auricchio A. Lay persons alerted by mobile application system initiate earlier cardio-pulmonary resuscitation: A comparison with SMS-based system notification. *Resuscitation*. 2017;114:73-78. [IF 2017: 5,863]
70. de Asmundis C, Mugnai G, Chierchia GB, Sieira J, **Conte G**, Rodriguez-Mañero M, Pappaert G, Czapla J, Nijs J, La Meir M, Casado R, Ströker E, De Regibus V, Brugada P. Long-Term Follow-Up of Proband With Brugada Syndrome. *Am J Cardiol*. 2017;119(9):1392-1400. [IF 2017: 3,171]
71. Maffessanti F, Wanten J, Potse M, Regoli F, Caputo ML, **Conte G**, Sürder D, Illner A, Krause R, Moccetti T, Auricchio A, Prinzen FW. The relation between local repolarization and T-wave morphology in heart failure patients. *Int J Cardiol*. 2017. pii: S0167-5273(16)34312-1. [IF 2017: 4,034]
72. Mugnai G, Hünük B, Ströker E, Ruggiero D, Coutino-Moreno HE, Takarada K, De Regibus V, Choudhury R, Abugattas de Torres JP, Moran D, Iacopino S, Filannino P, **Conte G**, Sieira J, Poelaert J, Beckers S, Brugada P, de Asmundis C, Chierchia GB. Long-term outcome of pulmonary vein isolation in patients with paroxysmal atrial fibrillation and Brugada syndrome. *Europace*. 2017. doi: 10.1093/europace/ euw428. [IF 2017: 5,231]
73. **Conte G**, Kawabata M, de Asmundis C, Taravelli E, Petracca F, Ruggiero D, Caputo ML, Regoli F, Chierchia GB, Chiodini A, Del Bufalo A,

- Moccetti T, Goya M, Hirao K, Vicentini A, De Ferrari GM, Brugada P, Auricchio A. High rate of subcutaneous implantable cardioverter-defibrillator sensing screening failure in patients with Brugada syndrome: a comparison with other inherited primary arrhythmia syndromes. *Europace*. 2017. doi: 10.1093/europace/eux009. [IF 2017: 5,231]
74. **Conte G**, Caputo ML, Regoli F, Moccetti T, Auricchio A. Catheter ablation of a left posterior fascicular ventricular tachycardia guided by a novel high-resolution multipolar mapping catheter. *J Interv Card Electrophysiol*. 2017. doi: 10.1007/s10840-017-0246-6. [IF 2017: 1,522]
 75. Sieira J, **Conte G**, Ciconte G, Chierchia GB, Casado-Arroyo R, Baltogiannis G, Di Giovanni G, Saitoh Y, Juliá J, Mugnai G, La Meir M, Wellens F, Czapla J, Pappaert G, de Asmundis C, Brugada P. A score model to predict risk of events in patients with Brugada Syndrome. *Eur Heart J*. 2017. doi: 10.1093/eurheartj/ehx119. [IF 2017: 23,425]
 76. Sieira J, Ciconte G, **Conte G**, de Asmundis C, Chierchia GB, Baltogiannis G, Di Giovanni G, Saitoh Y, Casado-Arroyo R, Juliá J, La Meir M, Wellens F, Wauters K, Pappaert G, Brugada P. Long Term Prognosis of Drug-Induced Brugada Syndrome. *Heart Rhythm*. 2017. pii: S1547-5271(17)30577-5. doi: 10.1016/j.hrthm.2017.04.044. [IF 2017: 4,743]
 77. Regoli F, Araco M, Moccetti T, Caputo ML, **Conte G**, Auricchio A, Moccetti M. Potential Clinical Utility and Feasibility of Combined Left Atrial Appendage Closure and Positioning of Miniaturized Pacemaker Through a Single Right Femoral Vein Access. *Am J Cardiol*. 2017;120(2):236-242. [IF 2017: 3,171]
 78. De Regibus V, Iacopino S, Abugattas JP, Coutiño HE, Mugnai G, Storti C, **Conte G**, Auricchio A, Moran D, Ströcker E, Marroquin L, Takarada K, Choudhury R, de Asmundis C, Brugada P, Chierchia GB. Single freeze strategy with the second-generation cryoballoon for atrial fibrillation: a multicenter international retrospective analysis in a large cohort of patients. *J Interv Card Electrophysiol*. 2017;49(2):173-80. [IF 2017: 1,522]
 79. Nguyễn UC, Maffessanti F, Mafi-Rad M, **Conte G**, Zeemering S, Regoli F, Caputo ML, van Stipdonk AMW, Bekkers SCAM, Suerder D, Moccetti T, Krause R, Prinzen FW, Vernooy K, Auricchio A. Evaluation of the use of unipolar voltage amplitudes for detection of myocardial scar assessed by cardiac magnetic resonance imaging in heart failure patients. *PLoS One*. 2017;12(7):e0180637. [IF 2017: 2,776]
 80. Auricchio A, Regoli F, **Conte G**, Caputo ML. Key Lessons from the ELEC- TRA Registry in the Modern Era of Transvenous Lead Extraction. *Arrhythm Electrophysiol Rev*. 2017; 6(3):111-113. doi: 10.15420/aer.2017.25.1.
 81. Milman A, Andorin A, Gourraud JB, Sacher F, Mabo P, Kim SH, Maeda S, Takahashi Y, Kamakura T, Aiba T, **Conte G**, Juang JJM, Leshem E, Rahkovich M, Hochstadt A, Mizusawa Y, Postema PG, Arbelo E, Huang Z, Denjoy I, Giustetto C, Wijeyeratne YD, Napolitano C, Michowitz Y,

Brugada R, Casado-Arroyo R, Champagne J, Calo L, Sarquella-Brugada G, Tfelt-Hansen J, Priori SG, Takagi M, Veltmann C, Delise P, Corrado D, Behr ER, Gaita F, Yan GX, Brugada J, Leenhardt A, Wilde AAM, Brugada P, Kusano KF, Hirao K, Nam GB, Probst V, Belhassen B. Age of First Arrhythmic Event in Brugada Syndrome: Data From the SABRUS (Survey on Arrhythmic Events in Brugada Syndrome) in 678 Patients. *Circ Arrhythm Electrophysiol.* 2017;10(12). [IF 2017: 4,712]

82. **Conte G**, Caputo ML, Volders PGA, Luca A, Mainardi L, Schotten U, Corino V, Regoli F, Zeemering S, Zink M, Yazdani S, Kappenberger L, Moccetti T, Vesin JM, Auricchio A. Concealed abnormal atrial phenotype in patients with Brugada syndrome and no history of atrial fibrillation. *Int J Cardiol.* 2018;253:66-70. 2018;15;253:66-70. [IF 2018: 3,471]
83. De Regibus V, Abugattas JP, Iacopino S, Mugnai G, Storti C, **Conte G**, Auricchio A, Ströcker E, Coutiño HE, Takarada K, Salghetti F, Lusoc I, Capulzini L, Brugada P, de Asmundis C, Chierchia GB. Single freeze per vein strategy with the second-generation cryoballoon for atrial fibrillation: a propensity score-matched study between 180- and 240-s application time in a large cohort of patients. *Europace.* 2018; 1;20 (FI_3): f377-f383 doi:10-1093/europace/euw 428. [IF 2018: 5,231]
84. Milman A, Andorin A, Gourraud JB, Postema PG, Sacher F, Mabo P, Kim SH, Juang JJ, Maeda S, Takahashi Y, Kamakura T, Aiba T, **Conte G**, Sarquella-Brugada G, Leshem E, Rahkovich M, Hochstadt A, Mizusawa Y, Arbelo E, Huang Z, Denjoy I, Giustetto C, Wijeyeratne YD, Napolitano C, Michowitz Y, Brugada R, Casado-Arroyo R, Champagne J, Calo L, Tfelt-Hansen J, Priori SG, Takagi M, Veltmann C, Delise P, Corrado D, Behr ER, Gaita F, Yan GX, Brugada J, Leenhardt A, Wilde AAM, Brugada P, Kusano KF, Hirao K, Nam GB, Probst V, Belhassen B. Profile of Brugada Syndrome Patients Presenting with Their First Documented Arrhythmic Event. Data from the Survey on Arrhythmic Events in BRUgada Syndrome (SABRUS). *Heart Rhythm.* 2018;15(5):716-724. [IF 2018: 5,225]
85. Regoli F, D'Ambrosio G, Caputo ML, Svab S, **Conte G**, Moccetti T, Klersy C, Cassina T, Demertzis S, Auricchio A. New-onset pericardial effusion during transvenous lead extraction: incidence, causative mechanisms, and associated factors. *J Interv Card Electrophysiol.* 2018;51(3):253-261. [IF 2018: 1,534]
86. Maffessanti F, Prinzen FW, **Conte G**, Regoli F, Caputo ML, Suerder D, Moccetti T, Faletra F, Krause R, Auricchio A. Integrated Assessment of Left Ventricular Electrical Activation and Myocardial Strain Mapping in Heart Failure Patients: A Holistic Diagnostic Approach for Endocardial Cardiac Resynchronization Therapy, Ablation of Ventricular Tachycardia, and Biological Therapy. *JACC Clin Elec- trophysiol.* 2018;4(1):138-146.
87. Michowitz Y, Milman A, Sarquella-Brugada G, Andorin A, Champagne J, Postema PG, Casado-Arroyo R, Leshem E, Juang JJM, Giustetto C, Tfelt-Hansen J, Wijeyeratne YD, Veltmann C, Corrado D, Kim SH, Delise P, Maeda S, Gourraud JB, Sacher F, Mabo P, Takahashi Y,

Kamakura T, Aiba T, **Conte G**, Hochstadt A, Mizusawa Y, Rahkovich M, Arbelo E, Huang Z, Denjoy I, Napolitano C, Brugada R, Calo L, Priori SG, Takagi M, Behr ER, Gaita F, Yan GX, Brugada J, Leenhardt A, Wilde AAM, Brugada P, Kusano KF, Hirao K, Nam GB, Probst V, Belhassen B. Fever-related arrhythmic events in the multicenter Survey on Arrhythmic Events in Brugada Syndrome. *Heart Rhythm*. 2018;15(9):1394-1401. [IF 2018: 5,225]

