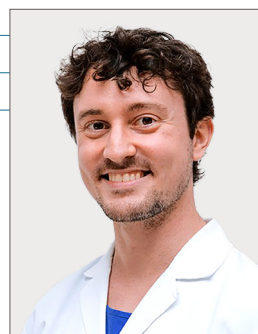


## CURRICULUM VITAE

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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 22.01.2024): 8

## WORKING EXPERIENCE AND EDUCATION

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

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

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

2017 – 2021 **Residency in Cardiology**  
Monzino Cardiology Centre, University of Milan, Milan, Italy

2010 – 2016	<b>School of Medicine and Surgery</b> University of Milan, Milan, Italy Degree: 110/110 cum laude
Sept – Oct 2016	Visiting Student: Internal medicine and emergency medicine department <b>Ospedale Regionale di Lugano (EOC)</b> , Lugano, Switzerland
Aug – Sept 2015	Visiting Student: Coronary Care Unit <b>Mount Sinai Heart (Mount Sinai Hospital)</b> , Manhattan, New York Professor Valentin Fuster and dr. Samin K. Sharma
Jul – Aug 2014	Visiting student: gastroenterology and hepatology department <b>Hôpital la Pitié-Salpêtrière</b> , Paris, France
2005 – 2010	Scientific High School Liceo Scientifico M. G. Agnesi, Merate, Italy

#### LANGUAGES

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

#### LICENSURE AND CERTIFICATE

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 Antwerp Section, Inschrijvingsnummer: 104496
2016 – present	Italian board of Physicians, Surgeons and Orthodontists Milan Section

#### INDIVIDUAL SCIENTIFIC REVIEWING ACTIVITIES

##### Associate Editor for

EP Europace (IF 5.5 – 2023)

##### Invited Reviewer for

JACC Case Report  
JACC clinical electrophysiology  
JACC cardio-oncology  
EP Europace

#### Honors & Awards

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

- 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.
- 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.
- 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).
- Bergonti M**, Assanelli E, Agostoni P. The Wrong Drug That Led to the Right Diagnosis. *Circulation*. 2019 Nov 5;140(19):1601-1604
- M Casella, A Dello Russo, **M Bergonti**, V Catto, E Conte, E Sommariva, A Gasperetti, G Vettor, F Tundo, R Sicuso, S Rizzo, S Mushtaq, 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
- M Bergonti**. Emergency Room visits in the COVID-19 pandemic. *European Heart Journal*. 2020 Nov 11. Online ahead of print.
- 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.
- M Casella, **M Bergonti**, ML Narducci, S Persampieri, A Gasperetti, E Conte, V Catto, C Carbucicchio, 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.
- 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 Fogante, 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.
24. **Bergonti M**, Spera FR, Ferrero TG, Nsahlai M, Bonomi A, Tijskens M, Boris W, Saenen J, Huybrechts W, Miljoen H, González-Juanatey JR, Martínez-Sande JL, Vandaele L, Wittock A, Heidbuchel H, Valderrábano M, Rodríguez-Mañero M, Sarkozy A. Characterization of Atrial 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.
25. **Bergonti M**, Spera FR, Ferrero TG, Nsahlai M, Bonomi A, Boris W, Saenen J, Huybrechts W, Miljoen H, Vandaele L, Wittock A, Heidbuchel H, Valderrábano M, Rodríguez-Mañero M, Sarkozy A. Anterior mitral line in patients with persistent atrial fibrillation and anterior scar: A multicenter matched comparison-The MiLine study. *Heart Rhythm.* 2023 Jan 11;S1547-5271(23)00028-0. doi: 10.1016/j.hrthm.2023.01.009. Online ahead of print.
26. Vermunicht P, Grecu M, Deharo JC, Buckley K, Palà K, **Bergonti M**, Engler D, Schnabel R, Heidbuchel H, Desteghe L; AFFECT-EU investigators. General practitioners' perceptions on opportunistic single-time point screening for atrial fibrillation: A European quantitative survey. *Front Cardiovasc Med.* 2023 Feb 15;10:1112561. doi: 10.3389/fcvm.2023.1112561. eCollection 2023.
27. Dello Russo A, Compagnucci P, **Bergonti M**, Cipolletta L, Parisi Q, Volpato G, Sarkozy A, Natale A, Casella M. Microelectrode voltage mapping for substrate assessment in catheter ablation of ventricular tachycardia: A dual-center experience. *J Cardiovasc Electrophysiol.* 2023 May;34(5):1216-1227. doi: 10.1111/jce.15908. Epub 2023 Apr 23.
28. Huybrechts W, **Bergonti M**, Saenen J, Miljoen H, Van Leuven O, Van Assche L, Van Herck P, Wittock A, De Cleen D, Sarkozy A, Heidbüchel H. Left Bundle Branch Area Defibrillator (LBBAD): A First-in-Human

Feasibility Study. *JACC Clin Electrophysiol.* 2023 May;9(5):620-627. doi: 10.1016/j.jacep.2023.01.006. Epub 2023 Mar 22.

29. **Bergonti M**, Ascione C, Marcon L, Pambrun T, Della Rocca D G, Gonzalez Ferrero T, Pannone L, Kühne M, Compagnucci P, Bonomi A, Gevaert A B, Anselmino M, Casella M, Krisai P, Tondo C, Rodríguez-Mañero M, Derval N, Chierchia G-B, de Asmundis C, Heidbuchel H, Jaïs P, Sarkozy A. Left ventricular functional recovery after atrial fibrillation catheter ablation in heart failure: a prediction model. *Eur Heart J.* 2023 Sep 14;44(35):3327-3335. doi: 10.1093/eurheartj/ehad428.
30. Ascione C, Kowalewski C, **Bergonti M**, Yokoyama M, Monaco C, Bouyer B, Chauvel R, Arnaud M, Buliard S, Tixier R, Vlachos K, Krisai P, Kamakura T, Takagi T, Duchateau J, Pambrun T, Derval N, Hocini M, Haïssaguerre M, Jaïs P, Sacher F. Omnipolar versus bipolar mapping to guide ventricular tachycardia ablation. *Heart Rhythm.* 2023 Jul 5;S1547-5271(23)02408-6. doi: 10.1016/j.hrthm.2023.06.022. Online ahead of print.
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, Wittock A, Heidbuchel 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, Wittock 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)