



Europass Curriculum Vitae

Personal information

First name / Surname **Flavia Nicoli**
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Nationality Italian
Date of birth 13/02/1988
Gender Female

Titles **Doctor in Medicine and Surgery Diseases c/o University of Brescia, 16/10/2013**
Cardiologist- Specialized (Cardiovascular Diseases) at University of Milan, 19/12/2019
Postgraduate Course in Heart Failure, Zurich – ESC, Ongoing 2026-2028

Employment **Cardiologist at Humanitas Gavazzeni – Cardiology and Cardiovascular Imaging Department**

Previous Professional experiences

Cardiologist at Humanitas Gavazzeni- 13/01/2020 – 04/06/2022
- **Cardiac Imaging activities:** acquisition and reporting of Cardiac CT scan (15-20/week), cardiac MRI (15/week), echocardiography (5-10/week)
- **Clinical daily activities in general Cardiology:** TAVI, PFO, IHD, Cardiomyopathies, arrhythmia, HF, pericardial-myocardial-endocardial disease, and others.
- **SARS-COV2 Sub-Intensive Unit of Care (2020)**
Cardiologist at ASST Grande Ospedale Metropolitano Niguarda (MI) 06/06/2022 – 06/01/2023

Education and training

- Scientific School Diploma Lorenzo Federici, Trescore (BG), **94/100** 2002 – 2007
- Faculty of Medicine and Surgery, University of Brescia, Italy 2007 - 16/10/2013
 - ✓ Graduation: 16/10/2013, **110 with honors/110**, 6 years
 - ✓ Thesis: "*Myocardial revascularization minimally invasive on left minithoracotomy, without extracorporeal circulation (MIDCAB): surgical technique and long-term results*"
- Italian State Professional Enablement: II session 2013, mark: **180/180** 5/02/2014
- Registration in the Italian Medical Association (Bergamo, N. 7197) 06/03/2014
- Faculty of Medicine and Surgery, University of Milan, Specialization on Cardiovascular Disease, Centro Cardiologico Monzino 10/12/2014 - 09/12/2019
 - ✓ Graduation 19/12/2019, **70 with honor/70**, 5 years
 - ✓ Thesis: "*Cardiac Magnetic Resonance features of Left Dominant Arrhythmogenic Cardiomyopathy: Differential Diagnosis with Myocarditis*" (Relator: Prof.D. Andreini)
- Postgraduate Course in Heart Failure, Zurich – ESC Ongoing 2026-2028

Previous Work experiences

- "150 hours" (2009-2012) and Tutoring service at the University of Brescia 2012-2013
- Substitution doctor for *General Medicine service* 06-12/2014
- Daily/Nigh Emergency Doctor at the *Clinica Castelli Bergamo* 07/2014 -11/ 2014
- Doctor for *Sports events* 09/2014 -today
- Doctor support and *research* activities at 2014
 - ✓ Cardiac Rehabilitation Humanitas *Gavazzeni* BG, Primary Doct. B. Passaretti
 - ✓ Emergency, Humanitas *Gavazzeni* BG (Primary Doct. Galbussera)
 - ✓ Cardiac Surgery SSVD UDA, *Ospedali Civili di Brescia* (Director Prof. C. Muneretto)
Research focused on observational clinical studies, with the data collection, analysis of literature and possible follow up: TAVI, MIDCAB, Multivessel PCI- stenting.
- **Specialization in Cardiovascular Diseases c/o University of Milan (V years):** 10/12/2014 – 09/12/2019
 - ✓ Educational and professional activities in the course of specialization at the UO Internal Medicine Hospital Maggiore Policlinico IRCCS, Milan (six months, Primary Dr. Cappellini)
 - ✓ Educational and professional activities in the course of specialization at Centro Cardiologico Monzino, Milan: Emergency unit and department (Dr. Assanelli), Heart Failure and clinical cardiology Unit (Prof. Agostoni), Arrhythmology Unit (Prof. Tondo), Interventional Cardiology Department (Dr. Trabattoni), Unit of Intensive therapy of Care (Dr. Marenzi); Echocardiography (Dr. Pepi), coronary CT scan (Prof. Andreini), cardiac MRI (Dr. Pontone)
 - ✓ Educational and professional activities in the course of specialization at Policlinico San Donato, IRCCS, Milan: Pediatric and GUCH Cardiology (four months, Primary Dr. Carminati)
 - ✓ **Clinical trials** (Sub-investigator): CAMICISERELAXIN2013, COMMANDER-HF, AFFIRM-HF
 - ✓ **Heart Failure Department** (Prof. PG Agostoni): July 2014/Aug 2019
 - ✓ **Imaging Department:** Cardiac CT scan (15/week), cardiac MRI (15/week), echocardiography (10/week) (Prof. D. Andreini, Dr.ssa S. Mushtaq, Dr. Pepi): Sep 2018/Aug 2019
 - ✓ **Research Passport at Saint Thomas' Hospital, London- Cardiovascular Imaging, Cardiac MRI - King's College London:** Sep 2019/Nov 2019.