88. Özkartal T, Regoli F, **Conte G**, Caputo ML, Klersy C, Moccetti T, Auricchio A. New onset of phrenic nerve palsy after laser-assisted transvenous lead extraction: a single-centre experience. *Europace*. 2018. doi: 10.1093/europace/euy044. [IF 2018: 5,047]
89. Milman A, Gourraud JB, Andorin A, Postema PG, Sacher F, Mabo P, **Conte G**, Giustetto C, Sarquella-Brugada G, Hochstadt A, Kim SH, Juang JJM, Maeda S, Takahashi Y, Kamakura T, Aiba T, Leshem E, Michowitz Y, Rahkovich M, Mizusawa Y, Arbelo E, Huang Z, Denjoy I, Wijeyeratne YD, Napolitano C, Brugada R, Casado-Arroyo R, Cham- pagne J, Calo L, Tfelt-Hansen J, Priori SG, Takagi M, Veltmann C, Delise P, Corrado D, Behr ER, Gaita F, Yan GX, Brugada J, Leenhardt A, Wilde AAM, Brugada P, Kusano KF, Hirao K, Nam GB, Probst V, Belhassen B. Gender differences in patients with Brugada syndrome and arrhythmic events: Data from a survey on arrhythmic events in 678 patients. *Heart Rhythm*. 2018;15(10):1457-1465. [IF 2018: 5,225]
90. **Conte G**, Soejima K, de Asmundis C, Chierchia GB, Badini M, Miwa Y, Caputo ML, Özkartal T, Maffessanti F, Sieira J, Degreeef Y, Stroker E, Regoli F, Moccetti T, Brugada P, Auricchio A. Value of high-resolution mapping in optimizing cryoballoon ablation of atrial fibrillation. *Int J Cardiol*. 2018;270:136-142. [IF 2018: 3,471]
91. Caputo ML, van Stipdonk A, Illner A, D'Ambrosio G, Regoli F, **Conte G**, Moccetti T, Klersy C, Prinzen FW, Vernoooy K, Auricchio A. The definition of left bundle branch block influences the response to cardiac resynchronization therapy. *Int J Cardiol*. 2018;269:165-169. [IF 2018: 3,471]
92. Pezzuto S, Gharaviri A, Schotten U, Potse M, **Conte G**, Caputo ML, Regoli F, Krause R, Auricchio A. Beat-to-beat P-wave morphological variability in patients with paroxysmal atrial fibrillation: an in silico study. *Europace*. 2018;20(suppl_3):iii26-iii35. [IF 2018: 5,047]
93. Nguyễn UC, Potse M, Vernoooy K, Mafi-Rad M, Heijman J, Caputo ML, **Conte G**, Regoli F, Krause R, Moccetti T, Auricchio A, Prinzen FW, Maffessanti F. A left bundle branch block activation sequence and ventricular pacing influence voltage amplitudes: an in vivo and in silico study. *Europace*. 2018;20(suppl_3):iii77-iii86. [IF 2018: 5,047]
94. **Conte G**, Kosiuk J, Bogdan S, Balsam P, Vernoooy K, Nielsen JC, Kutiyifa V. Current status of interventional cardiac electrophysiology training in ESC member countries: an EHRA Young EP Report. *Europace*. 2019;1;21(3):522-524. [IF 2019: 4,045]

95. Vernooij K, Kutyifa V, **Conte G**, Bogdan S, Balsam P, Nielsen JC, Kosiuk J. Survey on the research activities within the EHRA Young EP community. *Europace*. 2019;1;21(4):670-672. [IF 2019: 4,045]
96. de Asmundis C, Mugnai G, Chierchia GB, Sieira J, Ströcker E, **Conte G**, Rodriguez-Mañero M, Pappaert G, Van Dooren S, De Regibus V, La Meir M, Brugada P. Abnormally high risk of stroke in Brugada syndrome. *J Cardiovasc Med (Hagerstown)*. 2019;20(2):59-65. [IF 2019: 1,225]
97. Milman A, Hochstadt A, Andorin A, Gourraud JB, Sacher F, Mabo P, Kim SH, **Conte G**, Arbelo E, Kamakura T, Aiba T, Napolitano C, Giustetto C, Denjoy I, Juang JJM, Maeda S, Takahashi Y, Leshem E, Michowitz Y, Rahkovich M, Jespersen CH, Wijeyeratne YD, Champagne J, Calo L, Huang Z, Mizusawa Y, Postema PG, Brugada R, Wilde AAM, Yan GX, Behr ER, Tfelt-Hansen J, Hirao K, Veltmann C, Leenhardt A, Corrado D, Gaita F, Priori SG, Kusano KF, Takagi M, Delise P, Brugada J, Brugada P, Nam GB, Probst V, Belhassen B. Time-to-first appropriate shock in patients implanted prophylactically with an implantable cardioverter-defibrillator: data from the Survey on Arrhythmic Events in BRUGada Syndrome (SABRUS). *Europace*. 2019;1;21(5):796-802. [IF 2019: 4,045]
98. Bogdan S, Refaat M, Chudzik M, Balsam P, Kosiuk J, **Conte G**, Vernooij K, Kutyifa V. Career building in countries with electrophysiology underdevelopment: roadblocks and solutions-an EHRA Young EP Report. *Europace*. 2019. pii: euz017. doi: 10.1093/europace/ euz017. [IF 2019: 4,045]
99. Özkartal T, Auricchio A, **Conte G**. Ajmaline infusion during automated screening in Brugada syndrome and spontaneous Type 1 electrocardiogram unmasks non-suitability for subcutaneous implantable cardioverter-defibrillator. *Eur Heart J*. 2019. pii: ehz049. doi: 10.1093/eurheartj/ehz049. [IF 2019: 22,673]
100. **Conte G**, Schotten U, Auricchio A. The Atrial Phenotype of the Inherited Primary Arrhythmia Syndromes. *Arrhythm Electrophysiol Rev*. 2019;8(1):42-46. doi: 10.15420/aer.2019.4.2.
101. Michowitz Y, Milman A, Andorin A, Sarquella-Brugada G, Gonzalez Corcia CM, Gourraud B, **Conte G**, Sacher F, Juang JJM, Kim SH, Leshem E, Mabo P, Postema PG, Hochstadt A, Wijeyeratne YD, Denjoy I, Giustetto C, Mizusawa Y, Huang Z, Jespersen CH, Maeda S, Takahashi Y, Kamakura T, Aiba T, Arbelo E, Mazzanti A, Allocca G, Brugada R, Casado-Arroyo R, Champagne J, Priori SG, Veltmann C, Delise P, Corrado D, Brugada J, Kusano KF, Hirao K, Calo L, Takagi M, Tfelt-Hansen J, Yan GX, Gaita, Leenhardt A, Behr ER, Wilde AM, Nam GB, Brugada P, Probst V, Belhassen B. Characterization and management of arrhythmic events in young patients with Brugada syndrome. *J Am Coll Cardiol* 2019;73:1756- 65. [IF 2019: 20,589]
102. Asatryan B, Schaller A, Seiler J, Servatius H, Noti F, Baldinger SH, Tanner H, Roten L, Dillier R, Lam A, Haeberlin A, **Conte G**, Saguner AM, Müller SA, Duru F, Auricchio A, Ammann P, Sticherling C, Burri

- H, Reichlin T, Wilhelm M, Medeiros-Domingo A. Usefulness of Genetic Testing in Sudden Cardiac Arrest Survivors With or Without Previous Clinical Evidence of Heart Disease. *Am J Cardiol.* 2019;123(12):2031-2038. [IF 2019: 2,570]
103. Baltogiannis GG, Lysitsas DN, di Giovanni G, Ciconte G, Sieira J, **Conte G**, Kolettis TM, Chierchia GB, de Asmundis C, Brugada P. CPVT: Arrhythmogenesis, Therapeutic Management, and Future Perspectives. A Brief Review of the Literature. *Front Cardiovasc Med.* 2019;6:92. [IF 2019: 3,915]
 104. Cioffi GM, Regoli F, **Conte G**, Auricchio A. Acute fluctuating neurological deficits after pulmonary vein isolation: unmasking a rare complication due to spontaneous spinal subdural bleeding: a case report. *Eur Heart J Case Rep.* 2019;5;3(3). [IF 2019: 22,673]
 105. **Conte G**, Belhassen B, Lambiase P, Ciconte G, de Asmundis C, Arbelo E, Schaer B, Frontera A, Burri H, Calo' L, Letsas KP, Leyva F, Porter B, Saenen J, Zacà V, Berne P, Ammann P, Zardini M, Luani B, Rordorf R, Sarquella Brugada G, Medeiros-Domingo A, Geller JC, de Potter T, Stokke MK, Márquez MF, Michowitz Y, Honarbakhsh S, Conti M, Sticherling C, Martino A, Zegard A, Özkartal T, Caputo ML, Regoli F, Braun-Dullaeus RC, Notarangelo F, Moccetti T, Casu G, Rinaldi CA, Levinstein M, Haugaa KH, Derval N, Klersy C, Curti M, Pappone C, Heidebuchel H, Brugada J, Haïssaguerre M, Brugada P, Auricchio A. Out-of-hospital cardiac arrest due to idiopathic ventricular fibrillation in patients with normal electrocardiograms: results from a multicentre long-term registry. *Europace.* 2019 1;21(11):1670-1677. [IF 2019: 4,045]
 106. Milman A, Andorin A, Postema PG, Gourraud JB, Sacher F, Mabo P, Kim SH, Maeda S, Takahashi Y, Kamakura T, Aiba T, **Conte G**, Juang JJM, Leshem E, Michowitz Y, Fogelman R, Hochstadt A, Mizusawa Y, Giustetto C, Arbelo E, Huang Z, Corrado D, Delise P, Allocca G, Takagi M, Wijeyeratne YD, Mazzanti A, Brugada R, Casado-Arroyo R, Champagne J, Calo L, Sarquella-Brugada G, Jespersen CH, Tfelt-Hansen J, Veltmann C, Priori SG, Behr ER, Yan GX, Brugada J, Gaita F, Wilde AAM, Brugada P, Kusano KF, Hirao K, Nam GB, Probst V, Belhassen B. Ethnic differences in patients with Brugada syndrome and arrhythmic events: New insights from Survey on Arrhythmic Events in Brugada Syndrome. *Heart Rhythm.* 2019;16(10):1468-1474. [IF 2019: 5,731]
 107. Conen D, Rodondi N, Müller A, Beer JH, Ammann P, Moschovitis G, Auricchio A, Hayoz D, Kobza R, Shah D, Novak J, Schläpfer J, Di Valentino M, Aeschbacher S, Blum S, Meyre P, Sticherling C, Bonati LH, Ehret G, Moutzouri E, Fischer U, Monsch AU, Stippich C, Wuerfel J, Sinnecker T, Coslovsky M, Schwenkglenks M, Kühne M, Osswald S; Swiss-AF Study Investigators. Relationships of Overt and Silent Brain Lesions With Cognitive Function in Patients With Atrial Fibrillation. *J Am Coll Cardiol.* 2019;12;73(9):989-999. [IF 2019: 20,589]

