



**Europass
Curriculum
Vitae**



Personal information

Surname(s) / First name(s) **Cauti Filippo Maria, MD, PhD**
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E-mail filippocauti@hotmail.it – filippocauti@gmail.com
Nationality Italian
Date of birth 15/06/1984
Gender Male

Occupational field

MD, PhD
EP Consultant
Senior EP assistant
VT and neuroautonomics program
Arrhythmology Dept
San Raffaele Hospital
Milan, Italy
PhD graduation 2024
Sapienza University - Rome, Italy
Jacc Clinical Electrophysiology - Editorial Consultant

EHRA Member
AIAC Member
Italian Young EP Area task force - AIAC 2018-2020/2020-2022
AIAC Lazio councilors 2020/22-2022/24
World Society Of Arrhythmia – Digital Media committee 2024/2025

EP Experience Afib ablation (conventional RF, Cryo, Electroporation with Farapulse system),
 VT ablation (RF, bipolar RF, surgical hybrid procedure),
 Epicardial VT procedure.
 Alchool ablation for PVC and atrial flutter (Marshall).
 Fluoroless SVT procedure
 Lead extraction (Spectranetics and Cook).
 CRM (CRT system with all the system, Conduction system pacing with Medtronic
 and Biotronik device).
 Percutaneous Stellate ganglion block
 Cardiac sympathetic denervation experience for Structural Heart disease VT patients

tongue Mother Italian
 Other language English

Work experience

Dates	From 18/05/2010 to May 18, 2015
Occupation or position held	Fellow in Cardiology - Electrophysiology
Main activities and responsibilities	Electrostimulation and Electrophysiology Unit
Name and address of employer	Division of Cardiology, Department of Clinical and Molecular Medicine, Faculty of Medicine and Psychology, University of Rome Sapienza, Sant'Andrea Hospital, Rome, Italy.
Type of business or sector	Cardiovascular Medicine
Dates	From November 2012 to May 18, 2015
Occupation or position held	Fellow in Electrophysiology
Main activities and responsibilities	Electrophysiology Unit, Fatebenefratelli Hospital
Name and address of employer	Division of Cardiology, Fatebenefratelli Hospital, San Giovanni Calibita. Isola Tiberina, Rome , Italy
Type of business or sector	Cardiovascular Medicine
Dates	From September 2015 to April 2015
Occupation or position held	Fellow in Electrophysiology
Main activities and responsibilities	Arrhythmology Dept , EP Lab

Name and address of employer	Division of Arrhythmology, San Raffaele Hospital, Milan Italy
Dates	From September 2015 to April 2015
Occupation or position held	EP Junior Consultant
Main activities and responsibilities	Arrhythmology Dept , EP Lab.
Name and address of employer	Division of Arrhythmology, San Raffaele Hospital, Milan Italy
Type of business or sector	Electrophysiology
Dates	From June 2015 to Nov 2022
Occupation or position held	Cardiology – Electrophysiology consultant
Main activities and responsibilities	Electrophysiology Unit, Fatebenefratelli Hospital Head of the VT module
Name and address of employer	Division of Cardiology, Fatebenefratelli Hospital, San Giovanni Calibita. Isola Tiberina, Rome , Italy
Dates	From 1 dec 2022 - ongoing
Occupation or position held	EP Consultant
Main activities and responsibilities	Senior EP assistant. VT neuroautonomics program. EP consultant - Arrhythmology Dept , EP Lab
Name and address of employer	Division of Arrhythmology, San Raffaele Hospital, Milan Italy
Type of business or sector	Electrophysiology
Dates	July 22 nd 2009