Professional Courses and Internship

- **Internship post-graduation at the Spedali Civili di Brescia** (with highest mark): SSVD CACH UDA of Cardiac Surgery (Prof. C. Muneretto); General and Gastroenterology Surgery; General Medicine.
- **Internship during graduation: Medical semiotics, Surgical Semiotics, Infectious Disease**, Surgery of Digestive, Urology, Nephrology, General Surgery, Internal Medicine (Medicine II), Cardiology, Pneumology, Cardiac Surgery, Radiotherapy, Orthopedics, Dermatology, Neurology, Ophthalmology, Medical Clinic (Gastroenterology, Medicine III), Surgical Clinic (ENT Clinic, Surgery III, II Surgery), Gynecology and Obstetrics, Pediatrics, emergency Medicine, Surgery Of urgency (III Surgery, First Aid).
 - ✓ **Optional Internship through "Internati"**- Spedali Civili di Brescia: General Surgery (Prof. B. Salerni; 10/2011 - 05/2012), Obstetrics and Gynecology (Prof. Sartori; 06/2012), Cardiac Surgery (Prof. C. Muneretto; 02/2012 - 06/2014)
- **Optional courses during graduation:** Clinical anatomy of the main anatomical variants. Cardiovascular organogenesis. Functional evaluation of the cardiovascular system. Pathophysiology of left ventricular function. Interactive simulated course of cardiovascular disease. Clinic neurosurgical and surgical techniques. Principles of vascular surgery. Pneumonias.Surgical treatment of coronary insufficiency and its complications. Surgical treatment of valvular heart disease: new frontiers of minimally invasive surgery. Surgical treatment of HF refractory to medical therapy: heart transplantation and artificial heart.
- **Professional courses**
 - Vascular EchoDoppler 2015, Milan
 - Mechanical Ventilation 2016, Milan
 - Cardiac CT 2017, Milan