108. Li KHC, Lee S, Yin C, Liu T, Ngarmukos T, **Conte G**, Yan GX, Sy RW, Letsas KP, Tse G. Brugada syndrome: A comprehensive review of pathophysiological mechanisms and risk stratification strategies. *Int J Cardiol Heart Vasc.* 2020;21;26:100468. [IF 2020: 2,843]
109. Laureanti R, **Conte G**, Corino VDA, Osswald S, Conen D, Roten L, Rodondi N, Ammann P, Meyer-Zuern CS, Bonati L, Mainardi LT, Auricchio A; Swiss-AF study investigators. Sex-related electrocardiographic differences in patients with different types of atrial fibrillation: Results from the SWISS-AF study. *Int J Cardiol.* 2020;15;307:63-70. [IF 2020: 4,164]
110. Maffessanti F, Jadczyk T, Kurzelowski R, Regoli F, Caputo ML, **Conte G**, Gołba KS, Biernat J, Wilczek J, Dąbrowska M, Pezzuto S, Moccetti T, Krause R, Wojakowski W, Prinzen FW, Auricchio A. The influence of scar on the spatio-temporal relationship between electrical and mechanical activation in heart failure patients. *Europace.* 2020;1;22(5):777-786. [IF 2020: 5,214]
111. Laureanti R, **Conte G**, Corino VDA, Osswald S, Conen D, Roten L, Rodondi N, Ammann P, Meyer-Zuern CS, Bonati L, Mainardi LT, Auricchio A; Swiss-AF study investigators. Response to “Electrocardiographic sexual differences in patients with atrial fibrillation”. *Int J Cardiol.* 2020;1;308:50-51. [IF 2020: 4,164]
112. Varma N, Marrouche NF, Aguinaga L, Albert CM, Arbelo E, Choi JJ, Chung MK, **Conte G**, Dagher L, Epstein LM, Ghanbari H, Han JK, Heidbuchel H, Huang H, Lakkireddy DR, Ngarmukos T, Russo AM, Saad EB, Saenz Morales LC, Sandau KE, Sridhar ARM, Stecker EC, Varosy PD. HRS/EHRA/APHRS/LAHRs/ACC/AHA Worldwide Practice Update for Telehealth and Arrhythmia Monitoring During and After a Pandemic. *J Am Coll Cardiol.* 2020 Sep 15;76(11):1363-1374 [IF 2020: 24,094]
113. Varma N, Marrouche NF, Aguinaga L, Albert CM, Arbelo E, Choi JJ, Chung MK, **Conte G**, Dagher L, Epstein LM, Ghanbari H, Han JK, Heidbuchel H, Huang H, Lakkireddy DR, Ngarmukos T, Russo AM, Saad EB, Saenz Morales LC, Sandau KE, Sridhar ARM, Stecker EC, Varosy PD. HRS/EHRA/APHRS/LAHRs/ACC/AHA worldwide practice update for telehealth and arrhythmia monitoring during and after a pandemic. *Heart Rhythm.* 2020 Sep;17(9):e255-e268. [IF 2020: 6,343]
114. Dan GA, Scherr D, Jubele K, Frakowski MM, Iliodromitis K, **Conte G**, Jędrzejczyk-Patej E, Vitali-Serdoz L, Potpara TS. Contemporary management of patients with syncope in clinical practice: an EHRA physician-based survey. *Europace.* 2020 Jun 1;22(6):980-987. [IF 2020: 5,214]
115. Varma N, Marrouche NF, Aguinaga L, Albert CM, Arbelo E, Choi JJ, Chung MK, **Conte G**, Dagher L, Epstein LM, Ghanbari H, Han JK, Heidbuchel H, Huang H, Lakkireddy DR, Ngarmukos T, Russo AM, Saad EB, Saenz Morales LC, Sandau KE, Sridhar ARM, Stecker EC, Varosy PD. HRS/EHRA/APHRS/LAHRs/ACC/AHA worldwide practice update for telehealth and arrhythmia monitoring during and after a pandemic. *Circ Arrhythm Electrophysiol.* 2020 Jul;13(7):e009007. [IF 2020: 6,568]

116. Springer A, Monsch AU, Dutilh G, Coslovsky M, Kievit RA, Bonati LH, Conen D, Aeschbacher S, Beer JH, Schwenkglenks M, Fischer U, Meyer-Zuern CS, **Conte G**, Moutzouri E, Moschovitis G, Kühne M, Osswald S; Swiss-AF Study Investigators. A factor score reflecting cognitive functioning in patients from the Swiss Atrial Fibrillation Cohort Study (Swiss-AF). *PLoS One*. 2020 Oct 9;15(10):e0240167. (IF 2020: 3,24)
117. **Conte G**, Soejima K, de Asmundis C, Bruno J, Cattaneo F, Chierchia GB, Miwa Y, Caputo ML, Sieira J, Regoli F, Moccetti T, Brugada P, Auricchio A. High-density mapping in patients undergoing ablation of atrial fibrillation with the fourth- generation cryoballoon and the new spiral mapping catheter. *Europace*. 2020 Nov 1;22(11):1653-1658. [IF 2020: 5,214]
118. Varma N, Marrouche NF, Aguinaga L, Albert CM, Arbelo E, Choi JJ, Chung MK, **Conte G**, Dagher L, Epstein LM, Ghanbari H, Han JK, Heidebuchel H, Huang H, Lakkireddy DR, Ngarmukos T, Russo AM, Saad EB, Saenz Morales LC, Sandau KE, Sridhar ARM, Stecker EC, Varosy PD. HRS/EHRA/APHRS/LAHRS/ACC/AHA worldwide practice update for telehealth and arrhythmia monitoring during and after a pandemic. *J Arrhythm*. 2020 Jun 25;10.1002/joa3.12389 [No IF].
119. Reichlin T, Baldinger SH, Pruvot E, Bisch L, Ammann P, Altmann D, Berte B, Kobza R, Haegeli L, Schlatzer C, Mueller A, Namdar M, Shah D, Burri H, **Conte G**, Auricchio A, Knecht S, Osswald S, Asatryan B, Seiler J, Roten L, Kühne M, Sticherling C. Impact of contact force sensing technology on outcome of catheter ablation of idiopathic pre-mature ventricular contractions originating from the outflow tracts. *Europace*. 2020. [IF 2020 5,214]
120. Pezzuto S, Prinzen FW, Potse M, Maffessanti F, Regoli F, Caputo ML, **Conte G**, Krause R, Auricchio A. Reconstruction of three-dimensional biventricular activation based on the 12-lead electrocardiogram via patient-specific modelling. *Europace*. 2020. [IF 2020: 5,214]
121. Baltogiannis G, **Conte G**, Sieira J, De Ferrari GM, Brugada P. Editorial: Sudden Cardiac Death and Channelopathies. *Front Cardiovasc Med*. 2020 Nov 25;7:605834. [IF 2020: 6,050]
122. Varma N, Marrouche NF, Aguinaga L, Albert CM, Arbelo E, Choi JJ, Chung MK, **Conte G**, Dagher L, Epstein LM, Ghanbari H, Han JK, Heidebuchel H, Huang H, Lakkireddy DR, Ngarmukos T, Russo AM, Saad EB, Saenz Morales LC, Sandau KE, Sridhar ARM, Stecker EC, Varosy PD. HRS/EHRA/APHRS/LAHRS/ACC/AHA worldwide practice update for telehealth and arrhythmia monitoring during and after a pandemic. *Europace*. 2021 Feb 5;23(2):313 [IF 2021: 5,486]
123. Arbelo E; (Chair), Aktaa S, Bollmann A, D'Avila A, Drossart I, Dwight J, Hills MT, Hindricks G, Kusumoto FM, Lane DA, Lau DH, Lettino M, Lip GYH, Lobban T, Pak HN, Potpara T, Saenz LC, Van Gelder IC, Varosy P, Gale CP, Dagres N; (Co- chair); Reviewers, Boveda S; (review coordinator), Deneke T, Defaye P, **Conte G**, Lenarczyk R,

Providencia R, Guerra JM, Takahashi Y, Pisani C, Nava S, Sarkozy A, Glotzer TV, Martins Oliveira M. Quality indicators for the care and outcomes of adults with atrial fibrillation. *Europace*. 2021 Apr 6;23(4):494-495 [IF 2021: 5,486]

124. **Conte G**, Giudicessi JR, Ackerman MJ. Idiopathic ventricular fibrillation: the ongoing quest for diagnostic refinement. *Europace*. 2021 Jan 27;23(1):4-10. [IF 2021: 5,486]
125. Auricchio A, **Conte G**, Demarchi A, Baldi E, Özkartal T, Regoli F, Moccetti T. Challenges in activation of remote monitoring in patients with cardiac rhythm devices during the coronavirus (COVID-19) pandemic. *Int J Cardiol*. 2021 Apr 1;328:247-249. [IF 2021: 4,039]
126. Aeschbacher S, Blum S, Meyre PB, Coslovsky M, Vischer AS, Sinnecker T, Rodondi N, Beer JH, Moschovitis G, Moutzouri E, Hunkeler C, Burkard T, Eken C, Roten L, Zuern CS, Sticherling C, Wuerfel J, Bonati LH, Conen D, Osswald S, Kühne M; Swiss-AF Investigators. Blood Pressure and Brain Lesions in Patients With Atrial Fibrillation. Hypertension. 2020 Dec 28:HYPERTENSIONAHA12016025. [No IF]
127. **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. [IF 2021: 5,486]
128. Gharaviri A, Pezzuto S, Potse M, Verheule S, **Conte G**, Krause R, Schotten U, Auricchio A. Left Atrial Appendage Electrical Isolation Reduces Atrial Fibrillation Recurrences: A Simulation Study. *Circ Arrhythm Electrophysiol*. 2021 Jan;14(1):e009230. [IF 2021: 7,718]
129. Auricchio A, Özkartal T, Salghetti F, Neumann L, Pezzuto S, Gharaviri A, Demarchi A, Caputo ML, Regoli F, De Asmundis C, Chierchia GB, Brugada P, Klersy C, Moccetti T, Schotten U, **Conte G**. Short P-Wave Duration is a Marker of Higher Rate of Atrial Fibrillation Recurrences after Pulmonary Vein Isolation: New Insights into the Pathophysiological Mechanisms Through Computer Simulations. *J Am Heart Assoc*. 2021 Jan 19;10(2):e018572. [IF 2021: 6,107]
130. Honarbakhsh S, Providencia R, Garcia-Hernandez J, Martin CA, Hunter RJ, Lim WY, Kirkby C, Graham AJ, Sharifzadehgan A, Waldmann V, Marijon E, Munoz-Esparza C, Lacunza J, Gimeno-Blanes JR, Ankou B, Chevalier P, Antonio N, Elvas L, Castelletti S, Crotti L, Schwartz P, Scanavacca M, Darrieux F, Sacilotto L, Mueller-Leisse J, Veltmann C, Vicentini A, Demarchi A, Cortez-Dias N, Antonio PS, de Sousa J, Adragao P, Cavaco D, Costa FM, Khoeiry Z, Boveda S, Sousa MJ, Jebberi Z, Heck P, Mehta S, **Conte G**, Ozkartal T, Auricchio A, Lowe MD, Schilling RJ, Prieto-Merino D, Lambiase PD; Brugada Syndrome Risk Investigators. A Primary Prevention Clinical Risk Score Model for Patients With Brugada Syndrome (BRUGADA-RISK). *JACC Clin Electrophysiol*. 2021 Feb;7(2):210-222. [IF 2021: 6,124]

