

CV Supplement

Giandomenico Bisaccia, MD, PhD

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Participation in certified courses, workshops, and hackathons

- Stress CMR: A Hands-On Workshop, SCMR, ACC Heart House, Washington D.C., USA 4-5 October 2024
- HFA Clinical Trials in Heart Failure Course, Naples, Italy 20-22 September 2024
- R in HTA Hackathon, Queen's University Belfast, UK 5-6 August 2024
- R for trial and model-based cost-effectiveness analysis workshop, ScHARR, University of Sheffield, UK 28 June 2024
- Productive R Workflow course, online certification April 2024
- Clinical CMR Course (3 months, full-time), Royal Brompton Hospital, London, UK October-December 2022

Professional affiliations

- Member of the
 - British Cardiovascular Society 2024-present
 - American Heart Association 2023-present
 - American College of Cardiology (Fellow in Training) 2022-present
 - Society for Cardiovascular Magnetic Resonance (Early Career working group) 2022-present
 - European Society of Cardiology (Professional member) 2021-present
 - European Association of Cardiovascular Imaging 2021-present
 - Italian Society of Cardiology (CMR, Sex differences working groups) 2021-present
- Other affiliations
 - HTA working group, R consortium 2024-present
 - NHS-R Community 2024-present
 - IMSOGB - Italian Medical Society of Great Britain 2024-present

Editorial activity

- Editor, SCMR Journal Watch (monthly newsletter «SCMR NewsBeat») 2024-present

Peer Reviews

Peer review activity for the following journals in the last 5 years:

- European Heart Journal
- Open Heart
- Journal of Clinical Medicine
- Frontiers in Public Health
- Children

Scientific publications

I have authored 20 Scopus-indexed scientific publications, where I contributed to literature review, statistical analyses, manuscript drafting, and/or preparation of tables, visual illustrations, and figures. My publications may also be accessed on [NCBI](#).

ORIGINAL RESEARCH

Safety and feasibility of adenosine stress cardiac MRI in heart transplant recipients (2024). G. Bisaccia, R. Licordari, I. Leo, G. La Vecchia, M. Perotto, M. C. Procopio, N. Miari, F. Ricci, S. Gallina, J. Wong, P. Kellman and C. Bucciarelli-Ducci. *European Heart Journal - Cardiovascular Imaging*.

Atrial electro-functional predictors of incident atrial fibrillation in cardiac amyloidosis (2024). G. Sinigiani, L. De Michieli, A. Porcari, C. Zocchi, A. Sorella, C. Mazzoni, **G. Bisaccia**, A. De Luca, G. Di Bella, D. Gregori, F. Perfetto, M. Merlo, G. Sinagra, S. Iliceto, M. Perazzolo Marra, D. Corrado, F. Ricci, F. Cappelli and A. Cipriani. *Heart Rhythm*.

Guillain–Barré syndrome and COVID-19 vaccination: a systematic review and meta-analysis (2024). S. Censi, **G. Bisaccia**, S. Gallina, V. Tomassini and A. Uncini. *Journal of Neurology*.

Cardiovascular Magnetic Resonance in Patients with Cardiac Electronic Devices: Evidence from a Multicenter Study (2023). A. Barison, F. Ricci, A. G. Pavon, G. Muscogiuri, **G. Bisaccia**, G. Camastra, M. De Lazzari, C. Lanzillo, M. Raguso, L. Monti, S. Vargiu, P. Pedrotti, M. Piacenti, G. Todiere, G. Pontone, C. Indolfi, S. Dellegrottaglie, M. Lombardi, J. Schwitter, G. D. Aquaro, *Heart*.

Diagnostic and Prognostic Value of Stress Cardiovascular Magnetic Resonance Imaging in Patients With Known or Suspected Coronary Artery Disease: A Systematic Review and Meta-analysis (2023). F. Ricci, M. Y. Khanji, **G. Bisaccia**, A. Cipriani, A. Di Cesare, L. Ceriello, C. Mantini, M. Zimarino, A. Fedorowski, S. Gallina, S. E. Petersen and C. Bucciarelli-Ducci. *JAMA Cardiology*.

Prognostic Significance of Late Gadolinium Enhancement in Fabry Disease-A Systematic Review and Meta-Analysis (2023). F. Ricci, **G. Bisaccia**, D. Mansour, L. V. Molinari, M. Di Mauro, G. Renda, M. Y. Khanji and S. Gallina. *The American Journal of Cardiology*.