Other Courses and Conferences

- 2009 Dissection of the splanchnic organs Vienna University, Austria
- 2012 General principles of disaster medicine University of Brescia
- 2012 Abdominal echography in DPI Spedali Civili di Brescia
- 2012 XXIV Congress on 'heart failure: new prospects for treatment' C.Conferences Brescia
- 2012 EndoTask 2012, Fifth Symposium on Endovascular Therap C. Conferences Bergamo
- 2013 EndoTask 2013, sixth symposium on endovascular therapy C. Conferences Bergamo
- 2013 BLSD 2013, certificate Spedali Civili di Brescia
- 2013 Stroke prevention in patients with atrial fibrillation University of Brescia
- 2014 Prevention and rehabilitation in cardiovascular diseases H, Gavazzeni, Bergamo
- 2014 Cardiovascular cardiologist: a winning combination Museo Mille Miglia, Brescia
- 2014 Comparative assessment of effectiveness of health interventions: from clinical trials to observation Superior Health School, Rome
- 2015 Cardiac TC in 2015: Technical and clinical insights Milan, Cardiologic Center Monzino
- 2015 XIV Day Cardiology Clinic Como
- 2015 Milan Cardiac Imaging 2015: CardioRadiology highlight. Milan, Cardiologic Center Monzino
- 2015 Medical and nursing care to people with artificial heart Milan, Cardiologic Center Monzino
- 2015 Laboratory vascular Doppler ultrasound Milan
- 2015 Endothelial dysfunction: CAD-DE and diabetes Milan
- 2015 CardioExpo Milan
- 2016 International Symposium on Chronic Heart Failure in 2016: Prognosis Milan
- 2016 Tricuspid Valve: the valve not to be forgotten Milan, Cardiologic Center Monzino
- 2016 EchocardiSurgery VIII Nation Convention Milan
- 2016 Non invasive Mechanical ventilation Milan, Cardiologic Center Monzino
- 2016 77th Nation Convention Italian Society of Cardiology Rome
- 2017 ESC HF 2017 4th World Congress on Acute HF Paris
- 2017 Milan Cardiac Imaging: Cardiac CMR Milan, Cardiologic Center Monzino
- 2017 Cardiomyopathies: integrated imaging is now a reality Milan, Cardiologic Center Monzino
- 2018 Cardio CT: theoretical applicative course Milan, Cardiologic Center Monzino
- 2018 Milan Cardiac Imaging: CardioRadiology highlight Milan, Cardiologic Center Monzino
- 2018 EchocardiSurgery X Nation Convention Milan
- 2018 IMAC: Italian Meeting on Adult with Congenital Heart Disease Milan
- 2018 NOACs LAB Under 40 Rome
- 2019 IL-1 disease multidisciplinary approach Milan
- 2019 Innovations Cardiology Bari
- 2019 EuroCMR Venice
- 2019 ESC HF 2019- 6th World Congress of Acute HF Athens
- 2019 Advanced multimodality imaging in cardiovascular disease. Milan, Cardiologic Center Monzino
- 2019 Cardiac CMR training King's College London
- 2021 EuroCMR Online
- 2022 EchocardiSurgery Nation Convention Milan
- 2022 56' Cardiology Conveign of Milan Niguarda, Milan
- 2023 EACVI 2023 Barcellona
- 2023 54' National Congress ANMCO Rimini
- 2023 Milan Cardiac Imaging Milan
- 2023 New diagnostic approach in ischemic heart disease. Bergamo
- 2023 Heart Failure and ischemic heart disease course Bergamo
- 2024 CMR 2024 Global Conference London
- 2024 EchocardiSurgery XVI Nation Convention Milan
- 2025 EchocardiSurgery XVII Nation Convention Milan
- 2025 Milan Cardiac Imaging Milan
- 2025 59' Cardiology Conveign of Milan Milan
- 2025 EACVI Vienna