131. Belhassen B, **Conte G**. Letter to the Editor-Electrophysiological study in women with Brugada Syndrome. *Heart Rhythm*. 2021 Jun;18(6):1039. [IF 2021: 6,779]
132. Lubrecht JM, Grandits T, Gharaviri A, Schotten U, Pock T, Plank G, Krause R, Auricchio A, **Conte G**, Pezzuto S. Automatic reconstruction of the left atrium activation from sparse intracardiac contact recordings by inverse estimate of fibre structure and anisotropic conduction in a patient-specific model. *Europace*. 2021 Mar 4;23(Supplement_1):i63-i70. [IF 2021: 5,486]
133. Gharaviri A, Pezzuto S, Potse M, **Conte G**, Zeemering S, Sobota V, Verheule S, Krause R, Auricchio A, Schotten U. Synergistic antiarrhythmic effect of inward rectifier current inhibition and pulmonary vein isolation in a 3D computer model for atrial fibrillation. *Europace*. 2021 Mar 4;23(Supplement_1):i161-i168. [IF 2021: 5,486]
134. Moschovitis G, Johnson LSB, Blum S, Aeschbacher S, De Perna ML, Pagnamenta A, Mayer Melchiorre PA, Benz AP, Kobza R, Di Valentino M, Zuern CS, Auricchio A, **Conte G**, Rodondi N, Blum MR, Beer JH, Kühne M, Osswald S, Conen D; BEAT-AF and Swiss-AF investigators. Heart rate and adverse outcomes in patients with prevalent atrial fibrillation. *Open Heart*. 2021 Apr;8(1):e001606. [No IF]
135. **Conte G**, Wilde A, Behr ER, Scherr D, Lenarczyk R, Gandjbachkh E, Crotti L, Brugada-Sarquella G, Potpara T. Importance of Dedicated Units for the Management of Patients With Inherited Arrhythmia Syndromes. *Circ Genom Precis Med*. 2021 Apr;14(2):e003313. [IF 2021: 7,465]
136. Varma N, Marrouche NF, Aguinaga L, Albert CM, Arbelo E, Choi JI, Chung MK, **Conte G**, Dagher L, Epstein LM, Ghanbari H, Han JK, Heidbuchel H, Huang H, Lakkireddy DR, Ngarmukos T, Russo AM, Saad EB, Saenz Morales LC, Sandau KE, Sridhar ARM, Stecker EC, Varosy PD. HRS/EHRA/APHRS/LAHRS/ACC/AHA worldwide practice update for telehealth and arrhythmia monitoring during and after a pandemic. *Europace*. 2021 Feb 5;23(2):313 [IF 2021: 5,486]
137. Moutzouri E, Lyko C, Feller M, Blum MR, Adam L, Blum S, Aeschbacher S, Fischer U, Roten L, Del Giovane C, Meyer-Zuern CS, **Conte G**, Bonati LH, Moschovitis G, Kühne M, Beer J, Aujesky D, Osswald S, Conen D, Rodondi N. Subclinical thyroid function and cardiovascular events in patients with atrial fibrillation. *Eur J Endocrinol*. 2021 Aug 3;185(3):375-385. [IF 2021: 6,558]
138. Garcia R, Waldmann V, Vanduyhoven P, Nesti M, Jansen de Oliveira Figueiredo M, Narayanan K, **Conte G**, Guerra JM, Boveda S, Duncker D. Worldwide sedation strategies for atrial fibrillation ablation: current status and evolution over the last decade. *Europace*. 2021 Dec 7;23(12):2039-2045. [IF 2021: 5,486]
139. Coromilas EJ, Kochav S, Goldenthal I, Biviano A, Garan H, Goldberg S, Kim JH, Yeo I, Tracy C, Ayanian S, Akar J, Singh A, Jain S, Zimmerman L, Pimentel M, Osswald S, Twerenbold R, Schaerli N, Crotti

L, Fabbri D, Parati G, Li Y, Atienza F, Zatarain E, Tse G, Leung KSK, Guevara-Valdivia ME, Rivera-Santiago CA, Soejima K, De Filippo P, Ferrari P, Malanchini G, Kanagaratnam P, Khawaja S, Mikhail GW, Scanavacca M, Abrahão Hajjar L, Rizerio B, Sacilotto L, Mollazadeh R, Eslami M, Laleh Far V, Mattioli AV, Boriani G, Migliore F, Cipriani A, Donato F, Compagnucci P, Casella M, Dello Russo A, Coromilas J, Aboyme A, O'Brien CG, Rodriguez F, Wang PJ, Naniwadekar A, Moey M, Kow CS, Cheah WK, Auricchio A, **Conte G**, Hwang J, Han S, Lazzzerini PE, Franchi F, Santoro A, Capecchi PL, Joglar JA, Rosenblatt AG, Zardini M, Bricoli S, Bonura R, Echarte-Morales J, Benito- González T, Minguito-Carazo C, Fernández-Vázquez F, Wan EY. Worldwide Survey of COVID-19-Associated Arrhythmias. *Circ Arrhythm Electrophysiol.* 2021 Mar;14(3):e009458.[IF 2021: 7,718]

140. **Conte G**, Piciacchia F, Medeiros-Domingo A, Grego S, Ripellino P, Auricchio A. Filamin C missense variant associated with severe right atrial disease and skeletal myopathy. *J Cardiovasc Electrophysiol.* 2021 Oct;32(10):2777-2780. [IF 2021: 2,942]
141. Milman A, Behr ER, Gray B, Johnson DC, Andorin A, Hochstadt A, Gourraud JB, Maeda S, Takahashi Y, Jm Juang J, Kim SH, Kamakura T, Aiba T, Postema PG, Mizusawa Y, Denjoy I, Giustetto C, **Conte G**, Huang Z, Sarquella-Brugada G, Mazzanti A, Jespersen CH, Arbelo E, Brugada R, Calo L, Corrado D, Casado-Arroyo R, Allocca G, Takagi M, Delise P, Brugada J, Tfelt-Hansen J, Priori SG, Veltmann C, Yan GX, Brugada P, Gaita F, Leenhardt A, Wilde AAM, Kusano KF, Nam GB, Hirao K, Probst V, Belhassen B. Genotype-Phenotype Correlation of SCN5A Genotype in Patients With Brugada Syndrome and Arrhythmic Events: Insights From the SABRUS in 392 Proband. *Circ Genom Precis Med.* 2021 Oct;14(5):e003222. [IF 2021: 7,465]
142. Demarchi A, Neumann L, Rordorf R, **Conte G**, Sanzo A, Özkartal T, Savastano S, Regoli F, Vicentini A, Caputo ML, Klersy C, Petracci B, Piciacchia F, Bruno J, Baldi E, D'Amore S, Auricchio A. Long-term outcome of catheter ablation for atrial fibrillation in patients with severe left atrial enlargement and reduced left ventricular ejection fraction. *Europace.* 2021 Nov 8;23(11):1751-1756. [IF 2021: 5,486]
143. Letsas KP, Vlachos K, **Conte G**, Efremidis M, Nakashima T, Duchateau J, Bazoukis G, Frontera A, Mililis P, Tse G, Cheniti G, Takigawa M, Pambrun T, Prappa E, Sacher F, Derval N, Sideris A, Auricchio A, Jais P, Haissaguerre M, Hocini M. Right ventricular outflow tract electro-anatomical abnormalities in asymptomatic and high-risk symptomatic patients with Brugada syndrome: Evidence for a new risk stratification tool? *J Cardiovasc Electrophysiol.* 2021 Nov;32(11):2997-3007. doi: 10.1111/jce.15262. Epub 2021 Oct 7. PMID: 34596938. [IF 2021: 2,942]
144. Bano A, Rodondi N, Beer JH, Moschovitis G, Kobza R, Aeschbacher S, Baretella O, Muka T, Stettler C, Franco OH, **Conte G**, Sticher-

ling C, Zuern CS, Conen D, Kühne M, Osswald S, Roten L, Reichlin T; of the Swiss-Investigators. Association of Diabetes With Atrial Fibrillation Phenotype and Cardiac and Neurological Comorbidities: Insights From the Swiss-AF Study. *J Am Heart Assoc.* 2021 Nov 16;10(22). [IF 2021: 6,107]

145. **Conte G**, Cattaneo F, de Asmundis C, Berne P, Vicentini A, Namdar M, Scalone A, Klersy C, Caputo ML, Demarchi A, Özkartal T, Salghetti F, Casu G, Passarelli I, Mameli S, Shah D, Burri H, De Ferrari G, Brugada P, Auricchio A. Impact of SMART Pass filter in patients with ajmaline-induced Brugada syndrome and subcutaneous implantable cardioverter-defibrillator eligibility failure: results from a prospective multicentre study. *Europace.* 2022 May 3;24(5):845-854. [IF 2022: 6,1]
146. Regoli F, Roberto M, Grazioli-Gauthier L, Cioffi G, Pasotti E, Caputo ML, **Conte G**, Breitenstein A, Moccetti T. Feasibility and clinical efficacy of double suture-mediated closure device technique for hemostasis during positioning of miniaturized wireless pacemaker. *J Interv Card Electrophysiol.* 2022 Jun;64(1):129-135. [IF 2021: 1,759]
147. Behr ER, Scrocco C, Wilde AAM, Marijon E, Crotti L, Iliodromitis KE, Remme CA, Kosiuk J, Rudaka I, Brugada GS, Frampton K, Schulze-Bahr E, Jubele K, de Asmundis C, Hofman N, Tfelt-Hansen J, Boveda S, **Conte G**. Investigation on Sudden Unexpected Death in the Young (SUDY) in Europe: results of the European Heart Rhythm Association Survey. *Europace.* 2022 Feb 2;24(2):331-339. [IF 2022: 6,1]
148. Belhassen B, Laredo M, Roudijk RW, Peretto G, Zahavi G, Sen-Chowdhry S, Badenco N, Te Riele ASJM, Sala S, Duthoit G, van Tintelen JP, Paglino G, Sellal JM, Gasperetti A, Arbelo E, Andorin A, Ninni S, Rollin A, Peichl P, Waintraub X, Bosman LP, Pierre B, Nof E, Miles C, Tfelt-Hansen J, Protonotarios A, Giustetto C, Sacher F, Hermida JS, Havranek S, Calo L, Casado-Arroyo R, **Conte G**, Letsas KP, Zorio E, Bermúdez-Jiménez FJ, Behr ER, Beinart R, Fauchier L, Kautzner J, Maury P, Lacroix D, Probst V, Brugada J, Duru F, de Chillou C, Bella PD, Gandjbakhch E, Hauer R, Milman A. The prevalence of left and right bundle branch block morphology ventricular tachycardia amongst patients with arrhythmogenic cardiomyopathy and sustained ventricular tachycardia: insights from the European Survey on Arrhythmogenic Cardiomyopathy. *Europace.* 2022 Feb 2;24(2):285-295. [IF 2022: 6,1]
149. Tovia-Brodie O, Rav Acha M, Belhassen B, Gasperetti A, Schiavone M, Forleo GB, Guevara-Valdivia ME, Ruiz DV, Lellouche N, Hamon D, Castagno D, Bellettini M, De Ferrari GM, Laredo M, Carvès JB, Ignatiuk B, Pasquetto G, De Filippo P, Malanchini G, Pavri BB, Raphael C, Rivetti L, Mantovan R, Chinitz J, Harding M, Boriani G, Casali E, Wan EY, Biviano A, Macias C, Havranek S, Lazzerini PE, Canu AM, Zardini M, **Conte G**, Cano Ó, Casella M, Rudic B, Om-

elchenko A, Mathuria N, Upadhyay GA, Danon A, Schwartz AL, Maury P, Nakahara S, Goldenberg G, Schaerli N, Bereza S, Auricchio A, Glikson M, Michowitz Y. Implantation of cardiac electronic devices in active COVID-19 patients: Results from an international survey. *Heart Rhythm*. 2022 Feb;19(2):206-216. [IF 2022: 5,5]