CMR Reclassifies the Majority of Patients with Suspected MINOCA and non MINOCA (2023). K. Liang, **G. Bisaccia**, I. Leo, M. G. L. Williams, A. Dastidar, J. W. Strange, E. Sammut, T. W. Johnson and C. Bucciarelli-Ducci. *European Heart Journal - Cardiovascular Imaging*.

Guillain-Barre syndrome and SARS-CoV-2 infection: a systematic review and meta-analysis on a debated issue and evidence for the ‘Italian factor’ (2023). S. Censi, **G. Bisaccia**, S. Gallina, V. Tomassini and A. Uncini. *European Journal of Neurology*.

Cardiovascular Morbidity and Mortality Related to Non-alcoholic Fatty Liver Disease: A Systematic Review and Meta-analysis (2023). **G. Bisaccia**, F. Ricci, M. Y. Khanji, A. Sorella, E. Melchiorre, G. Iannetti, K. Galanti, C. Mantini, A. D. Pizzi, C. Tana, G. Renda, A. Fedorowski, R. De Caterina and S. Gallina. *Current Problems in Cardiology*.

Cardiovascular magnetic resonance reference values of mitral and tricuspid annular dimensions: the UK Biobank cohort (2021). F. Ricci, N. Aung, S. Gallina, F. Zemrak, K. Fung, **G. Bisaccia**, J. M. Paiva, M. Y. Khanji, C. Mantini and S. Palermi. *Journal of Cardiovascular Magnetic Resonance*.

REVIEWS

Cardiac Magnetic Resonance Imaging: A Utility in Heart Failure (2024). **G. Bisaccia** and C. Bucciarelli-Ducci. *Heart Failure Journal of India*.

Prevention of cardiotoxicity in childhood cancer survivors: in physical exercise, we trust (2024). V. Bucciarelli, F. Bianco, **G. Bisaccia**, K. Galanti, A. Arata, M. Ricci, B. Bucciarelli, M. Marinelli, G. Renda, A. Farinetti, A. V. Mattioli and S. Gallina. *Current Problems in Cardiology*.

Moderate aortic stenosis: Navigating the uncharted (2024). M. V. Caprio, F. De Donno, **G. Bisaccia**, C. Mantini, A. Di Baldassarre, S. Gallina, M. Y. Khanji and F. Ricci. *Echocardiography*.

Underlying mechanisms and cardioprotective effects of SGLT2i and GLP-1Ra: insights from cardiovascular magnetic resonance (2024). A. Cersosimo, N. Salerno, J. Sabatino, A. Scatteia, **G. Bisaccia**, S. De Rosa, S. Dellegrottaglie, C. Bucciarelli-Ducci, D. Torella and I. Leo. *Cardiovascular Diabetology*.

The Role of Multimodality Imaging in Pediatric Cardiomyopathies (2023). S. Moscatelli, I. Leo, F. Bianco, N. Borrelli, M. Beltrami, M. Garofalo, E. G. Milano, **G. Bisaccia**, F. Iellamo, P. P. Bassareo, A. Pradhan, A. Cimini and M. A. Perrone. *Journal of Clinical Medicine*.

The Role of Advanced Cardiovascular Imaging Modalities in Cardio-Oncology: From Early Detection to Unravelling Mechanisms of Cardiotoxicity (2023). I. Leo, M. Vidula, **G. Bisaccia**, M. C. Procopio, R. Licordari, M. Perotto, G. La Vecchia,

N. Miaris, P. E. Bravo and C. Bucciarelli-Ducci. *Journal of Clinical Medicine*.

Imaging patients with myocardial infarction with non-obstructive coronary arteries (MINOCA) (2023). I. Leo, **G. Bisaccia**, N. Miaris, M. C. Procopio, R. Licordari and C. Bucciarelli-Ducci. *Heart*.

Prognostic Value of High-Sensitivity Cardiac Troponin in Women (2022). **G. Bisaccia**, F. Ricci, M. Y. Khanji, G. Gaggi, A. Di Credico, S. Gallina, A. Di Baldassarre and B. Ghinassi. *Biomolecules*.