	<p>Medical degree 110/110 cum laude</p> <p>May 18th 2015</p> <p>Cardiology degree 70/70 cum laude</p>
Honours and awards	<p>Basic Life Support Defibrillation Provider (IRC)– since 2007</p> <p>Advanced Life Support Provider (ERC) – since 2010</p> <p>Interventional EP Curriculum alumni– Atrial Fibrillation ablation – Abbott - Y 2016</p> <p>Abbott EMEA EP Trainee for AF and VT module –2017-2018-2019-2020-2021-2022-2023-2024</p> <p>Abbott EMEA IEPcurriculum Faculty 2023-2024</p> <p>Johnson and Johnson (BW) EMEA VT Faculty 2023-2024</p> <p>Abbott Proctor for Ep procedures since 2021</p> <p>Boston Scientific Proctor for CRM end EP</p> <p>Impulse Dynamics Consultant 2021</p> <p>EPD – Kodex. A Philips Company Consultant 2021-2022</p> <p>Best communication award – AIAC Young EP Italy 2020</p> <p>Stellate Ganglion Block for VT/VF storm - course 2022</p> <p>Premio Minerva con menzione di merito alla ricerca scientifica 2024 – Università Sapienza</p> <p>PhD graduation 2024 – Università Sapienza – Fisiopatologia ed Imaging Cardioracovascolare</p> <p>Jacc Electrophysiology – Editorial Consultant 2024</p>

N° 64 Publications
Update Dic 2024
Pubmed

Efficacy of percutaneous stellate ganglion block according to ventricular arrhythmia cycle length: A post hoc subanalysis of the STAR study.

Baldi E, Rordorf R, Compagnoni S, Dusi V, Sanzo A, Gentile FR, Frea S, Gravinese C, **Cauti FM**, Iannopolo G, De Sensi F, Gandolfi E, Frigerio L, Crea P, Zagari D, Casula M, Sangiorgi G, Persampieri S, Dell'Era G, Patti G, Colombo C, Mugnai G, Notaristefano F, Barengo A, Falcetti R, Girardengo G, D'Angelo G, Tanese N, Currao A, Sgromo V, De Ferrari GM, Savastano S; STAR study group. *Heart Rhythm*. 2024 Nov 15:S1547-5271(24)03568-9. doi: 10.1016/j.hrthm.2024.11.015. Online ahead of print. PMID: 39551122

Electrograms peak frequency analysis for ventricular tachycardia ablations: when technology improves our understanding of the physiology.

Martini N, Calore F, **Cauti FM**. *Europace*. 2024 Nov 1;26(11):euae286. doi: 10.1093/europace/euae286. PMID: 39523792 Free PMC article. No abstract available.

Magnetic Resonance-Guided Stereotactic Radioablation for Septal Ventricular Tachycardias.

Bianchi S, Marchesano D, Magnocavallo M, Polselli M, di Renzi P, Grimaldi G, **Cauti FM**, Borrazzo C, El Gawhary R, Bisignani A, Campoli M, Castelluccia A, Porcelli D, Rossi P, Gentile P. *JACC Clin Electrophysiol*. 2024 Sep 13:S2405-500X(24)00749-7. doi: 10.1016/j.jacep.2024.08.008. Online ahead of print. PMID: 39387741

Efficacy of early use of Percutaneous Stellate Ganglion Block for electrical storms. Baldi E, Dusi V, Rordorf R, Currao A, Compagnoni S, Sanzo A, Gentile FR, Frea S, Gravinese C, Angelini F, **Cauti FM**, Iannopolo G, De Sensi F, Gandolfi E, Frigerio L, Crea P, Zagari D, Casula M, Binaghi G, Sangiorgi G, Barone L, Persampieri S, Dell'Era G, Patti G, Colombo C, Mugnai G, Tavella D, Notaristefano F, Barengo A, Falcetti R, Girardengo G, D'Angelo G, Tanese N, Sgromo V, De Ferrari GM, Savastano S; all the STAR study group. *Eur Heart J Acute Cardiovasc Care*. 2024 Sep 24;zuae109. doi: 10.1093/ehjacc/zuae109. Online ahead of print. PMID: 393176562

A case of "regularly irregular" tachycardia with wide and narrow QRS complexes.

Mascaretti D, Ricchetti G, Slavich M, **Cauti FM**. *J Electrocardiol*. 2024 Sep 11;87:153806. doi: 10.1016/j.jelectrocard.2024.153806. Online ahead of print. PMID: 39278169 No abstract available.

Analysis of electrograms peak frequency during ventricular tachycardia ablation. Insights into human tridimensional ventricular tachycardia circuits.

Cauti FM, Martini N, Fioravanti F, Tanese N, Magnocavallo M, Rampa L, Calore F, Scalisi G, Peretto G, Barengo A, Hadjis A, Radinovic A, Della Bella P. *Heart Rhythm*. 2024 Jun 14:S1547-5271(24)02697-3. doi: 10.1016/j.hrthm.2024.06.014. Online ahead of print. PMID: 38880202 No abstract available.