150. Januszkiewicz Ł, Barra S, Providencia R, **Conte G**, de Asmundis C, Chun JKR, Farkowski MM, Guerra JM, Marijon E, Boveda S. Long-term quality of life and acceptance of implantable cardioverter-defibrillator therapy: results of the European Heart Rhythm Association survey. *Europace*. 2022 May 3;24(5):860-867. [IF 2022: 6,1]
151. Özkartal T, Demarchi A, Caputo ML, Baldi E, **Conte G**, Auricchio A. Perioperative Management of Patients with Cardiac Implantable Electronic Devices and Utility of Magnet Application. *J Clin Med*. 2022 Jan 28;11(3):691. doi: 10.3390/jcm11030691. PMID: 35160149; PMCID: PMC8836758. [IF 2022: 3,9]
152. Simovic S, Providencia R, Barra S, Kircanski B, Guerra JM, **Conte G**, Duncker D, Marijon E, Anic A, Boveda S. The use of remote monitoring of cardiac implantable devices during the COVID-19 pandemic: an EHRA physician survey. *Europace*. 2022 Mar 2;24(3):473-480. [IF 2022: 6,1]
153. Rivolta MW, Mainardi LT, Laureanti R, Sassi R, Kühne M, Rodondi N, **Conte G**, Moschovitis G, Schlageter V, Aeschbacher S, Conen D, Reichlin T, Roten L, Osswald S, Zuern CS, Auricchio A, Corino VDA. Association between ventricular repolarization parameters and cardiovascular death in patients of the SWISS-AF cohort. *Int J Cardiol*. 2022 Jun 1;356:53-59. [IF 2022: 3,5]
154. Demarchi A, **Conte G**, Chen SA, Lo LW, Chen WT, De Potter T, Geelen P, Sarkozy A, Spera FR, Reichlin T, Roten L, Defaye P, Carabelli A, Boveda S, Bourenane H, Riesinger L, Kochhäuser S, Caixal G, Mont L, Scherr D, Manninger M, Pentimalli F, Cornara S, Klersy C, Auricchio A. Catheter Ablation of Atrial Fibrillation in Patients with Previous Lobectomy or Partial Lung Resection: Long-Term Results of an International Multicenter Study. *J Clin Med*. 2022 Mar 8;11(6):1481. [IF 2022: 3,9]
155. Badertscher P, Knecht S, Zeljković I, Sticherling C, de Asmundis C, Conte G, Barra S, Jedrzej K, Kühne M, Boveda S. Management of conduction disorders after transcatheter aortic valve implantation: results of the EHRA survey. *Europace*. 2022 Jul 21;24(7):1179-1185. [IF 2022: 6,1]
156. Svennberg E, Tjong F, Goette A, Akoum N, Di Biase L, Bordachar P, Boriani G, Burri H, **Conte G**, Deharo JC, Deneke T, Drossart I, Duncker D, Han JK, Heidebuchel H, Jais P, de Oliveira Figueiredo MJ, Linz D, Lip GYH, Malaczynska-Rajpold K, Márquez M, Ploem C, Soejima K, Stiles MK, Wierda E, Vernooy K, Leclercq C, Meyer C, Pisani C, Pak HN, Gupta D, Pürerfellner H, Crijns HJGM, Chavez

- EA, Willems S, Waldmann V, Dekker L, Wan E, Kavoor P, Turagam MK, Sinner M. How to use digital devices to detect and manage arrhythmias: an EHRA practical guide. *Europace*. 2022 Jul 15;24(6):979-1005. [IF 2022: 6,1]
157. Farkowski MM, Karlinski M, Pytkowski M, de Asmundis C, Lewandowski M, Mugnai G, **Conte G**, Marijon E, Anic A, Boveda S, Providencia R. Mexiletine for recurrent ventricular tachycardia in adult patients with structural heart disease and implantable cardioverter defibrillator: an EHRA systematic review. *Europace*. 2022 Oct 13;24(9):1504-1511. [IF 2023: 7,9]
 158. Bisignani A, **Conte G**, Pannone L, Sieira J, Del Monte A, Lipartiti F, Bala G, Miraglia V, Monaco C, Ströker E, Overeinder I, Almorad A, Gauthey A, Franchetti Pardo L, Raes M, Detriche O, Brugada P, Auricchio A, Chierchia GB, de Asmundis C. Long-Term Outcomes of Pulmonary Vein Isolation in Patients With Brugada Syndrome and Paroxysmal Atrial Fibrillation. *J Am Heart Assoc*. 2022 Aug 2;11(15):e026290. [IF 2023: 5,0]
 159. Bordignon S, Barra S, Providencia R, de Asmundis C, Marijon E, Farkowski MM, Anic A, Guerra JM, Kosiuk J, Iliodromitis K, Schmidt B, **Conte G**, Chun JKR, Boveda S. The blanking period after atrial fibrillation ablation: an European Heart Rhythm Association survey on contemporary definition and management. *Europace*. 2022 Oct 13;24(10):1684-1690. [IF 2023: 7,9]
 160. Boussuge-Roze J, Boveda S, Mahida S, Anic A, **Conte G**, Chun JKR, Marijon E, Sacher F, Jais P. Current practices and expectations to reduce environmental impact of electrophysiology catheters: results from an EHRA/LIRYC European physician survey. *Europace*. 2022 Sep 1;24(8):1300-1306. [IF 2023: 7,9]
 161. Meyre PB, Blum S, Hennings E, Aeschbacher S, Reichlin T, Rondoni N, Beer JH, Stauber A, Müller A, Sinnecker T, Moutzouri E, Paladini RE, Moschovitis G, **Conte G**, Auricchio A, Ramadani A, Schwenkglenks M, Bonati LH, Kühne M, Osswald S, Conen D. Bleeding and ischaemic events after first bleed in anticoagulated atrial fibrillation patients: risk and timing. *Eur Heart J*. 2022 Dec 14;43(47):4899-4908. doi: 10.1093/eurheartj/ehac587. PMID: 36285887. [IF 2023: 38,1]
 162. Demarchi A, Auricchio A, Boveda S, Bourenane H, Dafaye P, Carabelli A, Gupta D, Kozhuharov N, Klersy C, **Conte G**. Catheter Ablation of Atrial Fibrillation in Patients With Partial Anomalous Pulmonary Venous Return. *JACC Clin Electrophysiol*. 2022 Oct;8(10):1317-1319. [IF 2023: 8]
 163. Kircanski B, Boveda S, Prinzen F, Sorgente A, Anic A, **Conte G**, Burri H. Conduction system pacing in everyday clinical practice: EHRA

physician survey. *Europace*. 2023 Feb 16;25(2):682-687. doi: 10.1093/europace/euac201. Erratum in: *Europace*. 2023 Feb 06. [IF 2023: 7,9]

164. Auricchio A, Demarchi A, Özkartal T, Campanale D, Caputo ML, di Valentino M, Menafoglio A, Regoli F, Facchini M, Del Bufalo A, Foglia P, Ferrari N, Bomio F, Medeiros-Domingo A, Moccetti T, Pedrazzini GB, Klersy C, **Conte G**. Role of genetic testing in young patients with idiopathic atrioventricular conduction disease. *Europace*. 2023 Feb 16;25(2):643-650. [IF 2023: 7,9]
165. Maffessanti F, Jadczyk T, Wilczek J, **Conte G**, Caputo ML, Gołba KS, Biernat J, Cybulska M, Caluori G, Regoli F, Krause R, Wojakowski W, Prinzen FW, Auricchio A. Electromechanical factors associated with favourable outcome in cardiac resynchronization therapy. *Europace*. 2023 Feb 16;25(2):546-553. [IF 2023: 7,9]
166. Iliodromitis K, Lenarczyk R, Scherr D, **Conte G**, Farkowski MM, Marin F, Garcia-Seara J, Simovic S, Potpara T. Patient selection, peri-procedural management, and ablation techniques for catheter ablation of atrial fibrillation: an EHRA survey. *Europace*. 2023 Feb 16;25(2):667-675. [IF 2023: 7,9]
167. Milman A, Sabbag A, **Conte G**, Postema PG, Andorin A, Gourraud JB, Sacher F, Mabo P, Kim SH, Maeda S, Takahashi Y, Kamakura T, Aiba T, Juang JJ, Michowitz Y, Leshem E, Mizusawa Y, Arbelo E, Huang Z, Denjoy I, Giustetto C, Wijeyeratne YD, Mazzanti A, Brugada R, Casado-Arroyo R, Champagne J, Calo L, Sarquella-Brugada G, Tfelt-Hansen J, Priori SG, Takagi M, Veltmann C, Delise P, Corrado D, Behr ER, Gaita F, Yan GX, Brugada J, Leenhardt A, Wilde AAM, Brugada P, Kusano KF, Hirao K, Nam GB, Probst V, Belhassen B. Characteristics of Patients with Spontaneous Versus Drug-Induced Brugada Electrocardiogram: Sub-Analysis From the SABRUS. *Circ Arrhythm Electrophysiol*. 2023 Jan;16(1):e011360. doi: 10.1161/CIR-CEP.122.011360. Epub 2023 Jan 3. PMID: 36595628. [IF 2023: 9,1]
168. Russo V, Caturano A, Guerra F, Migliore F, Mascia G, Rossi A, Nesti M, Santobuono VE, Attena E, Tola G, Sciarra L, **Conte G**, Paoletti Perini A, Francia P, Dendramis G, Palamà Z, Albani S, Ottonelli Ghidini A, Calò L, D'Onofrio A, Baldi E; IBRYD Study Group. Correction to: Subcutaneous versus transvenous implantable cardioverter-defibrillator among drug-induced type-1 ECG pattern Brugada syndrome: a propensity score matching analysis from IBRYD study. *Heart Vessels*. 2023 Jan 6. doi: 10.1007/s00380-022-02228-3. Epub ahead of print. Erratum for: *Heart Vessels*. 2022 Nov 24;: PMID: 36607387. [IF 2023: 1,4]
169. Piciacchia F, Auricchio A, Behr ER, Wilde AAM, **Conte G**. Family History of Sudden Cardiac Death in the Young and Inherited Arrhythmia Syndromes: Awareness and Attitudes of General Practitioners and Private Practice Cardiologists. *Circ Genom Precis Med*. 2023 Feb;16(1):e003913. [IF 2023: 6,0]

