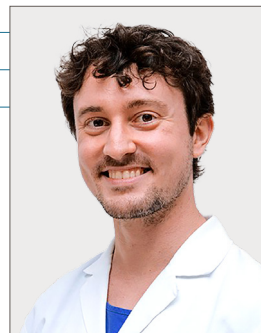


## CURRICULUM VITAE

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Marco Bergonti, MD

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## PERSONAL INFORMATION

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Citizenship status Italian  
Date of birth December 30<sup>th</sup>, 1991  
Place of birth Lecco, Italy

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H-index (SCOPUS 28.11.2024): 12

## WORKING EXPERIENCE

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Feb 2023 – present **Cardiologist and Cardiac electrophysiologist**  
Istituto Cardiocentro Ticino – Ente Ospedaliero Cantonale,  
Lugano, Switzerland

Jan 2022 – Jan 2023 **Cardiologist and Cardiac electrophysiologis**  
Antwerp University Hospital (UZA), Antwerp, Belgium

## EDUCATION

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Jan 2021 – Sept 2023 **PhD degree in Medical Sciences**  
University of Antwerp, Antwerpen, Belgium  
Professor Andrea Sarkozy and professor Hein Heidbuchel

Jan 2021 – Jan 2023 **Fellowship in Electrophysiology and Cardiac Pacing**  
Antwerp University Hospital (UZA), Edegem, Belgium  
Professor Andrea Sarkozy

|             |  |
|-------------|--|
| 2017 – 2021 | <b>Residency in Cardiology</b><br>Monzino Cardiology Centre, University of Milan, Milan, Italy   |
| 2010 – 2016 | <b>School of Medicine and Surgery</b><br>University of Milan, Milan, Italy<br>Degree: 110/110 cum laude <ul style="list-style-type: none"> <li>• Visiting Student (Sept-Oct 2016): Internal medicine and emergency medicine department – Ospedale Regionale di Lugano (EOC), Lugano, Switzerland</li> <li>• Visiting Student (Aug-Sept 2015): Coronary Care Unit – Mount Sinai Heart (Mount Sinai Hospital), Manhattan, New York</li> <li>• Visiting Student (Jul-Aug 2014): Gastroenterology and hepatology department – Hôpital la Pitié-Salpêtrière, Paris, France</li> </ul> |
| 2005 – 2010 | Scientific High School<br>Liceo Scientifico M.G. Agnesi, Merate, Italy   |

## LANGUAGES

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|         |               |
|---------|---------------|
| Italian | Mother tongue |
| English | Level C1      |
| French  | Level B1      |
| Dutch   | Level B2      |

## LICENSURE AND CERTIFICATE

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|                |   |
|----------------|---|
| 2024 – present | Certification as Expert in Radiation Protection for Medical Applications of High, Medium, and Low Doses – Federal Office of Public Health (FOPH), Switzerland |
| 2023 – present | Full registration with a license to practice cardiology in Switzerland  |
| 2022 – present | European Heart Rhythm Association (EHRA)-certified electrophysiologist  |
| 2020 – present | Full registration with a license to practice cardiology in Belgium<br>Antwerp Section, Inschrijvingsnummer: 104496  |
| 2016 – present | Italian board of Physicians, Surgeons and Orthodontists<br>Milan Section  |

## INDIVIDUAL SCIENTIFIC ACTIVITIES

---

**Adjunct Faculty** Università della Svizzera italiana (USI) (2024-present)

**Associate Editor for:** EP Europace (IF 7.9 – 2024)  
(2023-2024)

**Member of:** Education Committee of the European Heart Rhythm Association (EHRA)  
(2024-2026)  
Chair of the Young EP Network - Switzerland  
(2024)

**Invited Reviewer for:** JACC clinical electrophysiology  
EP Europace  
Heart Rhythm  
JACC Case Report  
JACC cardio-oncology  
European Heart Journal - Heart Failure  
Journal of the American Heart Association (JAHA)

**Honors & Awards** 2024 – Presenter at Young Investigator Award - Clinical Cardiology at EHRA  
2023 – Presenter at “late-breaking clinical trial” session at EHRA  
2022 – EHRA 2022 Young ECG Contest  
2022 – Best Poster Award at the 16th Belgian Heart Rhythm Meeting  
2021 – JACC ECG Teaching Competition

