

PERSONAL INFORMATION

Silvana Di Maio



JOB POSITION

Medical Doctor, specialist in Cardiology

WORK EXPERIENCE

12/2024 - ongoing

Cardiologist at Humanitas Research Hospital, Rozzano, Italy

Clinical and Research activity at Echocardiography, Cardiovascular Imaging

Main areas of Interest: Cardiovascular Imaging with a focus on transoesophageal echocardiography and cardiac magnetic resonance; heart valve diseases; interventional echocardiography and structural heart interventions. Acute and chronic heart failure. Main activities: transthoracic and transoesophageal echocardiography; cardiac magnetic resonance study acquisition and processing, stress echocardiography and cardiac magnetic resonance; intra-procedural interventional echocardiography; emergency and acute cardiac care rounds.

11/2019 – 11/2024

Cardiology Resident at University Vita-Salute San Raffaele

Resident at IRCCS San Raffaele Hospital

Main areas of Interest: Cardiovascular Imaging

03/2023 – 09/2023

Senior Clinical Fellow in Cardiac Magnetic Resonance

Clinical activity in the Department of Cardiovascular Imaging at St. Thomas's Hospital, Guy's and St Thomas' NHS Foundation Trust, London, United Kingdom

03/2023 – 09/2023

Visiting Research Fellow in Cardiac Magnetic Resonance

Research Activity in Cardiovascular Magnetic Resonance, King's College, Faculty of Life Sciences & Medicine School of Biomedical Engineering and Imaging Sciences, London, United Kingdom

Main research topics: valvular heart diseases; mitral valve prolapse; ventricular morphological characterization and late-gadolinium-enhancement microstructure analysis.

09/2021 – 12/2021

Clinical Fellow in Paediatric and Adult Congenital Heart Diseases

Clinical and Imaging activity as Cardiology resident at IRCCS San Donato Hospital

EDUCATION AND TRAINING

- 09/2018 – 02/2019 Board Examination for qualification for license to practice Medicine
University of Naples "Federico II", Italy. Vote: 270/ 270.
- 10/2012-07/2018 Master's degree in Medicine and Surgery
University of Naples "Federico II", Italy. Vote: 110 cum laude/ 110
- 08/2018 Observership in Cardiology – Acute Cardiac Care
Clinical activity in Cardiac Care Unit
University of Ioannina, Greece
- 09/2017 Observership in Endocrinology & Laboratory Medicine
Bench-side research activity in Endocrinology & Neuroendocrine tumours
Erasmus University, Rotterdam, Netherlands
- 08/2017 Observership in Physiology
Research activity in Neurophysiology and Neural Connections Analysis
Institute of Basic Medical Sciences, Domus Medica, University of Oslo, Norway
- 05/2017 – 05/2019 Observership in Internal Medicine
Honorary Visiting Student at University Hospital of Naples "Federico II", Department of Internal
Medicine and Endocrinology, Napoli, Italy
- 10/2015 – 06/2016 Erasmus Plus Program
University of Warsaw, Poland
- 09/2007 – 06/2012 High School Graduation
Liceo Classico GB Vico, Nocera Inferiore, Italy. Vote: 100/100

PERSONAL SKILLS

- Mother tongue(s) ▪ Italian
- Other language(s) ▪ English (Level C1, IELTS Band 8 – December 2022)
- Computer skills ▪ Competent with both Windows e MacOS operating systems;
▪ Good Command of Microsoft Office (Word™, Excel™ e PowerPoint™) and iWork (Pages™, Keynote™, iPhoto™) programmes.
- Driving Licence ▪ Good Command of IBM® SPSS® programme.
▪ B