170. Januszkiewicz Ł, Barra S, Marijon E, Providencia R, de Asmundis C, Chun JKR, Farkowski MM, **Conte G**, Boveda S. Major gaps in the information provided to patients before implantation of cardioverter defibrillators: a prospective patient European evaluation. *Europace*. 2023 Mar 30;25(3):1144-1151. [IF 2023: 7,9]
171. Januszkiewicz Ł, Grabowski M, Farkowski MM, Życiński P, Jędrychowski T, Pytkowski M, Chun JKR, Guerra JM, **Conte G**, Barra S, Boveda S, Kempa M. Implantable Cardioverter-Defibrillators in Poland Compared with other European Countries from the Patient's Perspective: Insights from the EHRA Patient Survey. *Int J Environ Res Public Health*. 2023 Mar 13;20(6):5045. doi: 10.3390/ijerph20065045. PMID: 36981953; PMCID: PMC10049532. [IF 2023: 3,2]
172. Hennings E, Blum S, Aeschbacher S, Coslovsky M, Knecht S, Eken C, Lischer M, Paladini RE, Krisai P, Reichlin T, Rodondi N, Beer JH, Ammann P, **Conte G**, De Perna ML, Kobza R, Blum MR, Bossard M, Kastner P, Ziegler A, Müller C, Bonati LH, Pfister O, Zuern CS, Conen D, Kühne M, Osswald S; Swiss AF Investigators. Bone Morphogenetic Protein 10-A Novel Biomarker to Predict Adverse Outcomes in Patients With Atrial Fibrillation. *J Am Heart Assoc*. 2023 Mar 21;12(6):e028255. doi: 10.1161/JAHA.122.028255. Epub 2023 Mar 16. PMID: 36926939. [IF 2023: 5,0]
173. Baldi E, **Conte G**, Zeppenfeld K, Lenarczyk R, Guerra JM, Farkowski MM, de Asmundis C, Boveda S. Contemporary management of ventricular electrical storm in Europe: results of a European Heart Rhythm Association Survey. *Europace*. 2023 Apr 15;25(4):1277-1283. doi: 10.1093/europace/euac151. [IF 2023: 7,9]
174. Januszkiewicz Ł, Barra S, Providencia R, Chun JKR, **Conte G**, Farkowski MM, Guerra JM, Marijon E, de Asmundis C, Boveda S. Regional disparity on patient characteristics and perceptions after implantable cardioverter-defibrillator implantation: results from an EHRA patient survey. *Europace*. 2023 May 19;25(5):euad110. [IF 2023: 7,9]
175. Russo V, Caturano A, Guerra F, Migliore F, Mascia G, Rossi A, Nesti M, Santobuono VE, Attena E, Tola G, Sciarra L, **Conte G**, Paoletti Perini A, Francia P, Dendramis G, Palamà Z, Albani S, Ottonelli Ghidini A, Calò L, D'Onofrio A, Baldi E; IBRYD Study Group. Correction to: Subcutaneous versus transvenous implantable cardioverter-defibrillator among drug-induced type-1 ECG pattern Brugada syndrome: a propensity score matching analysis from IBRYD study. *Heart Vessels*. 2023 May;38(5):689-690. [IF 2023: 1,4]
176. Pannone L, Gauthey A, **Conte G**, Osei R, Campanale D, Baldi E, Berne P, Vicentini A, Vergara P, Sorgente A, Rootwelt-Norberg C, Della Rocca DG, Monaco C, Bisignani A, Miraglia V, Spolverini M, Paparella G, Overeinder I, Bala G, Almorad A, Ströker E, de Ravel T, Medeiros-Do

mingo A, Sieira J, Haugaa KH, Brugada P, La Meir M, Auricchio A, Chierchia GB, Van Dooren S, de Asmundis C. Genetics in Probands With Idiopathic Ventricular Fibrillation: A Multicenter Study. *JACC Clin Electrophysiol.* 2023 Aug;9(8 Pt 1):1296-1306. [IF 2023: 8]

177. Moutzouri E, Glutz M, Abolhassani N, Feller M, Adam L, Gencer B, Del Giovane C, Bétrisey S, Paladini RE, Hennings E, Aeschbacher S, Beer JH, Moschovitis G, Seiffge D, De Marchis GM, Coslovsky M, Reichlin T, **Conte G**, Sinnecker T, Schwenkglenks M, Bonati LH, Kastner P, Aujesky D, Kühne M, Osswald S, Fischer U, Conen D, Rodondi N. Association of statin use and lipid levels with cerebral microbleeds and intracranial hemorrhage in patients with atrial fibrillation: A prospective cohort study. *Int J Stroke.* 2023 Dec;18(10):1219-1227. [IF 2023: 6,3]
178. Hofer D, Regoli F, Saguner AM, **Conte G**, Jelisejevas J, Luce Caputo M, Graup V, Grazioli Gauthier L, Gasperetti A, Steffel J, Auricchio A, Breitenstein A. Efficacy and safety of leadless pacemaker implantation in octogenarians. *Cardiology.* 2023 Jul 24. doi: 10.1159/000532075. Epub ahead of print. PMID: 37487479. [IF 2023: 1,9]
179. Crotti L, Brugada P, Calkins H, Chevalier P, **Conte G**, Finocchiaro G, Postema PG, Probst V, Schwartz PJ, Behr ER. From gene-discovery to gene-tailored clinical management: 25 years of research in channelopathies and cardiomyopathies. *Europace.* 2023 Aug 25;25(8):euad180. [IF 2023: 7,9]
180. Regoli FD, Saguner AM, Auricchio A, Demarchi A, Pasotti E, **Conte G**, Caputo ML, Özkartal T, Breitenstein A. Peri-Procedural Management of Direct-Acting Oral Anticoagulants (DOACs) in Transcatheter Miniaturized Leadless Pacemaker Implantation. *J Clin Med.* 2023 Jul 21;12(14):4814. [IF 2023: 3,0]
181. Haeberlin A, Noti F, Breitenstein A, Auricchio A, Reichlin T, **Conte G**, Klersy C, Curti M, Pruvot E, Domenichini G, Schaer B, Kühne M, Gruszczynski M, Burri H, Kobza R, Grebmer C, Regoli FD. Transvenous Lead Extraction during Cardiac Implantable Device Upgrade: Results from the Multicenter Swiss Lead Extraction Registry. *J Clin Med.* 2023 Aug 8;12(16):5175. [IF 2023: 3,0]
182. Linz D, Chun J, Guerra F, **Conte G**, Garcia R, Kommata V, Malaczynska-Rajpold K, Nesti M, Duncker D. Electrophysiology fellowship experience and requirements: an EHRA survey. *Europace.* 2023 Aug 2;25(9):euad249. [IF 2023: 7,9]
183. Aebersold H, Foster-Witassek F, Serra-Burriel M, Brüngger B, Aeschbacher S, Beer JH, Blozik E, Blum M, Bonati L, Conen D, **Conte G**, Felder S, Huber C, Kuehne M, Moschovitis G, Mueller A, Paladini RE, Reichlin T, Rodondi N, Springer A, Stauber A, Sticherling C, Szucs T, Osswald S, Schwenkglenks M; Swiss-AF Investigators. Estimating

the cost impact of atrial fibrillation using a prospective cohort study and population-based controls. *BMJ Open*. 2023 Sep 14;13(9):e072080. [IF 2023: 2,4]

184. Zanchi B, Faraci F, Gharaviri A, Bergonti M, Monga T, Auricchio A, **Conte G**. Identification of Brugada Syndrome Based on P-Wave Features: An Artificial Intelligence-Based Approach. *Europace*. 2023 Nov 7;euad334. doi: 10.1093/europace/euad334. Epub ahead of print. PMID: 37944131. [IF 2023: 7,9]
185. Monachino G, Zanchi B, Fiorillo L, **Conte G**, Auricchio A, Tzovara A, Faraci FD. Deep Generative Models: The winning key for large and easily accessible ECG datasets? *Comput Biol Med*. 2023 Dec;167:107655. 2: Conte G, Probst V. Time to consider catheter ablation as an alternative to implantable cardioverter-defibrillator therapy in high-risk patients with Brugada syndrome? *Europace*. 2023 Dec 6;25(12):euad338. [IF 2023: 7,9]
186. Behr ER, **Conte G**, Wilde A. Is right ventricular outflow tract epicardial substrate ablation the standard of care in high-risk Brugada syndrome? *Europace*. 2023 Dec 28;26(1):euae020. (IF 2023: 7,9)
187. Mugnai G, Farkowski M, Tomasi L, Roten L, Migliore F, de Asmundis C, **Conte G**, Boveda S, Chun JKR. Prevention of venous thromboembolism in right heart-sided electrophysiological procedures: results of an European Heart Rhythm Association survey. *Europace*. 2023 Dec 28;26(1):euad364. [IF 2023: 7,9]
188. Sultan A, Futyma P, Metzner A, Anic A, Richter S, Roten L, Badertscher P, **Conte G**, Chun JKR. Management of ventricular tachycardias: insights on centre settings, procedural workflow, endpoints, and implementation of guidelines- results from an EHRA survey. *Europace*. 2024 Feb 1;26(2):euae030. doi: 10.1093/europace/euae030. PMID: 38363995; PMCID: PMC10872712. [IF 2023: 7,9]
189. Russo V, Caturano A, Migliore F, Guerra F, Francia P, Nesti M, **Conte G**, Perini AP, Mascia G, Albani S, Marchese P, Santobuono VE, Dendramis G, Rossi A, Attenu E, Ghidini AO, Sciarra L, Palamà Z, Baldi E, Romeo E, D'Onofrio A, Nigro G; IBRYD Study Group. Long-term clinical outcomes of patients with drug-induced type 1 Brugada electrocardiographic pattern: A nationwide cohort registry study. *Heart Rhythm*. 2024 Jan 18:S1547-5271(24)00026-2. doi: 10.1016/j.hrthm.2024.01.015. Epub ahead of print. PMID: 38242222. [IF 2023: 5,6]
190. Aebbersold H, Foster-Witassek F, Aeschbacher S, Beer JH, Blozik E, Blum M, Bonati L, **Conte G**, Coslovsky M, De Perna ML, Di Valentino M, Felder S, Huber CA, Moschovitis G, Mueller A, Paladini RE, Reichlin T, Rodondi N, Stauber A, Sticherling C, Szucs TD, Conen D, Kuhne M, Osswald S, Schwenkglenks M, Serra- Burriel M; Swiss-AF Investigators. Patients on vitamin K treatment: is switching to direct-acting oral anti-

coagulation cost-effective? A target trial on a prospective cohort. *Open Heart*. 2024 Jan 31;11(1):e002567. doi: 10.1136/openhrt-2023-002567. PMID: 38302139; PMCID: PMC10831440. [IF 2023: 2,8]

