

Curriculum vitae

PERSONAL INFORMATION

Giulia Mattesi

 Indirizzo lavorativo: via Giustiniani 2, Padova 35121, Italy

 giulia.mattesi@aopd.veneto.it

Nationality: Italian

Date of Birth: 17th of May 1990

Gender: Female

POSITION

Cardiologist

Main interest in advanced echocardiography, cardiac computed tomography, cardiomyopathies

REGISTRATIONS

Order of Physicians, Surgeons and Dentists of Padua (Italy) (11504)
08/03/2016 – present

EDUCATION AND TRAINING

29th of March 2021 - Present

Consultant Cardiologist

Department of Cardiac, Thoracic, Vascular Sciences and Public Health
University of Padua, Padua, Italy

1st of November 2016 – 23th of November 2020

Clinical Fellow in Cardiology, Magna cum Laude

Department of Cardiac, Thoracic, Vascular Sciences and Public Health
University of Padua, Padua, Italy

12th of March 2015 – 11st of May 2015

Clinical Research, Cardiac MRI Scanning/Reporting Observership, Research Data Collection/Database Processing

Cardiac MRI Department
Bristol Heart Institute, Level 5, Bristol (U.K.)
Supervisors: Dr. Chiara Bucciarelli-Ducci, Dr. Anna Baritussio

Oct 2009 - 21 Jul 2015

Doctor in Medicine, Magna cum Laude

University of Padua, Padua, Italy
Supervisors: Prof. Domenico Corrado, Dr. Chiara Bucciarelli-Ducci

PERSONAL SKILLS

Mother tongue

Italian

Other languages

English – Proficient user (C1 level) – International English Language testing Exam (IELTS)
British Council (Score 7.5)
14/DEC/2019

Organizational skills

▪ Skills in organizing teamwork

ADDITIONAL INFORMATION

Publications

PAPERS

1) A. Baritussio, A. Zorzi, A. Ghosh Dastidar, A. Susana, **G. Mattesi**, J.C.L. Rodrigues, G. Biglino, A. Scatteia, E. De Garate, J. Strange, L. Cacciavillani, S. Iliceto, A. Nisbet, G.D. Angelini, D. Corrado, M. Perazzolo Marra, C. Bucciarelli-Ducci. Out of hospital cardiac arrest survivors with inconclusive coronary angiogram: impact of cardiovascular magnetic resonance on clinical management and decision-making. *Resuscitation*. 2017 Jul; 116:91-97. doi: 10.1016/j.resuscitation.2017.03.039.

2) A.M. Amadu, A. Baritussio, A. Ghosh Dastidar, G. Venuti, **G. Mattesi**, J.C.L. Rodrigues, C. Bucciarelli-Ducci. Assessment of Suspected Cardiac Mass with Multi-Parametric Cardiac Magnetic Resonance: Do we Really Need Invasive Endomyocardial Biopsy in Everyone? *Annals of Clinical and Laboratory Research* 2016;4(2):100.

3) F. Migliore*, **G. Mattesi** *, P. De Franceschi, G. Allocca, M. Crosato, V. Calzolari, M. Fantinel, B. Ortis, D. Facchin, E. Daleffe, T. Fabris, E. Marras, M. De Lazzari, F. Zanon, L. Marcantoni, M. Siciliano, D. Corrado, S. Iliceto, E. Bertaglia, M. Zecchin. Multicentre experience with the second-generation subcutaneous implantable cardioverter defibrillator and the intermuscular two-incision implantation technique. *J Cardiovasc Electrophysiol*. 2019 Jun;30(6):854-864. doi: 10.1111/jce.13894. ***equally first authors**

4) S. Ferretto, **G. Mattesi**, F. Migliore, A. Susana, M. De Lazzari, S. Iliceto, L. Leoni, E. Bertaglia. Clinical predictors of pocket hematoma after cardiac device implantation and replacement. February 2020 - Volume 21 - Issue 2 - p 123-127. doi: 10.2459/JCM.0000000000000914.