ADDITIONAL INFORMATION

Publications in International Journals

- Advances in pharmacotherapy for cardiac amyloidosis. Spoladore R, Falasconi G, Marcatti M, **Di Maio S**, Fiore G, Slavich M, Margonato A, Turco A, Fragasso G. Expert Opin on Pharmacotherapy, 2021, 22(4), pp. 469–481
- Cardiac fibrosis: emerging agents in preclinical and clinical development. Spoladore R, Falasconi G, Fiore G, **Di Maio S**, Preda A, Slavich M, Margonato A, Fragasso G. Expert Opin Investig Drugs. 2021 Feb;30(2):153-166. doi: 10.1080/13543784.2021.1868432. PMID: 33356660
- Massive Spontaneous Subcutaneous Emphysema and Pneumomediastinum as Rare Complications of COVID-19 Pneumonia. **Di Maio S**, Esposito A, Margonato A, Godino C. J Cardiothorac Vasc Anesth. 2022 May;36(5):1415-1418. doi: 10.1053/j.jvca.2021.03.002. PMID: 33865683
- Cardiac and sudden death after chronic total occlusion percutaneous coronary intervention: Prognostic role of the target vessel. Scotti A, Godino C, Munafò A, Pivato CA, Chiarito M, Fiore G, **Di Maio S**, Vergara P, Della Bella P, Carlino M, Margonato A, Colombo A. Catheter Cardiovasc Interv. 2021 May 1;97(6):E789-E800. doi: 10.1002/ccd.29425. PMID: 33332744
- Real-Time Intravascular Ultrasound Guidance for Ultra-Low Contrast Complex Bifurcation Percutaneous Coronary Intervention. Beneduce A, Russo F, Ancona MB, Ferri LA, Bellini B, Vella C, **Di Maio S**, Carlino M, Chieffo A, Montorfano M. JACC Cardiovasc Interv. 2022 Jun 27;15(12):e151-e154. doi: 10.1016/j.jcin.2022.04.028. Epub 2022 May 25. PMID: 35643762
- Cerebral Embolic Protection Device During Transcatheter Mitral Valve-in-Valve Implantation in a Patient With Left Atrial Appendage Thrombosis. **Di Maio S**, Melillo F, Ancona M, Agricola E, Montorfano M. Can J Cardiol. 2022 Jan;38(1):133-134. doi: 10.1016/j.cjca.2021.10.003.
- A comprehensive and easy-to-use ECG algorithm to predict the coronary occlusion site in ST-segment elevation myocardial infarction. Gaspardone C, Romagnolo D, Fasolino A, Falasconi G, Beneduce A, Fiore G, Didelon E, Fortunato F, Galdieri C, Posteraro GA, Ingallina G, Ancona F, Biondi F, **Di Maio S**, Casiraghi A, Slavich M, Borio G, Savastano S, Leonardi S, Margonato A, Agricola E, Oppizzi M, Gaspardone A, Pappone C, Montorfano M. Am Heart J. 2023 Jan;255:94-105. doi: 10.1016/j.ahj.2022.10.077. PMID: 36272451
- Role of cardiological specialistic evaluation in patients with chest pain presenting in the emergency department. Fiore G, **Di Maio S**, Oppizzi M, De Angelis M, Spessot M, Spoladore R, Slavich M, Bianchi G, Setti E, Di Napoli D, Margonato A, Fragasso G. J Cardiovasc Med. 2022 Jun 1;23(6):363-370. doi: 10.2459/JCM.0000000000001299. Epub 2022 Jan 25. PMID: 35081073.
- Valve-in-valve transcatheter aortic valve implantation: The issues behind crossing a bioprosthesis. Vella C, Romano V, **Di Maio S**, Chieffo A, Montorfano M. Cardiovascular Revascularization Medicine, 2024, 62, pp. 85–94.

Management of Change

Key Audit(s) include:

Revision and optimisation of Echocardiography protocols for tricuspid valve disease assessment - Cardiac Imaging Department, St. Thomas' Hospital, NHS Guy's and St. Thomas' Trust. I devised and conducted an assessment on all echocardiography evaluations performed in patients with tricuspid valve disease, presented the results to the Department and finally implemented a complete echocardiographic assessment of right ventricle and tricuspid valve for the optimal selection of patients evaluated for transcatheter interventions.

Teaching experience

Medical students mentoring in Cardiology & Internal Medicine both at bedside and in tutorial sessions, during my specialty years.

Cardiology residents mentoring and teaching at Humanitas Research Hospital.

17/09/2024

Silvana Di Maio