191. Özkartal T, Demarchi A, **Conte G**, Pongan D, Klersy C, Caputo ML, Bergonti M, Bernasconi E, Gaia V, Granger CB, Auricchio A. Cardiac implantable electronic devices and bloodstream infections: management and outcomes. *Eur Heart J*. 2024 Apr 7;45(14):1269-1277. [IF 2023: 38,1]
192. Bergonti M, Sacher F, Arbelo E, Crotti L, Sabbag A, Casella M, Saenen J, Rossi A, Monaco C, Pannone L, Compagnucci P, Russo V, Heller E, Santoro A, Berne P, Bisignani A, Baldi E, Van Leuven O, Migliore F, Marcon L, Dagradi F, Sfondrini I, Landra F, Comune A, Cespón-Fernández M, Nesti M, Santoro F, Magnocavallo M, Vicentini A, Conti S, Ribatti V, Brugada P, de Asmundis C, Brugada J, Tondo C, Schwartz PJ, Haissaguerre M, Auricchio A, **Conte G**. Implantable loop recorders in patients with Brugada syndrome: the BruLoop study. *Eur Heart J*. 2024 Apr 7;45(14):1255-1265. [IF 2023: 38,1]
193. Jelisejevas J, Regoli F, Hofer D, **Conte G**, Oezkartal T, Saguner AM, Caputo ML, Grazioli L, Steffel J, Auricchio A, Breitenstein A. Leadless Pacemaker Implantation, Focusing on Patients With Conduction System Disorders Post- Transcatheter Aortic Valve Replacement: A Retrospective Analysis. *CJC Open*. 2023 Oct 14;6(2Part A):96-103. [IF 2023: 2,5]
194. Belhassen B, **Conte G**, Steinberg C, Whitaker J, Khan HR, Laredo M, Doldi F, Ho R, Tadros R, Dinov B, Chorin E, Hansom S, Waintraub X, Eckardt L, Jankelson L, Peichl P, Mellor G, Sy RW, Rattana Wong P, Stojkovic S, Garber L, Suna G, Kautzner J, Chan KH, Srivathsan K, Tedrow U, Havranek S, Murgatroyd F, Shauer A, Winkel BG, Page SP, Milman A, Lador A, Ayoub R, Sellal JM, Chevalier P, García- Fernández FJ, Reichlin T, Shah D, Nazer B, Bermudez-Jimenez F, Nagase S, Morita H, Nam GB, Pappone C, Lambiase PD, Strohmer B, Stuehlinger M, Gandjbakhch E, Schulze-Bahr E, Krahn AD, Tovia-Brodie O; THESIS Investigators. Mode and Characteristics of Arrhythmia Initiation in Idiopathic Ventricular Fibrillation: A THESIS Substudy. *JACC Clin Electrophysiol*. 2024 Aug;10(8):1794-1809. [IF 2023: 8]
195. Bergonti M, **Conte G**. To the Editor - Atrial fibrillation and heart failure: To build a CASTLE you need a solid foundation. *Heart Rhythm*. 2024 Oct;21(10):2069. [IF 2023: 5,6]
196. Crotti L, Neves R, Dagradi F, Musu G, Giannetti F, Bos JM, Barberi M, Cerea P, Giovenzana FLF, Torchio M, Mura M, Gneccchi M, **Conte G**, Auricchio A, Sala L, Odening KE, Ackerman MJ, Schwartz PJ. Therapeutic Efficacy of Mexiletine for Long QT Syndrome Type 2: Evidence From Human Induced Pluripotent Stem Cell- Derived Cardiomyocytes, Transgenic Rabbits, and Patients. *Circulation*. 2024 Aug 13;150(7):531-543. [IF 2023: 35,6]

197. **Conte G**, Bergonti M. Implantable loop recorders in Brugada syndrome: symptoms and arrhythmia characterization. *Eur Heart J*. 2024 Aug 16;45(31):2895. [IF 2023: 38,1]
198. Jelisejevas J, Regoli F, Hofer D, **Conte G**, Oezkartal T, Saguner AM, Caputo ML, Grazioli L, Steffel J, Auricchio A, Breitenstein A. Leadless Pacemaker Implantation in Patients With a Prior Conventional Pacing System. *CJC Open*. 2023 Dec 15;6(4):649-655. [IF 2023: 2,5]
199. Bergonti M, Ciconte G, Cruzalegui Gomez J, Crotti L, Arbelo E, Casella M, Saenen J, Rossi A, Pannone L, Martinez-Barrios E, Compagnucci P, Russo V, Berne P, Van Leuven O, Boccellino A, Marcon L, Dagradi F, Landra F, Özkartal T, Comune A, Conti S, Ribatti V, Campuzano O, Brugada P, de Asmundis C, Brugada J, Pappone C, Tondo C, Schwartz PJ, Auricchio A, Sarquella-Brugada G, **Conte G**. Continuous Rhythm Monitoring With Implanted Loop Recorders in Children and Adolescents With Brugada Syndrome. *J Am Coll Cardiol*. 2024 Sep 3;84(10):921-933. [IF 2023: 21,7]
200. Carrick RT, Gasperetti A, Protonotarios A, Murray B, Laredo M, van der Schaaf I, Dooijes D, Syrris P, Cannie D, Tichnell C, Gilotra NA, Cappelletto C, Medo K, Saguner AM, Duru F, Hyland RJ, Abrams DJ, Lakdawala NK, Cadrin-Tourigny J, Targetti M, Olivotto I, Graziosi M, Cox M, Biagini E, Charron P, Compagnucci P, Casella M, **Conte G**, Tondo C, Yazdani M, Ware JS, Prasad SK, Calò L, Smith ED, Helms AS, Hespe S, Ingles J, Tandri H, Ader F, Peretto G, Peters S, Horton A, Yao J, Schulze-Bahr E, Dittman S, Carruth ED, Young K, Qureshi M, Haggerty C, Parikh VN, Taylor M, Mestroni L, Wilde A, Sinagra G, Merlo M, Gandjbakhch E, van Tintelen JP, Te Riele ASJM, Elliott P, Calkins H, Wu KC, James CA. A novel tool for arrhythmic risk stratification in desmoplakin gene variant carriers. *Eur Heart J*. 2024 Aug 21;45(32):2968-2979. doi: 10.1093/eurheartj/ehae409. Erratum in: *Eur Heart J*. 2024 Aug 01:ehae501. [IF 2023: 38,1]
201. Bergonti M, **Conte G**. Heart Failure, Atrial Fibrillation, and Predictors of Arrhythmia-Induced Cardiomyopathy. *JACC Clin Electrophysiol*. 2024 Jul;10(7 Pt 2):1757. [IF 2023: 8]
202. Özkartal T, D'Alto A, Bergonti M, Caputo ML, **Conte G**, Breitenstein A, Sticherling C, Haeberlin A, Bruno J, Ammann P, Grebmer C, Schöni L, Rigamonti E, Klersy C, Auricchio A. Impact of comorbidity on complication rates and life expectancy in patients with a leadless pacemaker. *Int J Cardiol*. 2024 Nov 15;415:132453. [IF 2023: 3,2]
203. Zeljkovic I, Gauthey A, Manninger M, Malaczynska-Rajpold K, Tfelt-Hansen J, Crotti L, Behr ER, Migliore F, Wilde A, Chun J, **Conte G**. Genetic testing for inherited arrhythmia syndromes and cardiomyopathies: results of the European Heart Rhythm Association survey. *Europace*. 2024 Aug 30;26(9):euae216. [IF 2023: 7,9]

204. Özkartal T, Bergonti M, Caputo ML, Costantino J, Klersy C, **Conte G**. High lead-related complication rate with MicroPort Vega active fixation pacing leads. *Europace*. 2024 Oct 3;26(10):euae242 [IF 2023: 7,9]
205. Carmine D, Aeschbacher S, Coslovsky M, Hennings E, Paladini RE, Peter R, Burger M, Reichlin T, Rodondi N, Müller AS, Ammann P, **Conte G**, Auricchio A, Moschovitis G, Bardoczi JB, Stauber A, De Perna ML, Zuern CS, Sinnecker T, Badertscher P, Sticherling C, Bonati LH, Conen D, Krisai P, Osswald S, Kühne M. Blood pressure, brain lesions and cognitive decline in patients with atrial fibrillation. *Front Cardiovasc Med*. 2024 Sep 3;11:1449506. [IF 2023: 2,8]
206. **Conte G**, Bergonti M, Probst V, Morita H, Tfelt-Hansen J, Behr ER, Kengo K, Arbelo E, Crotti L, Sarquella-Brugada G, Wilde AAM, Calò L, Sarkozy A, de Asmundis C, Mellor G, Migliore F, Letsas K, Vicentini A, Levinstein M, Berne P, Chen SA, Veltmann C, Biernacka EK, Carvalho P, Kabawata M, Sojema K, Gonzalez MC, Tse G, Thollet A, Svane J, Caputo ML, Scrocco C, Kamakura T, Pardo LF, Lee S, Juárez CK, Martino A, Lo LW, Monaco C, Reyes-Quintero ÁE, Martini N, Oezkartal T, Klersy C, Brugada J, Schwartz PJ, Brugada P, Belhassen B, Auricchio A. aTrial arrhythmias in inhEriTed aRrhythmIa Syndromes: results from the TETRIS study. *Europace*. 2024 Dec 3;26(12):euae288. (IF 2023: 7,9)
207. **Conte G**. Increased pacemaker implantation and mortality rates in relatives of patients with early-onset sinus node dysfunction: can genetics explain all? *Europace*. 2024 Dec 3;26(12):euae289. (IF 2023: 7,9)
208. Sabbag A, Amoroso G, Tomer O, **Conte G**, Beinart R, Nof E, Özkartal T, Ollitrault P, Laredo M, Tovia-Brodie O, Gandjbakhch E, de Benedictis M, Ter Bekke RMA, Milman A. Clinical differences between drug-induced type 1 Brugada pattern and syndrome. *J Arrhythm*. 2024 May 29;40(4):982-990. (IF 2023: 2,2)
209. Iten V, Herber E, Coslovsky M, Hennings E, Paladini RE, Reichlin T, Rodondi N, Müller AS, Stauber A, Beer JH, Brenner R, **Conte G**, Kobza R, Di Valentino M, Bedoya PC, Moradi F, Sinnecker T, Bonati LH, Kühne M, Osswald S, Conen D, Aeschbacher S, Zuern CS; Swiss-AF and Beat-AF Investigators. Coffee consumption and adverse cardiovascular events in patients with atrial fibrillation. *BMC Med*. 2024 Dec 18;22(1):593. (IF 2023: 7)
210. Whitaker J, Belhassen B, **Conte G**, Steinberg C, Laredo M, Ho R, Dinov B, Schulze-Bahr E, Krahn AD, Tovia-Brodie O. “Short,” “long,” and “short-plus- long” coupled idiopathic ventricular fibrillation: Distribution, demographic, and electrophysiologic characteristics-A THESIS substudy. *Heart Rhythm*. 2025 Jul;22(7):e246-e247. (IF 2023: 5,6)
211. Özkartal T, Bergonti M, Caputo ML, Ceriani L, **Conte G**. Bloodstream infection in patients with cardiac implantable electronic devices and prosthetic heart valves: the role of PET-CT. *Heart Rhythm*. 2024 Nov