5) F. Migliore*, **G. Mattesi** *, A. Zorzi, S. Viani, MG. Bongiorno, P. Francia, A. Curcio, I. Diemberger, E. Bertaglia. The Subcutaneous Implantable Cardioverter-Defibrillator in Clinical Practice. *G Ital Cardiol* 2019;20(11):641-650. doi: 10.1714/3254.32225. ***equally first authors**

6) A. Zorzi, A. Cipriani, **G. Mattesi**, R. Vio, N. Bettella, D. Corrado. Arrhythmogenic cardiomyopathy and sports activity. *J Cardiovasc Transl Res*. 2020 Apr 16. doi: 10.1007/s12265-020-09995-2.

7) Cipriani A, Perazzolo Marra M, Bariani R, Mattesi G, Vio R, Bettella N, DE Lazzari M, Motta R, Bauce B, Zorzi A, Corrado D. Differential diagnosis of arrhythmogenic cardiomyopathy: phenocopies versus disease variants. *Minerva Med*. 2021 Apr;112(2):269-280. doi: 10.23736/S0026-4806.20.06782-8. Epub 2020 Jul 22. PMID: 32700864.

8) **G. Mattesi**, A. Zorzi., D. Corrado, A. Cipriani. Natural History of Arrhythmogenic Cardiomyopathy. *J Clin Med*. 2020 Mar 23;9(3):878. doi: 10.3390/jcm9030878.

9) **G. Mattesi**, A. Cipriani, B. Bauce, I. Rigato, A. Zorzi, D. Corrado. Arrhythmogenic Left Ventricular Cardiomyopathy: Genotype-Phenotype Correlations and New Diagnostic Criteria. *J Clin Med*. 2021 May 20;10(10):2212. doi: 10.3390/jcm10102212.

10) Migliore F, **Mattesi G***, Zorzi A, Bauce B, Rigato I, Corrado D, Cipriani A. Arrhythmogenic

Cardiomyopathy-Current Treatment and Future Options. *J Clin Med*. 2021 Jun 22;10(13):2750. doi: 10.3390/jcm10132750. PMID: 34206637; PMCID: PMC8268983.. ***equally first authors**

11) Zorzi A, Brunetti G, Cardaioli F, D'Arcangelo F, Fabris T, Gambato M, Iliceto S, Martini A, **Mattesi G**, Peluso C, Polacco M, Sartori C, Lorenzoni G, Feltracco P, Angeli P, Burra P, Cillo U, Pontisso P. Coronary artery calcium on standard chest computed tomography predicts cardiovascular events after liver transplantation. *Int J Cardiol*. 2021 Sep 15;339:219-224. doi: 10.1016/j.ijcard.2021.06.046. Epub 2021 Jun 26. PMID: 34181996.

12) A. Zorzi, **G. Mattesi**, E. Baldi, M. Toniolo, F. Guerra, F. M. Cauti, A. Cipriani, M. De Lazzari, D. Muser, G. Stronati, L. Marcantoni, M. Manfrin, L. Calò, C. Lanzillo, M. Perazzolo Marra, S. Savastano, D. Corrado. 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.

13) **Mattesi G**, Di Michele S, Mele D, Rigato I, Bariani R, Fiorencis A, Previtero M, Al Sergani A, Leoni L, Bauce B, Pergola V. Thyroid dysfunction on the heart: clinical effects, prognostic impact and management strategies. *Monaldi Arch Chest Dis*. 2022 Mar 24;92(4). doi: 10.4081/monaldi.2022.2145. PMID: 35347972.

14) Bariani R, Cason M, Rigato I, Cipriani A, Celeghin R, De Gaspari M, Bueno Marinas M, **Mattesi G**, Pergola V, Rizzo S, Zorzi A, Giorgi B, Rampazzo A, Thiene G, Iliceto S, Perazzolo Marra M, Corrado D, Basso C, Pilichou K, Bauce B. Clinical profile and long-term follow-up of a cohort of patients with desmoplakin cardiomyopathy. *Heart Rhythm*. 2022 Aug;19(8):1315-1324. doi: 10.1016/j.hrthm.2022.04.015. Epub 2022 Apr 22. PMID: 35470109.

15) Pergola V, Cabrelle G, **Mattesi G**, Cattarin S, Furlan A, Dellino CM, Continisio S, Montonati C, Giorgino A, Giraudo C, Leoni L, Bariani R, Barbiero G, Bauce B, Mele D, Perazzolo Marra M, De Conti G, Iliceto S, Motta R. Added Value of CCTA-Derived Features to Predict MACEs in Stable Patients Undergoing Coronary Computed Tomography. *Diagnostics (Basel)*. 2022 Jun 12;12(6):1446. doi: 10.3390/diagnostics12061446. PMID: 35741256; PMCID: PMC9222004.