Presentations/Abstracts

- **Abstract** presented at the 27th EACTS Annual Meeting Vienna, Austria 5 - 9 October 2013. **Long-term results of minimally invasive direct coronary artery bypass: ten-year experience and follow-up.** A. Repossini, L.Di Bacco, F. Rosati, I.Kotelnikov, F. Nicoli, C. Muneretto.
- **Abstract** accepted at AATS Annual Meeting Toronto, Canada 26-30 Aprile 2014. **Long term outcome of 900 consecutive minimally invasive direct coronary artery by-pass: 10 years follow-up.** A.Repossini, B. Passaretti, Maurizio Mazzoni, L. Di Bacco, Flavia Nicoli, M.Tespili, L. Giroletti, F. Rosati, G. Bisleri, C.Muneretto.
- **Presented** at the AHA 2015 Meeting, Orlando, Florida. **Long Term Durability and Haemodynamic Performance of Freedom Solo Stentless Valve for Aortic Valve Replacement: A European, Multicenter Experience.** A Repossini, B.Passaretti, L. Di Bacco, C. Muneretto, F.Nicoli, G. Bisleri, V. Arena, C. Schäfer, B. Claus, H Grubitzsch. *Circulation*, 2015;132:A15470
- **Orally Presented** at 76° Italian National Cardiology Meeting, Rome 11-14 December 2015. **Determinazione non invasiva della gettata cardiaca da sforzo in 500 volontari sani. Costruzione di nuovi valori di normalità.** C. Vignati, G. Cattadori, S. Farina, C. Boiti, F. Nicoli, P. Palermo, P. Agostoni
- **Abstracts** presented as Poster at the 3rd World ESC Congress on Heart Failure 2016, Florence 21-24 May 2016 [ESC 365].
 1. **Does anaemia in heart failure correlate with chronic anticoagulant and antiplatelet therapies?** F.Nicoli, D. Brusoni, C. Vignati, M. Contini, P. Palermo, N. Corrieri, A. Del Torto, C. Tedesco A. Apostolo, P. Agostoni. *European Journal of Heart Failure Abstract Supplement* (2016) 18 (supplement 1), 475
 2. **Linear correlation between cardiac output and oxygen uptake at peak exercise in patients with heart failure with reduced ejection fraction.** N. Corrieri, F. Nicoli, A. Del Torto, S. Farina, C. Vignati, A. Apostolo, E. Salvioni, M. Morosin, P. Agostoni. *European Journal of Heart Failure Abstract Supplement* (2016) 18 (supplement 1), 258
 3. **Non invasive cardiac output measurement in 500 healthy volunteers: validation of new normal values.** C. Vignati, C. Cattadori, S. Farina, C. Boiti, F. Nicoli, A. Del Torto, N. Corrieri, P.G. Agostoni. *European Journal of Heart Failure Abstract Supplement* (2016) 18 (supplement 1), 503
 4. **Axial-flow left ventricular assist device pump speed increase is associated with increase peak exercise cardiac output and VO₂, postponed anaerobic threshold and improve ventilator efficiency.** A. del torto, C. Vignati, N. Corrieri, F. Nicoli, S. Farina, M. Contini, E. Salvioni, P. Palermo, A. Apostolo, P. Agostoni
- **Speaker Faculty** at Monzino Cardiologic Center Meeting "La cardiopatia ischemica nel genere femminile" **Anemia e anticoagulanti. I NOAC e le Donne.** Flavia Nicoli
- **Orally Presentations** at 77° Italian National Cardiology Meeting, Rome 16-19 December 2016.
 1. **Does anaemia in heart failure correlate with chronic anticoagulant and antiplatelet therapies?** F. Nicoli, C.Vignati, A. DelTorto, N.Corrieri, M.Mapelli, S. Paolillo, D. Brusoni, A. Apostolo, P. Agostoni
 2. **Feasibility and outcomes of rheumatic heart disease screening in an ugandan orphanage.** M. Mapelli, P. Zagni, L. Fusini, M. Muratori, A. Del Torto, F. Nicoli, E. Salvioni, M. Pepi, C. Fiorentini, P. Agostoni
 3. **Linear correlation between cardiac output and oxygen uptake at peak exercise in patients with heart failure with reduced ejection fraction.** A. Del Torto, N. Corrieri, P. Gentile, F. Nicoli, A. Apostolo, S. Paolillo, M. Contini, C. Vignati, P. Agostoni
- **Abstract** presented as Poster at the 3rd World ESC Congress on Heart Failure 2017, Paris April 2017
Anaemia and iron deficiency in Heart Failure: Role of chronic anticoagulant and antiplatelet therapies F. Nicoli, C. Vignati, A. Del Torto, N. Corrieri, A. Bonomi, T. Calogero, M. Mapelli, D. Brusoni, A. Apostolo, PG. Agostoni. *European Journal of Heart Failure Abstract Supplement* (2017) 19 (suppl. S1), 449
Case report presented as Poster at the EuroEcho-Imaging 2018 December, **From kidney to kidney: an unusual case of paradoxical embolism through a patent foramen ovale in the course of a massive pulmonary embolism** M Mapelli, V Bozzano, L Fusini, M Muratori, F Celeste, F Nicoli I Capodaglio, A Annoni, P Gripari, G Tamborini, C Vignati, E Conte, S Ghulam Ali, M Pepi, P Agostoni. *European Heart Journal Cardiovascular Imaging* (2019) 20 (supplement 1), i1014
- **Orally presented abstract** at EuroCMR 2019, Venice 2-4 2019. **Cardiac magnetic resonance for identifying the substrate of ventricular arrhythmias in patients with normal echocardiography.** Conte E, Mushtaq S, Dello Russo A, Guglielmo M, Baggiano A, Nicoli F, Tanzilli A, Carbuicchio C, Casella M, Gripari P, Melotti E, Tondo C Pontone G, Pepi M, Andreini D. *European Heart Journal Cardiovascular Imaging* (2019) 20 (supplement 2), ii232
- **Moderated Case report** at the World ESC Congress on Heart Failure 2019, Athens May 2019 [ESC 365]. **A case of an acute mitral regurgitation: differential echocardiographic diagnosis with the chronic form.** F. Nicoli, S. Mushtaq, E. Conte, D. Andreini, F. Celeste.
- **Abstracts and orally clinical case presentation** at Heart Failure 2021 Online Congress [ESC 365]:
 1. **A case of a suspected severe cardiac Amyloidosis.** F. Nicoli F, S. Mushtaq, D. Andreini D, PG. Agostoni.