Functional substrate analysis in patients with persistent atrial fibrillation.

Rossi P, Magnocavallo M, **Cauti FM**, Polselli M, Niscola M, Della Rocca DG, Del Greco A, Iaia L, Quaglione R, Gianfranco P, Bianchi S. *J Interv Card Electrophysiol*. 2024 May 29. doi: 10.1007/s10840-024-01819-6. Online ahead of print. PMID: 38811500

Electrical storm treatment by percutaneous stellate ganglion block: the STAR study.

Savastano S, Baldi E, Compagnoni S, Rordorf R, Sanzo A, Gentile FR, Dusi V, Frea S, Gravinese C, **Cauti FM**, Iannopolo G, De Sensi F, Gandolfi E, Frigerio L, Crea P, Zagari D, Casula M, Sangiorgi G, Persampieri S, Dell'Era G, Patti G, Colombo C, Mugnai G, Notaristefano F, Barengo A, Falcetti R, Perego GB, D'Angelo G, Tanese N, Currao A, Sgromo V, De Ferrari GM; STAR study group. *Eur Heart J*. 2024 Jan 30;ehae021. doi: 10.1093/eurheartj/ehae021. Online ahead of print. PMID: 38289867

Lower rate of major bleeding in very high risk patients undergoing left atrial appendage occlusion: A propensity score-matched comparison with direct oral anticoagulation.

Magnocavallo M, Della Rocca DG, Vetta G, Mohanty S, Gianni C, Polselli M, Rossi P, Parlavecchio A, Fazio MV, Guarracini F, De Vuono F, Bisignani A, Pannone L, Raposeiras-Roubin S, Lochy S, **Cauti FM**, Burkhardt JD, Boveda S, Sarkozy A, Sorgente A, Bianchi S, Chierchia GB, de Asmundis C, Al-Ahmad A, Di Biase L, Horton RP, Natale A. *Heart Rhythm*. 2024 Jan 20:S1547-5271(24)00070-5. doi: 10.1016/j.hrthm.2024.01.018. Online ahead of print. PMID: 38246567

Ablation of persistent atrial fibrillation based on atrial electrogram duration map: methodology and clinical outcomes from the AEDUM pilot study.

Rossi P, **Cauti FM**, Polselli M, Magnocavallo M, Niscola M, Fanti V, Limite LR, Evangelista A, Bellisario A, De Paolis R, Facchetti S, Quaglione R, Piccirillo G, Bianchi S. *J Interv Card Electrophysiol*. 2024 Jan 11. doi: 10.1007/s10840-023-01721-7. Online ahead of print. PMID: 38206451

Modified sympatricotomy in patients with refractory ventricular tachycardia and structural heart disease: a single-center experience.

Cauti FM, Rossi P, Bianchi S, Magnocavallo M, Capone S, Della Rocca DG, Polselli M, Bruno K, Tozzi P, Rossi C, Vannucci J, Pugliese F, Quaglione R, Venuta F, Anile M. **J Interv Card Electrophysiol.** 2023 Dec 1. doi: 10.1007/s10840-023-01706-6. Online ahead of print. PMID: 38040851

Pulmonary vein isolation by means of a novel cryoballoon technology in paroxysmal atrial fibrillation patients: 1-year outcome from a large Italian multicenter clinical registry. Bianchi S, De Simone A, Iacopino S, Fassini G, Malacrida M, Rossi P, Stabile G, Petretta A, Tundo F, **Cauti FM**, Iuliano S, Filannino P, Moltrasio M, Morlacchi Bonfanti M, Pelargonio G, Pecora D, Ferraro A, Tondo C. **Pacing Clin Electrophysiol.** 2023 Nov;46(11):1302-1309. doi: 10.1111/pace.14839. Epub 2023 Oct 17. PMID: 37846769 Free article.

"Function follows form": Role of cardiac magnetic resonance for ventricular arrhythmia risk stratification in patients with cardiac sarcoidosis.