16) Cipriani A, **Mattesi G**, Bariani R, Cecere A, Martini N, De Michieli L, Da Pozzo S, Corradin S, De Conti G, Zorzi A, Motta R, De Lazzari M, Bauce B, Iliceto S, Basso C, Corrado D, Perazzolo Marra M. Cardiac magnetic resonance imaging of arrhythmogenic cardiomyopathy: evolving diagnostic perspectives. *Eur Radiol*. 2023 Jan;33(1):270-282. doi: 10.1007/s00330-022-08958-2. Epub 2022 Jul 5. PMID: 35788758; PMCID: PMC9755099.

17) Zorzi A, **Mattesi G**, Frigo AC, Leoni L, Bertaglia E, De Lazzari M, Cipriani A, Iliceto S, Corrado D, Migliore F. Impact of coronavirus disease 19 outbreak on arrhythmic events and mortality among implantable cardioverter defibrillator patients followed up by remote monitoring: a single center study from the Veneto region of Italy. *J Cardiovasc Med (Hagerstown)*. 2022 Aug 1;23(8):546-550. doi: 10.2459/JCM.0000000000001348. PMID: 35905001.

18) Bariani R, Bueno Marinas M, Rigato I, Veronese P, Celeghin R, Cipriani A, Cason M, Pergola V, **Mattesi G**, Deola P, Zorzi A, Limongelli G, Iliceto S, Corrado D, Basso C, Pilichou K, Bauce B. Pregnancy in Women with Arrhythmogenic Left Ventricular Cardiomyopathy. *J Clin Med*. 2022 Nov 14;11(22):6735. doi: 10.3390/jcm11226735. PMID: 36431211; PMCID: PMC9698035.

19) Pergola V, **Mattesi G***, Cabrelle G, Corradin S, De Conti G, Cacciavillani L, Deola P, Cecchetto A, Iliceto S, Mele D, Motta R. Pericardial Cyst or Something Else? Do Not Forget Echocontrast in the Drawer! *Circ Cardiovasc Imaging*. 2022 Oct;15(10):e014261. doi: 10.1161/CIRCIMAGING.122.014261. Epub 2022 Oct 18. PMID: 36256727. ***corresponding author**

20) Pergola V, Continisio S, Mantovani F, Motta R, **Mattesi G**, Marrazzo G, Dellino CM, Montonati C, De Conti G, Galzerano D, Parato VM, Gimelli A, Barchitta A, Campana M, D'Andrea A. Spontaneous coronary artery dissection: the emerging role of coronary computed tomography. *Eur Heart J Cardiovasc Imaging*. 2023 Jun 21;24(7):839-850. doi: 10.1093/ehjci/jead060. PMID: 37082977.

21) Corrado D, Zorzi A, Cipriani A, Bauce B, Bariani R, Brunetti G, Graziano F, De Lazzari M, **Mattesi G**, Migliore F, Pilichou K, Rigato I, Rizzo S, Thiene G, Perazzolo Marra M, Basso C.

Scarring/arrhythmogenic cardiomyopathy. Eur Heart J Suppl. 2023 Apr 26;25(Suppl C):C144-C154. doi: 10.1093/eurheartjsupp/suad017. PMID: 37125320; PMCID: PMC10132624.

22) Pergola V, **Mattesi G**, Cozza E, Pradegan N, Tessari C, Dellino CM, Savo MT, Amato F, Cecere A, Perazzolo Marra M, Tona F, Guaricci AI, De Conti G, Gerosa G, Iliceto S, Motta R. New Non-Invasive Imaging Technologies in Cardiac Transplant Follow-Up: Acquired Evidence and Future Options. Diagnostics (Basel). 2023 Aug 31;13(17):2818. doi: 10.3390/diagnostics13172818. PMID: 37685356; PMCID: PMC10487200.

23) **Mattesi G**, Savo MT, De Amicis M, Amato F, Cozza E, Corradin S, Da Pozzo S, Previtero M, Bariani R, De Conti G, Rigato I, Pergola V, Motta R. Coronary artery calcium score: we know where we are but not where we may be. Monaldi Arch Chest Dis. 2023 Sep 6. doi: 10.4081/monaldi.2023.2720. Epub ahead of print. PMID: 37675928.