2. In-depth phenotyping by cardiovascular magnetic resonance uncovering differences between ethnic groups in hypertensive heart disease. A.T. Mohamed, G. Georgiopoulos, L. Faconti, S. Vennin, R. McNally, S. Hugelshofer, F. Nicoli, K. Alfakih, J. Alastruey-Armon, J. Ferreira, P. Lamata L. Keehn, A. Chiribiri, P.G. Masci, P. Chowienczyk. *European Heart Journal, Volume 42, Issue Supplement_1, October 2021, ehab724.0886*, <https://doi.org/10.1093/eurheartj/ehab724.0886>

3. Unravelling racial differences in hypertensive heart disease by multiparametric cardiovascular magnetic resonance: a phenotype-wide association study. G. Georgiopoulos, S. Vennin, L. Faconti, R. Mc Nally, A. Mohamed, S. Hugelshofer, F. Nicoli, K. Alfakih, N. Mughal, F. Bosio. *European Heart Journal - Cardiovascular Imaging, Volume 22, Issue Supplement_2, June 2021, jeab090.124*, <https://doi.org/10.1093/ehjci/jeab090.124>

- Speaker Faculty at Humanitas Gavazzeni BG Center Meeting 29 Sep 2023 “Nuovi approcci diagnostici nella cardiopatia ischemica”. **La RM cardiaca per vitalità e ischemia: conosciamo il miocardio**, Flavia Nicoli
- Speaker Faculty at Meeting Grumello 7 Oct 2023 “Corso teorico-pratico su scompenso cardiaco e malattia coronarica”. **Strumenti per la valutazione morfologica e funzionale**, Flavia Nicoli.
- Speaker Faculty at 54° Congresso Nazionale ANMCO, May 18-20 2023, Rimini
Mini corso di risonanza magnetica cardiaca parte 1 – S1184- Cardiopatia ischemica acuta e cronica: stress-RM
- Clinical case presentation at CMR 2024 Global Conference. Quick-Fire case, January 26 2024, London
A Case of a 51-Year-Old Woman with Suspected Cardiac, Pulmonary, Bone and Renal Triple-negative Breast Cancer Metastasis
- Speaker Faculty at Humanitas Gavazzeni BG Center Meeting May 2025 “. **La Gestione del paziente con HF: Il ruolo di eco, TC, RMN e peptidi natriuretici per una diagnosi precoce**, Nicoli Flavia
- Speaker Faculty at Humanitas Gavazzeni BG Center Meeting 24 Sept 2025 “Sani fino a prova contraria: la cardiologia della prevenzione e dello screening”. **La TC coronarica come screening**, Nicoli Flavia
- Orally presented case reports and abstracts at EACVI 2025, Wien 11-13 Dec 2025:
 1. **Scimitar syndrome in an asymptomatic 46-year-old patient diagnosed by computed tomography.** F. Nicoli, A. Nudi, E. Collaku, M. Lo Monaco, E. Bertella
 2. **A multimodality imaging evaluation of a huge post-surgical cardiac pseudoaneurysm.** F. Nicoli, E. Collaku, R. Mollace, M. Licastro, E. Bertella
 3. **Stress myocardial CT perfusion evaluation of myocardial blood flow (MBF) mean value, and correlation of MBF defect and main risk factors.** F. Nicoli, R. Mollace, F. Allieri, S. Frittella, E. Collaku, M. Lo Monaco, M. Licastro, A. Nudi, G. Agati, M. Brusamolino, E. Corghi, S. Di Maio, F. Frascaro, A. Zanello, E. Bertella.
 4. **Silent but lethal: cocaine-induced left ventricular dysfunction in a young patient.** F. Frascaro, F. Nicoli, E. Sciatti, E. Bertella.
 5. **SCORE2-diabetes for predicting coronary artery disease: a cardiac CT study in a diabetic moderate-risk population.** R. Mollace, M. Arzenton, F. Testerini, F. Nicoli, A. Fumagalli, F. Frascaro, M. Licastro, E. Collaku, A. Nudi, M. Lo Monaco, M. Nardin, G. Campo, M. Federici, E. Bertella.
 6. **MIBG scintigraphy and arrhythmic risk in myocarditis.** M. Lo Monaco, M. Licastro, M. Nardin, R. Mollace, F. Nicoli, A. Gad, A. Nudi, E. Collaku, M. Brusamolino, M. Arzenton, F. Frascaro, M. Gotti, G. Medolago, E. Brscic, E. Bertella.