## PUBLICATIONS

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1. **Bergonti M**, Teruzzi G, Santagostino G, Grancini L, Ferrari C, Trabattoni D, Lualdi A, Bartorelli. Third- versus Second-Generation Stent Graft for Endovascular Aneurysm Repair: A Device-Specific Analysis. *Ann Vasc Surg*. 2017 Oct;44:67-76.
2. Toscano O, **Bergonti M**, G Teruzzi, D Trabattoni. An Unusual Cause of Suspected Pulmonary Hypertension. *JACC: Cardiovascular Interventions*. 2019 Feb 11;12(3):312-313.
3. **Bergonti M**, Toscano O, Teruzzi G, Trabattoni D. Never drop your guard down after atrial septal defect closure: a case report. *Eur Heart J Case Rep*. 2019 Jun 1;3(2).
4. **Bergonti M**, Assanelli E, Agostoni P. The Wrong Drug That Led to the Right Diagnosis. *Circulation*. 2019 Nov 5;140(19):1601-1604.

5. M Casella, A Dello Russo, **M Bergonti**, V Catto, E Conte, E Sommariva, A Gasperetti, G Vettor, F Tundo, R Sicuso, S Rizzo, S Mush-taq, D Della Rocca, G Pompilio, L Di Biase, D Andreini, A Natale, C Basso, C Tondo. Diagnostic Yield of Electroanatomic Voltage Mapping in Guiding Endomyocardial Biopsies. *Circulation*. 2020 Sep 29;142(13):1249-1260.
6. **M Bergonti**. Emergency Room visits in the COVID-19 pandemic. *European Heart Journal*. 2020 Nov 11. Online ahead of print.
7. M Casella, A Gasperetti, R Sicuso, E Conte, V Catto, E Sommariva, **M Bergonti**, G Vettor, S Rizzo, G Pompilio, D Andreini, AM Saguner, F Duru, A Natale, G Thiene, C Basso, A Dello Russo, C Tondo. Characteristics of Patients With Arrhythmogenic Left Ventricular Cardiomyopathy: Combining Genetic and Histopathologic Findings. *Circ Arrhythm Electrophysiol*. 2020 Dec 13. Online ahead of print.
8. M Casella, **M Bergonti**, ML Narducci, S Persampieri, A Gasperetti, E Conte, V Catto, C Carbuicchio, F Guerra, G Pontone, D Andreini, C Basso, L Di Biase, P Santangeli, A Natale, G Pelargonio, A Dello Russo, C Tondo. Prior myocarditis and ventricular arrhythmias: the importance of scar pattern. *Heart Rhythm*. 2020 Dec 18. Online ahead of print.
9. F Trombara, **M Bergonti**, O Toscano, A Dalla Cia, EM Assanelli, G Polvani, AL Bartorelli. Bloody tricuspid stenosis: case report of an uncommon cause of haemoptysis. *European Heart Journal - Case Reports*. 05 January 2021. Online ahead of print.
10. **Bergonti M**, Dello Russo A, Sicuso R, Ribatti V, Compagnucci P, Catto V, Gasperetti A, Zucchetti M, Cellucci S, Vettor G, Dessanai MA, Majocchi B, Moltrasio M, Russo E, Stronati G, Guerra F, Di Biase L, Natale A, Tondo C, Casella M. Long-Term Outcomes of Near-Zero Radiation Ablation of Paroxysmal Supraventricular Tachycardia: A Comparison With Fluoroscopy-Guided Approach. *JACC Clin Electrophysiol*. 2021 Apr 21.
11. Volpato G, Falanga U, Cipolletta L, Conti MA, Grifoni G, Ciliberti G, Urbinati A, Barbarossa A, Stronati G, Fogante M, **Bergonti M**, Catto V, Guerra F, Giovagnoni A, Dello Russo A, Casella M, Compagnucci P. Sports Activity and Arrhythmic Risk in Cardiomyopathies and Channelopathies: A Critical Review of European Guidelines on Sports Cardiology in Patients with Cardiovascular Diseases. *Medicina*. 2021 Mar 25.
12. Compagnucci P, Volpato G, Falanga U, Cipolletta L, Conti MA, Grifoni G, Ciliberti G, Stronati G, Fogante M, **Bergonti M**, Sommariva E, Guerra F, Giovagnoni A, Dello Russo A, Casella M. Myocardial Inflammation, Sports Practice, and Sudden Cardiac Death: 2021 Update. *Medicina*. 2021 Mar 17.
13. **M Bergonti**, M Casella, P Compagnucci, A Dello Russo, C Tondo. Electroanatomic Mapping System and Intracardiac-Echo to Guide Endomyocardial Biopsy. *Cardiac Electrophysiology Clinics*. April 24, 2021.