Magnocavallo M, Vetta G, Polselli M, **Cauti FM**, Parlavecchio A, Caminiti R, Crea P, Pannone L, Sorgente A, Chimenti C, Chierchia GB, Rossi P, Natale A, de Asmundis C, Bianchi S, Della Rocca DG. **J Cardiovasc Electrophysiol.** 2023 Aug;34(8):1781-1784. doi: 10.1111/jce.16020. Epub 2023 Jul 26. PMID: 37493490

Ventricular Electrograms Duration Map to Detect Ventricular Arrhythmia Substrate: the VEDUM Project Study.

Rossi P, **Cauti FM**, Niscola M, Magnocavallo M, Polselli M, Capone S, Della Rocca DG, Rodriguez-Garrido J, Piccirillo G, Anguera I, Dallaglio P, Bianchi S. **Circ Arrhythm Electrophysiol.** 2023 Aug;16(8):447-455. doi: 10.1161/CIRCEP.122.011729. Epub 2023 Jul 24. PMID: 37485678

Axillary vein puncture versus cephalic vein cutdown for cardiac implantable electronic device implantation: A meta-analysis.

Vetta G, Magnocavallo M, Parlavecchio A, Caminiti R, Polselli M, Sorgente A, **Cauti FM**, Crea P, Pannone L, Marcon L, Savio AL, Pistelli L, Vetta F, Chierchia GB, Rossi P, Bianchi S, Natale A, de Asmundis C, Rocca DGD. **Pacing Clin Electrophysiol.** 2023 Aug;46(8):942-947. doi: 10.1111/pace.14728. Epub 2023 Jun 28. PMID: 37378419

New insertable cardiac monitors show high diagnostic yield and good safety profile in real-world clinical practice: results from the international prospective observational SMART Registry.

Quartieri F, Harish M, Calò L, Ebrahim I, Fusco A, Mester S, **Cauti F**, Park SJ, Francia P, Giovagnoni M, Adragao P, Vezi B, Lin W, Hutson CS, Grammatico A. **Europace.** 2023 May 19;25(5):euad068. doi: 10.1093/europace/euad068. PMID: 36935638 Free PMC article.

Neuromodulation Strategies for Refractory Ventricular Arrhythmias: Time to "Tune" the Volume?

Cauti FM, Rossi P, Stefano Bianchi. **JACC Clin Electrophysiol.** 2023 Feb;9(2):170-172. doi: 10.1016/j.jacep.2022.11.002. PMID: 36858682 No abstract available.

Matching Ablation Endpoints to Long-Term Outcome: The Prospective Multicenter Italian Ventricular Tachycardia Ablation Registry.

Radnovic A, Peretto G, Sgarito G, **Cauti FM**, Castro A, Narducci ML, Mantovan R, Scaglione M, Solimene F, Scopinaro A, Tondo C, Filippini G, Bianco E, Bonso A, Calzolari V, Ferraris F, Zardini M, Piacenti M, D'Angelo G, Bosica F, Della Bella P. **JACC Clin Electrophysiol.** 2023 Jun;9(6):836-847. doi: 10.1016/j.jacep.2022.10.038. Epub 2023 Jan 18. PMID: 36752462

De Sensi F, Limbruno U, **Cauti FM**

ICE-Guided Ablation of RVOT-Type Arrhythmias: A Call for a New Classification. **JACC Clin Electrophysiol.** 2022 Nov;8(11):1455. doi:

10.1016/j.jacep.2022.07.026. PMID: 36424016 No abstract available.

Boriani G, Guerra F, De Ponti R, D'Onofrio A, Accogli M, Bertini M, Bisignani G, Forleo GB, Landolina M, Lavalle C, Notarstefano P, Ricci RP, Zanutto G, Palmisano P; for **AIAC Ricerca Network Investigators**. Five waves of COVID-19 pandemic in Italy: results of a national survey evaluating the impact on activities related to arrhythmias, pacing, and electrophysiology promoted by AIAC (Italian Association of Arrhythmology and Cardiac Pacing). **Intern Emerg Med.** 2022 Nov 9. doi: 10.1007/s11739-022-03140-4. Epub ahead of print. PMID: 36352300.

Cauti FM, Capone S, Rossi P, Polselli M, Venuta F, Vannucci J, Bruno K, Pugliese F, Tozzi P, Bianchi S, Anile M; CardioCSD collaborators group. Cardiac sympathetic denervation for untreatable ventricular tachycardia in structural heart disease. Strengths and pitfalls of evolving surgical techniques. **J Interv Card Electrophysiol.** 2022 Oct 25. doi: 10.1007/s10840-022-01404-9. Epub ahead of print. PMID: 36282370.