24) Gianni A, Botteri M, Stirparo G, **Mattesi G**, Zorzi A, Villa GF. The Impact of the Italian Law Mandating an Automatic External Defibrillator in All Sports Venues on Sudden Cardiac Arrest Resuscitation Rates. Eur J Prev Cardiol. 2023 Sep 27;zwad313. doi: 10.1093/eurjpc/zwad313. Epub ahead of print. PMID: 37758503.

25) Pergola V, Cameli M, **Mattesi G**, Mushtaq S, D'Andrea A, Guaricci AI, Pastore MC, Amato F, Dellino CM, Motta R, Perazzolo Marra M, Dellegrottaglie S, Pedrinelli R, Iliceto S, Nodari S, Perrone Filardi P, Pontone G, On Behalf Of The Cluster Imaging Of Italian Society Of Cardiology Sic. Multimodality Imaging in Advanced Heart Failure for Diagnosis, Management and Follow-Up: A Comprehensive Review. J Clin Med. 2023 Dec 12;12(24):7641. doi: 10.3390/jcm12247641. PMID: 38137711; PMCID: PMC10743799.

26) **Mattesi G**, Pergola V, Bariani R, Martini M, Motta R, Marra MP, Rigato I, Bauce B. Multimodality imaging in arrhythmogenic cardiomyopathy - From diagnosis to management. Int J Cardiol. 2024 Apr 5;132023. doi: 10.1016/j.ijcard.2024.132023. Epub ahead of print. PMID: 38583594.

27) Pergola V, Martini M, Amato F, Cozac DA, Deola P, Rigato I, **Mattesi G**, Savo MT, Lassandro E, Marzari V, Corradin S, De Conti G, Perazzolo Marra M, Motta R, Bauce B. Strain Analysis for Early Detection of Fibrosis in Arrhythmogenic Cardiomyopathy: Insights from a Preliminary Study. J Clin Med. 2024 Dec 6;13(23):7436. doi: 10.3390/jcm13237436. PMID: 39685894; PMCID: PMC11642217.

28) Martini M, Rigato I, Masini M, De Lazzari M, **Mattesi G**, Pilichou K, Pittorru R, Migliore F, Bauce B. Risk stratification in arrhythmogenic cardiomyopathy: scoring or personalized medicine? Eur Heart J Suppl. 2025 Feb 19;27(Suppl 1):i36-i39. doi: 10.1093/eurheartjsupp/suae098. PMID: 39980766; PMCID: PMC11836712.

BOOK CHAPTERS

1) **G. Mattesi**, A. Cipriani, A. Zorzi, D. Corrado. Arrhythmogenic right ventricular cardiomyopathy. Management of Cardiac Arrhythmias 3rd Edition. Springer, 2020.

2) R. Bariani, **G. Mattesi**, A. Cipriani, B. Bauce. Right Ventricular Cardiomyopathies. The Right Heart. Aug 2021. DOI: 10.1007/978-3-030-78255-9_15.

Conference presentations

INTERNATIONAL MEETINGS

1) Athlete with premature ventricular beats originating from the left ventricle. ORAL presentation. CRY International Conference, London, UK, 17/10/2019.

2) The magnifying glass in hypertrophic cardiomyopathy. POSTER presentation. EuroCMR 2019, Venezia, Italy, 2/05/2019.

3) Prognostic role of left ventricular late gadolinium enhancement (LV-LGE) in patients who received

implantable cardioverter defibrillator (ICD) for secondary prevention. POSTER presentation. *ESC Congress 2020*.

4) The fingerprint left by coronary artery spasm: the smoking gun in a case of methylergonovine-induced cardiac arrest after elective abortion. ORAL Clinical Case presentation. *EuroCMR 2021*, 6-8 May 2021.

5) Microinvasive neochords implantation to “restore” valve competence in patients with primary mitral regurgitation and favorable anatomy: 10-year results. POSTER presentation. The American Association for Thoracic Surgery. 104th Annual Meeting, Metro Toronto Convention Center, Toronto, ON, Canada.