14. **M Bergonti**, C Ascione, P Agostoni, R Castelli, C Vignati. Massive Right Atrial Thrombosis: Are You Brave Enough to Start Anticoagulation? *Front Cardiovasc Med.* 2021 Jul 30;8:688351.
15. **M Bergonti**, J Saenen, H Heidbuchel, A Sarkozy. ST-Segment Elevation: One Sign, Many Shadows. *JACC Case Rep.* 2021 Sep 1;3(11):1360-1362.
16. **M Bergonti**, C Ascione, C Tondo, A Sarkozy. Wide Complex Tachycardia and Flecainide: A Dangerous Couple. *JACC Case Rep.* 2021 Sep 1;3(11):1373-1375.
17. **M Bergonti**, M Casella, A Dello Russo, R Maragna, A Gasperetti, P Compagnucci, V Catto, F Trombara, A Frappampina, E Conte, M Foggante, E Sommariva, S Rizzo, M De Gaspari, A Giovagnoni, D Andreini, G Pompilio, L Di Biase, A Natale, C Basso, C Tondo. Endomyocardial Biopsy: The Forgotten Piece in the Arrhythmogenic Cardiomyopathy Puzzle. *J Am Heart Assoc.* 2021 Oct 5;10(19):e021370.
18. M Tijskens, M Bergonti, F Spera, C Ascione, J Saenen, W Huybrechts, H Miljoen, S Riva, A Wittock, H Heidbuchel, C Tondo, A Sarkozy. Etiology and Outcome of Catheter Ablation in Patients With Onset of Atrial Fibrillation <45 Years of Age. *Am J Cardiol.* 2021 Dec 24;S0002-9149(21)01146-2.
19. **Bergonti M**, Sarkozy A. Reply: ST-Segment Elevation, Brugada Syndrome, and Propofol? Is This the Only Thing We Should Be Noticing? *JACC Case Rep.* 2022 Jan 19;4(2):112-113.
20. Compagnucci P, Dello Russo A, **Bergonti M**, Anselmino M, Zucchelli G, Gasperetti A, Cipolletta L, Volpato G, Ascione C, Ferraris F, Valeri Y, Bongiorno MG, Natale A, Tondo C, De Ferrari GM, Casella M. Ablation Index Predicts Successful Ablation of Focal Atrial Tachycardia: Results of a Multicenter Study. *J Clin Med.* 2022 Mar 24;11(7):1802. doi: 10.3390/jcm11071802.
21. **Bergonti M**, Spera F, Tijskens M, Bonomi A, Saenen J, Huybrechts W, Miljoen H, Wittock A, Casella M, Tondo C, Heidbuchel H, Sarkozy A. A new prediction model for left ventricular systolic function recovery after catheter ablation of atrial fibrillation in patients with heart failure. *Int J Cardiol.* 2022 Apr 17:S0167-5273(22)00554-X. doi: 10.1016/j.ijcard.2022.04.040. Online ahead of print.
22. **Bergonti M**, Heidbuchel H, Sarkozy A. Beware of superior vena cava isolation during cryoballoon ablation of the right superior pulmonary vein. *Heart Rhythm O2.* 2022 Jun 17;3(3):323-324.
23. **Bergonti M**, Heidbuchel H, Sarkozy A. Anterior mitral line pseudo-block: Pitfalls of the atrial differential pacing maneuver. *Heart Rhythm O2.* 2022 Dec 16;3(6Part A):713-714. doi: 10.1016/j.hroo.2022.08.009.
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Substrate to Predict the Success of Pulmonary Vein Isolation: The Prospective, Multicenter MASH-AF II (Multipolar Atrial Substrate High Density Mapping in Atrial Fibrillation) Study. *J Am Heart Assoc.* 2023 Jan 3;12(1):e027795. doi: 10.1161/JAHA.122.027795.