Magnocavallo M, Parlavecchio A, Vetta G, Gianni C, Polselli M, De Vuono F, Pannone L, Mohanty S, **Cauti FM**, Caminiti R, Miraglia V, Monaco C, Chierchia GB,

Rossi P, Di Biase L, Bianchi S, de Asmundis C, Natale A, Della Rocca DG. Catheter Ablation versus Medical Therapy of Atrial Fibrillation in Patients with Heart Failure: An Updated Systematic Review and Meta-Analysis of Randomized Controlled Trials. **J Clin Med.** 2022 Sep 21;11(19):5530. doi: 10.3390/jcm11195530. PMID: 36233407; PMCID: PMC9572511.

Vetta G, Parlavecchio A, Magnocavallo M, Valente D, Caminiti R, Polselli M, Vetta F, Cirone D, **Cauti FM**, Crea P, Rossi P, Chierchia GB, Bianchi S, de Asmundis C, Natale A, Della Rocca DG. Subcutaneous versus transvenous implantable cardioverter defibrillators in children and young adults: A meta-analysis. **Pacing Clin Electrophysiol.** 2022 Oct 10. doi: 10.1111/pace.14603. Epub ahead of print. PMID: 36214206.

Santurri M, Bonga J, Schmid M, **Cauti FM**, Solimene F, Polselli M, Bura M, Piccolo F, Malacrida M, Pelargonio G, Spera FR, Bianchi S, Rossi P. Automated conduction velocity estimation based on isochronal activation of heart chambers. **J Interv Card Electrophysiol.** 2022 Sep 30. doi: 10.1007/s10840-022-01339-1. Epub ahead of print. PMID: 36178554.

Solimene F, Stabile G, Segreti L, Malacrida M, Schillaci V, Rossi P, Bongiorno MG, Shopova G, **Cauti FM**, Zucchelli G, Arestia A, Bianchi S, Di Cori A, Maddaluno F, De Simone A, Garcia-Bolao I. Targeted ablation of residual pulmonary vein potentials in atrial fibrillation ablation through ultra-high-density mapping: Insights from the CHARISMA registry. **J Cardiovasc Electrophysiol.** 2022 Jul;33(7):1414-1424. doi: 10.1111/jce.15527. Epub 2022 Jun 1. PMID: 35524404.

Solimene F, Stabile G, Ramos P, Segreti L, **Cauti FM**, De Sanctis V, Maggio R, Ramos-Maqueda J, Mont L, Schillaci V, Malacrida M, Garcia-Bolao I. Improved procedural workflow for catheter ablation of paroxysmal AF with high-density mapping system and advanced technology: Rationale and study design of a multicenter international study. **Clin Cardiol.** 2022 Jun;45(6):597-604. doi: 10.1002/clc.23806. Epub 2022 Apr 21. PMID: 35446440; PMCID: PMC9175242.

Rossi P, **Cauti FM**, Polselli M, Corradetti S, Bianchi S. Correction to: Local inhomogeneous conduction and non-uniform anisotropy in a normal voltage atrial map. **J Interv Card Electrophysiol.** 2022 Sep;64(3):761. doi: 10.1007/s10840-022-01194-0. Erratum for: J Interv Card Electrophysiol. 2022 Sep;64(3):759-760. PMID: 35368217.

Solimene F, De Sanctis V, Maggio R, Malacrida M, Segreti L, Anselmino M, Schillaci V, Mantica M, Scaglione M, Dello Russo A, **Cauti FM**, Zingarini G, Pandozi C, Cavaiani M, Ferraro A, Maglia G, Stabile G. When local impedance meets contact force: preliminary experience from the CHARISMA registry. **J Interv Card Electrophysiol.** 2022 Apr;63(3):749-758. doi: 10.1007/s10840-022-01163-7. Epub 2022 Mar 24. PMID: 35322330; PMCID: PMC9151535.