NATIONAL MEETINGS

1) Multicentre experience with the second-generation subcutaneous implantable cardioverter defibrillator and the intermuscular two-incision implantation technique. ORAL presentation. *Italian Society of Cardiology Annual Meeting*, Rome, Italy, 16/12/2018

2) Multicentre experience with the second-generation subcutaneous implantable cardioverter defibrillator and the intermuscular two-incision implantation technique. ORAL presentation. *Italian Association of Arrhythmology and Cardiac Pacing Annual Meeting*, Bologna, Italy, 11/04/2019

3) Multimodality imaging nella cardiomiopatia aritmogena. ORAL presentation. *SIECVI*. 13/10/2022

4) Strain Imaging Unveils Right And Left Ventricular Involvement In Arrhythmogenic Cardiomyopathy. ORAL presentation. *Italian Society of Cardiology Annual Meeting*, Rome, Italy, 15/12/2023.

5) Arrhythmogenic Cardiomyopathy CT vs MRI. ORAL presentation. 2nd Padua Cardiac CT Congress , Padua, Italy, 4-5 Oct 2024

Continuous Professional Development

INTERNATIONAL CONFERENCES ATTENDED

- EuroCMR 2019, Venice, Italy 2-4 May 2019
- EuroCMR 2021, 6 – 8 May 2021

NATIONAL CONFERENCES ATTENDED

- 55° CONVEGNO CARDIOLOGIA 2021, Milan, 20 – 23 September 2021
- Italian Society of Sport Cardiology (SIC Sport) Annual Meeting 2019, Roma, Italy, 13-14 June 2019
- Association of Arrhythmology and Cardiac Pacing (AIAC) Annual Meeting 2019, Bologna, Italy, 11-12 April 2019
- Italian Society of Cardiology (SIC) Annual Meeting, Rome, Italy, 14-17 Dec 2018
- Association of Arrhythmology and Cardiac Pacing (AIAC) Annual Meeting 2018, Bologna, Italy, 12-14 April 2018
- Italian Society of Cardiology (SIC) Annual Meeting, Rome, Italy, 14-17 Dec 2023
- 2nd Padua Cardiac CT Congress , Padua, Italy, 4-5 Oct 2024
- Italian Society of Cardiology (SIC) Annual Meeting, Rome, Italy, Dec 2024
- Heart Discovery Gestione e conoscenza del paziente e della sua complessità, Parma, 21-22 Feb 2025
- Corso teorico pratico Incontro con i maestri dell'ecocardiografia Verona, 1st Mar 2025

REGIONAL CONFERENCES ATTENDED

- London CMR, London, UK, 31st Mar 2015

Teaching Assignments

- Master in Ecocardiografia Base 2024 “Valutazione della cardiomiopatia aritmogena”
- Master in “Ecocardiografia da stress, transesofagea e avanzata” aa 2022/2023.
- “Valutazione della cardiomiopatia aritmogena del ventricolo destro” nell’ambito dell’attività formativa del Master in Ecocardiografia base ed avanzata aa 2022/2023
- “Valutazione della cardiomiopatia aritmogena del ventricolo destro” nell’ambito dell’attività formativa del Master in Ecocardiografia base ed avanzata - Live streaming for echo lab 2023/2024
- Docenza all’evento “La Valvulopatia tricuspidalica”, 7-8/6/2024
- “Aortic regurgitation” nell’ambito dell’attività formativa del Master in ecocardiografia base ed avanzata 2024/2025
- Master di II livello “Ecocardiografia da stress, transesofagea, avanzata e multimodality imaging cardiaco integrato” 2024/2025
- Master II livello “Cardiopatie aritmiche rare: aspetti clinici, diagnostici e terapeutici” 2024/2025
- Docenza all’evento “Approfondimenti in ecocardiografia cardiovascolare transtoracica” 5-6/2/2025, Padova

Honours and awards

Recipient of the **2019 Castelli Foundation SIC Scholarship**

Certifications

- UK Cardiac CT Course Level 2 – Part A and B lectures
- EACVI Level I Certification in Cardiac Magnetic Resonance, 4th May 2019 (Venezia, Italy)
- Certificate of Training in Adult Congenital Heart Disease, 16th March 2015 (Bristol, UK)
- Authorized Provider of CPR and ACLS, American Heart Association

Memberships

An active member of the:

- Italian Society of Echocardiography and Cardiovascular Imaging (SIECVI)