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31. Van Leuven O, **Bergonti M**, Spera F R, Gonzalez Ferrero T, Nsahlai M, Bilotta G, Tijsskens M, Boris W, Saenen J, Huybrechts W, Miljoen H, González-Juanatey J R, Martínez-Sande J L, Vandaele L, Wittcock A, Heidebuchel H, Valderrábano M, Rodríguez-Mañero M, Sarkozy A. Gender-Related Differences in Atrial Substrate in Patients with Atrial



Fibrillation. *Am J Cardiol.* 2023 Sep 15;203:451-458. doi: 10.1016/j.amjcard.2023.06.095. Epub 2023 Aug 2.

32. González-Ferrero T, **Bergonti M**, López-Canoa J N, García-Rodeja Arias F, Eiras Penas S, Spera F, González-Maestro A, Minguito-Carazo C, Martínez-Sande J L, González-Melchor L, García-Seara F J, Fernández-López J A, Álvarez-Castro E, González-Juanatey J R, Heidbuchel H, Sarkozy A, Rodríguez-Mañero M. Atrial fibrillation ablation in patients with arrhythmia-induced cardiomyopathy: a prospective multicentre study. *ESC Heart Fail.* 2023 Aug 18. doi: 10.1002/ehf2.14448. Online ahead of print.
33. **Bergonti M**, Ascione C, Compagnucci P, Marcon L, Van Leuven O, Saenen J, Huybrechts W, Miljoen H, Casella M, Valeri Y, Jaïs P, Sacher F, Heidbuchel H, Sarkozy A. Atrial fibrillation cycle-length (AF-CL) inside the pulmonary veins predicts paroxysmal AF ablation success—The INDUCE-AF Study. Accepted for publication on *Journal of Interventional Cardiac Electrophysiology*.
34. **Bergonti M**, Marcon L, Spera F, Saenen J, Huybrechts W, Miljoen H, Van Leuven O, Vandaele L, Wittcock A, Heidbuchel H, Sarkozy A. Dynamic changes of left atrial substrate over time following pulmonary vein isolation: The Progress-AF study. Accepted for publication on *EP Europace*.
35. Zanchi B, Faraci FD, 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 2;25(11).
36. **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, Beme P, Bisignani A, Baldi E, VanLeuven O, Migliore F, Marcon L, Dagradi F, Sfondrini I, Landra F, Comune A, Cesp6n-Femandez 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.
37. **Bergonti M**. Anterior mitral line and pulsed field ablation: Different energy source, similar results? *Heart Rhythm.* 2024 Mar 22;S1547-5271(24)00357-6.
38. **Bergonti M**, Conte G. Atrial fibrillation and heart failure: To build a CASTLE you need a solid foundation. *Heart Rhythm.* 2024 May 3;S1547-5271(24)02533-5.
39. Özkartal T, Demarchi A, Conte G, Pongan D, Klersy C, Caputo ML, **Bergonti M**, Bemasoni 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.
40. Conte G, **Bergonti M**. Implantable loop recorders in Brugada syndrome: symptoms and arrhythmia characterization. *Eur Heart J.* 2024 Jul 8

41. Gonzalez-Ferrero T, **Bergonti M**, Marcon L, Minguito-Carazo C, Tilves Bellas C, Pesquera Lorenzo JC, Martinez-Sande JL, Gonzalez-Melchor L, Garcia-Seara FJ, Fernandez-L6pez JA, Gonzalez-Juanatey JR, Heidbuchel H, Sarkozy A, Rodriguez-Maiiero M. Characterization of patients with extensive left atrial myopathy referred for atrial fibrillation ablation: incidence, predictors, and outcomes. *Clin Res Cardiol*. 2024 Jun 26.
42. **Bergonti M**, Cicone 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.
43. Özkartal T, D'Alto A, **Bergonti M**, Caputo ML, Conte G, Breitenstein A, Sticherling C, Haerberlin 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 Aug 14;415:132453.
44. Özkartal T, **Bergonti M**, Caputo ML, Ceriani L, Conte G. Blood stream 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.
45. **Bergonti M**, Conte G, 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 Nov 11:euae288.
46. 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.
47. **Bergonti M**, Conte G. Heart Failure, Atrial Fibrillation, and Predictors of Arrhythmia-Induced Cardiomyopathy. *JACC Clin Electrophysiol*. 2024 Jul;10(7 Pt 2):1757.