Rossi P, **Cauti FM**, Polselli M, Corradetti S, Bianchi S. Local inhomogeneous conduction and non-uniform anisotropy in a normal voltage atrial map. **J Interv Card Electrophysiol.** 2022 Sep;64(3):759-760. doi: 10.1007/s10840-022-01162-8. Epub 2022 Mar 4. Erratum in: J Interv Card Electrophysiol. 2022 Apr 4;: PMID: 35246770.

Bianchi S, **Cauti FM**. Ablation of ventricular tachycardia in 2021. **Eur Heart J Suppl.** 2021 Oct 8;23(Suppl E):E25-E27. doi: 10.1093/eurheartj/suab082. PMID: 35233211; PMCID: PMC8876297.

Zaltieri M, Rossi P, Bianchi S, Polselli M, Niscola M, Fanti V, Massaroni C, Schena E, **Cauti FM**. Spatial temperature reconstructions in myocardial tissues undergoing radiofrequency ablations by performing high-resolved temperature measurements. **J Interv Card Electrophysiol.** 2022 Jun;64(1):173-182. doi: 10.1007/s10840-022-01159-3. Epub 2022 Feb 17. PMID: 35175492.

Cauti FM, Rossi P, Anile M. Increasing Evidence of Limited Cardiac Sympathetic Denervation for Refractory VT. **Ann Thorac Surg.** 2022 Feb 8:S0003-4975(22)00172-2. doi: 10.1016/j.athoracsur.2022.01.025. Epub ahead of print. PMID: 35149046.

Zorzi A, Mattesi G, Baldi E, Toniolo M, Guerra F, **Cauti FM**, Cipriani A, De Lazzari M, Muser D, Stronati G, Marcantoni L, Manfrin M, Calò L, Lanzillo C, Perazzolo Marra M, Savastano S, Corrado D. Prognostic Role of Myocardial Edema as Evidenced by Early Cardiac Magnetic Resonance in Survivors of Out-of-Hospital Cardiac Arrest: A Multicenter Study. **J Am Heart Assoc.** 2021 Nov 16;10(22):e021861. doi: 10.1161/JAHA.121.021861. Epub 2021 Nov 15. PMID: 34779249; PMCID: PMC8751964.

Polselli M, **Cauti FM**, Rossi P, Maddalena R, Bianchi S. Epicardial

Termination of Left Atrial Appendage Atrial Tachycardia. **J Innov Card Rhythm Manag.** 2021 Oct 15;12(10):4710-4714. doi: 10.19102/icrm.2021.121004. PMID: 34712505; PMCID: PMC8545436.

Cauti FM, Rossi P, Polselli M, Vannucci J, Magri D, Venuta F, Anile M, Bianchi S. Reply: Significance of Stellate Ganglion Removal During Cardiac Sympathetic Denervation. **JACC Clin Electrophysiol.** 2021 Aug;7(8):1071-1072. doi: 10.1016/j.jacep.2021.07.001. PMID: 34412873.

Rossi P, **Cauti FM**, Niscola M, Calore F, Fanti V, Polselli M, Di Pastena A, Iaia L, Bianchi S. A novel Ventricular map of Electrograms Duration as a Method to identify areas of slow conduction for ventricular tachycardia ablation: The VEDUM pilot study. **Heart Rhythm.** 2021 Aug;18(8):1253-1260. doi: 10.1016/j.hrthm.2021.04.030. Epub 2021 May 4. PMID: 33957317.

Cauti FM, Rossi P, Bianchi S, Bruno K, Iaia L, Rossi C, Pugliese F, Quaglione R, Venuta F, Anile M. Outcome of a Modified Sympathectomy for Cardiac Neuromodulation of Untreatable Ventricular Tachycardia. **JACC Clin Electrophysiol.** 2021 Apr;7(4):442-449. doi: 10.1016/j.jacep.2020.08.022. Epub 2020 Oct 28. PMID: 33888265.

Solimene F, Giannotti Santoro M, De Simone A, Malacrida M, Stabile G, Pandozi C, Pelargonio G, **Cauti FM**, Scaglione M, Pecora D, Bongiorno MG, Arestia A, Grimaldi G, Russo M, Narducci ML, Segreti L. Pulmonary vein isolation in atrial fibrillation patients guided by a novel local impedance algorithm: 1-year outcome from the CHARISMA study. **J Cardiovasc Electrophysiol.** 2021 Jun;32(6):1540-1548. doi: 10.1111/jce.15041. Epub 2021 May 3. PMID: 33851484.