19:S1547-5271(24)03607-5. doi: 10.1016/j.hrthm.2024.11.024. Epub ahead of print. PMID: 39571741. (IF 2023: 5,6)

212. Zanchi B, Monachino G, Fiorillo L, **Conte G**, Auricchio A, Tzovara A, Faraci FD. Synthetic ECG signals generation: A scoping review. *Comput Biol Med*. 2025 Jan;184:109453. (IF 2023: 7.0)
213. Bergonti M, **Conte G**. Reply: Implantable Loop Recorders in Patients With Brugada Syndrome: What Is the Appropriate Use in These Patients? *J Am Coll Cardiol*. 2025 Jan 21;85(2):e27. (IF 2023: 21.7)
214. Bergonti M, Krisai P, Ascione C, Pambrun T, Della Rocca DG, Compagnucci P, Özkartal T, Marcon L, Ferrero TG, Pannone L, Kühne M, Anselmino M, Casella M, Serban T, Tondo C, Rodríguez-Mañero M, Caputo ML, Badertscher P, Derval N, de Asmundis C, Chierchia GB, Heidbuchel H, Jaïs P, Auricchio A, Sarkozy A, **Conte G**. Different Approaches to Atrial Fibrillation Ablation in Heart Failure Patients: Temporal Trends and Clinical Outcomes. *JACC Clin Electrophysiol*. 2025 May;11(5):942-952. [IF 2023: 8,00]
215. Aebbersold H, Foster-Witassek F, Amberg S, Serra-Burriel M, Moschovitis G, Zannoni R, Aeschbacher S, **Conte G**, Beer JH, Blozik E, Bonati LH, Conen D, Felder S, Haller ML, Krisai P, Kühne M, Paladini RE, Reichlin T, Rodondi N, Sticherling C, Szucs T, Tomonaga Y, Osswald S, Schwenkglenks M; Swiss-AF Investigators. Impact of atrial fibrillation on productivity in working-age patients: an analysis of Swiss-AF prospective cohort study data. *Swiss Med Wkly*. 2025 Jan 2;155:3669. (IF 2023: 2,1)
216. Behr ER, Winkel BG, Ensam B, Alfie A, Arbelo E, Berry C, Cerrone M, **Conte G**, Crotti L, Corcia CMG, Kaski JC, Nademanee K, Postema PG, Priori S, Probst V, Sarquella-Brugada G, Schulze-Bahr E, Tadros R, Wilde A, Tfelt-Hansen J, Wolpert C, Cuesta A, Damman P, Dobrev D, Drago F, Haugaa K, Krahn A, Krause U, Lambiase PD, Napolitano C, Odening KE, Shimizu W, Veltmann C. The diagnostic role of pharmacological provocation testing in cardiac electrophysiology: a clinical consensus statement of the European Heart Rhythm Association and the European Association of Percutaneous Cardiovascular Interventions (EAPCI) of the ESC, the ESC Working Group on Cardiovascular Pharmacotherapy, the Association of European Paediatric and Congenital Cardiology (AEPC), the Paediatric & Congenital Electrophysiology Society (PACES), the Heart Rhythm Society (HRS), the Asia Pacific Heart Rhythm Society (APHRS), and the Latin American Heart Rhythm Society (LAHRS). *Europace*. 2025 Mar 28;27(4):euaf067. (IF 2023: 7,9)
217. Bergonti M, Özkartal T, Caputo ML, **Conte G**. (Doubts on) The Mechanistic Role of Pulmonary Veins Reconnection in Paroxysmal and Persistent Atrial Fibrillation: A Meta-Analysis of Mandatory Remapping Studies. *Circ Arrhythm Electrophysiol*. 2025 Apr;18(4):e013456. (IF 2023: 9,1)

218. Giammarino L, Matas L, Alerni N, Horváth A, Vashanthakumar V, Nimani S, Barbieri M, Bains S, Lopez R, Louradour J, Ördög B, Hof T, Maguy A, **Conte G**, Auricchio A, Schotten U, Odening KE. Sex and sex hormonal regulation of the atrial inward rectifier potassium current (IK1): insights into potential pro- arrhythmic mechanisms. *Cardiovasc Res*. 2025 Apr 24;cvaf074. doi: 10.1093/cvr/cvaf074. Epub ahead of print. PMID: 40272446. (IF 2023: 10,2)
219. Monaco C, Benali K, Cespon-Fernandez M, Bouteiller X, Del Monte A, Pannone L, Surget E, Mascia G, Notarstefano P, Menè R, Kneizeh K, Yokoyama M, Arnaud M, Vlachos K, Nakasone K, Verhaeghe L, Fitzgerald JL, Plant A, Della Rocca D, Cathala A, Samson S, Sieira J, Tixier R, Duchateau J, Pambrun T, **Conte G**, Chierchia GB, Hocini M, Porto I, Derval N, Mazzone P, Sacher F, Jaïs P, Brugada P, de Asmundis C, Haïssaguerre M; Bordeaux Electrophysiology Investigators. Characteristics of patients with Brugada Syndrome and monomorphic ventricular tachycardia. *Heart Rhythm*. 2025 Jun 20:S1547-5271(25)02604-9. doi: 10.1016/j.hrthm.2025.06.025. Epub ahead of print. PMID: 40544903. (IF 2023: 5,6)
220. Svennberg E, Han JK, Caiani EG, Engelhardt S, Ernst S, Friedman P, Garcia R, Ghanbari H, Hindricks G, Man SH, Millet J, Narayan SM, Ng GA, Noseworthy PA, Tjong FVY, Ramírez J, Singh JP, Trayanova N, Duncker D, Tfelt Hansen J, Barker J, Casado-Arroyo R, Chatterjee NA, **Conte G**, Diederichsen SZ, Linz D, Mahtani AU, Zorzi A. State of the Art of Artificial Intelligence in Clinical Electrophysiology in 2025: A Scientific Statement of the European Heart Rhythm Association (EHRA) of the ESC, the Heart Rhythm Society (HRS), and the ESC Working Group on E-Cardiology. *Europace*. 2025 May 7;27(5):euaf071. [IF 2023: 7,9]
221. Monachino G, Zanchi B, Wand M, **Conte G**, Tzovara A, Faraci FD. Overcoming data scarcity in life-threatening arrhythmia detection through transfer learning. *Commun Med (Lond)*. 2025 Jul 1;5(1):248. [IF 2023: 5,4]
222. Özkartal T, Bergonti M, Caputo ML, **Conte G**. A Transvenous Pacing Lead's Journey Leading to Perforation and Hematothorax. *JACC Case Rep*. 2025 May 21;30(11):103316.
223. **Conte G**, Metzner A, Anic A, Perrotta L, Penela D, Chun J. Diagnostic, pharmacological, and ablation approaches for idiopathic ventricular fibrillation: the 2024 European Heart Rhythm Association survey. *Europace*. 2025 May 7;27(5):euaf049. [IF 2023: 7,9]
224. Meyre PB, Aeschbacher S, Blum S, Reichlin T, Haller M, Rodondi N, Müller AS, Bernheim A, Beer JH, Moschovitis G, Ziegler A, Wahrenberger B, Rigamonti E, **Conte G**, Krisai P, Bonati LH, Osswald S, Kühne M, Conen D. Biomarker panels for improved risk prediction and enhanced

biological insights in patients with atrial fibrillation. *Nat Commun.* 2025 Jul 31;16(1):7042. [IF 2023:14.7]

225. Giammarino L, Matas L, Alerni N, Horváth A, Vashanthakumar V, Nimani S, Barbieri M, Bains S, Lopez R, Louradour J, Ördög B, Hof T, Maguy A, **Conte G**, Auricchio A, Schotten U, Odening KE. Sex and sex hormonal regulation of the atrial inward rectifier potassium current (IK1): insights into potential pro- arrhythmic mechanisms. *Cardiovasc Res.* 2025 Jul 31;121(8):1215-1227. [IF 2023:10.2]
226. Gasperetti A, Muller SA, Peretto G, Asatryan B, Protonotarios A, Laredo M, Tarlet PY, Syrris P, Carrick RT, Murray B, Tichnell C, Scheel P, Gigli M, Yap SC, Pilichou K, Basso C, Medo K, Jason M, Rossi VA, Saguner AM, Duru F, Abrams D, Cadrin-Tourigny J, Targetti M, Pieroni M, Graziosi M, Biagini E, Charron P, Cox M, Casella M, Tondo C, Ware JS, Prasad SK, Calò L, Smith E, Ingles J, Tandri H, Ader F, Peters S, Zentner D, Russo J, Ravaro S, Crotti L, Dittmann S, Schulze- Bahr E, Carruth ED, Krysov VA, Parikh VN, **Conte G**, Wilde A, van Tintelen JP, Te Riele ASJM, Sinagra G, Mestroni L, Taylor M, Merlo M, Adamo L, Calkins H, Bauce B, Arbelo E, Elliott PM, Gandjbakhch E, Lakdawala N, Helms A, James CA, Gilotra NA. Prognostic Role of Myocarditis-Like Episodes and Their Treatment in Patients With Pathogenic Desmoplakin Variants. *Circulation.* 2025 Aug 20. doi: 10.1161/CIRCULATIONAHA.125.073919. Epub ahead of print. PMID: 40832715. [IF 2023:35.5]

CONTRIBUTIONS TO BOOKS

Aldrovandi A, **Conte G**, Magnani G, Notarangelo F, Ardissino D. “Physiopathology of ischaemic heart disease”. Primula Edizioni, 2011.