Post-Acute Sequelae of COVID-19 and Cardiovascular Autonomic Dysfunction: What Do We Know? (2021). **G. Bisaccia**, F. Ricci, V. Recce, A. Serio, G. Iannetti, A. A. Chahal, M. Stahlberg, M. Y. Khanji, A. Fedorowski and S. Gallina. *Journal of Cardiovascular Development and Disease*.

Mitochondrial Dysfunction and Heart Disease: Critical Appraisal of an Overlooked Association (2021). **G. Bisaccia**, F. Ricci, S. Gallina, A. Di Baldassarre and B. Ghinassi. *International Journal of Molecular Sciences*.

Nonalcoholic fatty liver disease and cardiovascular disease phenotypes (2020). **G. Bisaccia**, F. Ricci, C. Mantini, C. Tana, G. L. Romani, C. Schiavone and S. Gallina. *SAGE Open Medicine*.

Conference presentations

EUROPEAN SOCIETY OF CARDIOLOGY

Non-invasive imaging to guide percutaneous coronary revascularization in chronic total occlusion: a systematic review and meta-analysis. **G. Bisaccia**, J. Greenwood, C. Berry, GP. Mccann, J. Wong, F. Ricci, S. Gallina, L. Liu, Y. Wang, J. Hill, N. Curzen, C. Bucciarelli-Ducci. Presented at ESC Congress, London, UK (August 2024)

Prognostic yield of stress CMR to evaluate chronic coronary syndromes: a systematic review and meta-analysis. **G. Bisaccia**, M. Khanji, S. Gallina, S. Petersen, C. Bucciarelli-Ducci and F. Ricci. Presented at ESC Congress, Barcelona, Spain (August 2022)

Diagnostic accuracy of stress CMR to evaluate chronic coronary syndromes: an updated meta-analysis. **G. Bisaccia**, M. Khanji, S. Gallina, S. Petersen, C. Bucciarelli-Ducci and F. Ricci. Presented at ESC Congress, Barcelona, Spain (August 2022)

Cardiovascular morbidity and mortality related to non-alcoholic fatty liver disease: a systematic review and meta-analysis of prospective studies. **G. Bisaccia**, F. Ricci, E. Melchiorre, C. Tana, G. Renda, M. Khanji, A. Fedorowski, R. De Caterina and S. Gallina. Presented at ESC Congress (The Digital Experience) (August 2021)

AMERICAN HEART ASSOCIATION

Comparative and Incremental Diagnostic and Prognostic Yield of Exercise ECG, CMR and SPECT in Patients With Suspected Ischaemic Heart Disease: A CE-MARC Sub-Study. **G. Bisaccia**, P. P. Swoboda, C. Bucciarelli-Ducci, S. Plein and J. Greenwood. Presented at AHA Scientific Sessions, Philadelphia, USA (Nov 2023)

SOCIETY FOR CARDIOVASCULAR MAGNETIC RESONANCE

Prognostic Value of Myocardial Blood Flow Index Among Heart Transplant Recipients. **G. Bisaccia**, R. Licordari, I. Leo, G. La Vecchia, M. Perotto, M. C. Procopio, F. Ricci, S. Gallina, J. Wong and C. Bucciarelli-Ducci. Presented at CMR 2024, London, UK (Jan 2024).

Safety and Feasibility of Adenosine Stress CMR for CAV Detection in Orthotopic Heart Transplant Recipients. **G. Bisaccia**, R. Licordari, I. Leo, G. La Vecchia, M. Perotto, M. C. Procopio, F. Ricci, S. Gallina, J. Wong and C. Bucciarelli-Ducci. Presented at CMR 2024 London, UK (Jan 2024).

Diagnostic and Prognostic Value of Stress CMR Imaging to Evaluate Stable Chest Pain: A Twenty-Year Meta-Analysis. **G. Bisaccia**, F. Ricci, M. Y. Khanji, S. Gallina, S. E. Petersen, C. Bucciarelli-Ducci. Presented at SCMR 2023 San Diego, US (Jan 2023).

CMR reclassifies patients with suspected myocardial infarction with non-obstructive coronary arteries (MINOCA). **G. Bisaccia**, K. Liang, M. G. L. Williams, I. Leo, A. Dastidar, E. Sammut, T. Johnson and C. Bucciarelli-Ducci. Presented at EACVI, Barcelona, Spain (May 2023)