Cauti FM, Rossi P, La Greca C, Piro A, Di Belardino N, Battaglia A, Ferraris F, Pecora D, Lavalle C, Scalone A, Rossi L, Di Cori A, Solimene F, Mantovan R, Pedretti S, Iaia L, Bianchi S, Anselmino M. Minimal fluoroscopy approach for right-sided supraventricular tachycardia ablation with a novel ablation technology: Insights from the multicenter CHARISMA clinical registry. **J Cardiovasc Electrophysiol.** 2021 May;32(5):1296-1304. doi: 10.1111/jce.15023. Epub 2021 Apr 14. PMID: 33783875.

Cauti FM, Rossi P, Sommer P. The sympathetic nervous system and ventricular arrhythmias: an inseparable union. **Eur Heart J.** 2021 Sep 21;42(36):3588-3590. doi: 10.1093/eurheartj/ehab168. PMID: 33755139.

Zaltieri M, Massaroni C, **Cauti FM**, Schena E. Techniques for Temperature Monitoring of Myocardial Tissue Undergoing Radiofrequency Ablation Treatments: An Overview. **Sensors (Basel).** 2021 Feb 19;21(4):1453. doi: 10.3390/s21041453. PMID: 33669692; PMCID: PMC7922285.

Cauti FM, Bianchi S, Rossi P. Single-application Radiofrequency Interruption in a Broad Isthmus Ventricular Tachycardia by Targeting the Longest Electrogram Visualized Using a New Customized Software (VEDUMap). **J Innov Card Rhythm Manag.** 2021 Jan 15;12(Suppl 1):41-42. doi: 10.19102/icrm.2021.120117S. PMID: 33604119; PMCID: PMC7885970.

Rossi P, **Cauti FM**, Polselli M, Bianchi S. Map of Prolonged Electrogram Duration to Guide Atrial Substrate Ablation for Atrial Fibrillation Recurrence Following Durable Pulmonary Vein Isolation. **J Innov Card Rhythm Manag.** 2021 Jan 15;12(Suppl 1):35-36. doi: 10.19102/icrm.2021.120124S. PMID: 33604116; PMCID: PMC7885954.

Cauti FM, Solimene F, Stabile G, Polselli M, Schillaci V, Arestia A, Shopova G, Iaia L, Giannitti CM, Rossi P, Bianchi S. Occlusion tool software for pulmonary vein occlusion verification in atrial fibrillation cryoballoon ablation. **Pacing Clin Electrophysiol.** 2021 Jan;44(1):63-70. doi: 10.1111/pace.14130. Epub 2020 Dec 1. PMID: 33210304.

Zaltieri M, Allegretti G, Massaroni C, Schena E, **Cauti FM**. Fiber Bragg Grating Sensors for Millimetric-Scale Temperature Monitoring of Cardiac Tissue Undergoing Radiofrequency Ablation: A Feasibility Assessment. **Sensors (Basel).** 2020 Nov 13;20(22):6490. doi: 10.3390/s20226490. PMID: 33202980; PMCID: PMC7698062.

Boriani G, Palmisano P, Guerra F, Bertini M, Zanotto G, Lavalle C, Notarstefano P, Accogli M, Bisignani G, Forleo GB, Landolina M, D'Onofrio A, Ricci R, De Ponti R; **AIAC Ricerca Network Investigators**. Impact of COVID-19 pandemic on the clinical activities related to arrhythmias and electrophysiology in Italy: results of a survey promoted by AIAC (Italian Association of Arrhythmology and Cardiac Pacing). **Intern Emerg Med.** 2020 Nov;15(8):1445-1456. doi: 10.1007/s11739-020-02487-w. Epub 2020 Sep 5. PMID: 32889687; PMCID: PMC7474489.

Cauti FM, Rossi P, Polselli M, Iaia L, Giannitti CM, Bianchi S. Occlusion tool software for pulmonary vein occlusion verification in atrial fibrillation cryoballoon ablation to avoid the use of contrast injection. **HeartRhythm Case Rep.** 2020 May 23;6(8):516-519. doi: 10.1016/j.hrcr.2020.05.011. PMID: 32817831; PMCID: PMC7424306.

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