Publications

Lvad pump speed increase is associated with increased peak exercise cardiac output and vo₂, postponed anaerobic threshold and improved ventilatory efficiency. Vignati C, Apostolo A, Cattadori G, Farina S, Del Torto A, Scuri S, Gerosa G, Bottio T, Tarzia V, Bejko J, Sisillo E, Nicoli F, Sciomer S, Alamanni F, Paolillo S, Agostoni P. *Int J Cardiol.* 2016 Dec 22. doi: 10.1016/j.ijcard.2016.12.112. Epub 2016 Dec 22.

Rescue Leadless Pacemaker Implantation in a Pacemaker-Dependent Patient with Congenital Heart Disease and no Alternative Routes for Pacing. Sanhoury M, Fassini G, Tundo F, Moltrasio M, Ribatti V, Lumia G, Nicoli F, Mancini E, Filtz A, Tondo C. *J Atr Fibrillation.* 2017 Feb-Mar; 9(5): 1542. Published online 2017 Feb 28. doi: 10.4022/jafib.1542.

Interpretability of coronary CT angiography performed with a novel whole-heart coverage high-definition CT scanner in 300 consecutive patients with coronary artery bypass grafts

Mushtaq S, Conte E, Pontone G, Pompilio G, Guglielmo M, Annoni A, Baggiano A, Formenti A, Tanzilli A, Mancini E, Muscogiuri G, Nicoli F, Giannitto C, Magatelli M, Consiglio, Fiorentini C, Bartorelli AL, Pirillo S, Andreini D. *J Cardiovasc Comput Tomogr.* Mar-Apr 2020;14(2):137-143. doi: 10.1016/j.jcct.2019.08.004. Epub 2019 Aug 7.

State-of-the-Art- Myocardial Perfusion Stress Testing: Static CT perfusion. Mushtaq S, Conte E, Pontone G, Baggiano A, Annoni A, Formenti A, Mancini ME, Guglielmo M, Muscogiuri G, Tanzilli A, Nicoli F, Bartorelli A, Pepi M, Andreini D. *J Cardiovasc Comput Tomogr.* Jul-Aug 2020;14(4):294-302. doi: 10.1016/j.jcct.2019.09.002. Epub 2019 Sep 12. Review

Qualitative and quantitative evaluation of a new wearable device for ECG and respiratory Holter monitoring. Sarmento A, Vignati C, Paolillo S, Lombardi C, Scoccia A, Nicoli F, Mapelli M, Leonardi A, Ossola D, Rigoni R, Agostoni PG, Aliverti A. *Int J Cardiol.* 2018 Dec 1;272:231-237. Epub 2018 Jun 13. doi: 10.1016/j.ijcard.2018.06.044.

Minimally invasive coronary artery bypass: Twenty-year experience. Repossini A, Di Bacco L, Nicoli F, Passaretti B, Stara A, Jonida B, Muneretto C. *J Thorac Cardiovasc Surg.* 2018 Dec 29. pii: S0022-5223(18)33517-7. doi: 10.1016/j.jtcvs.2018.11.149.

Letter to the editor, In reply to “The novel whole-organ high-definition CT scanner: A promising diagnostic method for coronary stented patients with unfavorable HR”. Andreini D, Conte E, Nicoli F, Tanzilli A, Mushtaq S. *Int J Cardiol.* 282 2019 May 1;282:111. doi: 10.1016/j.ijcard.2019.02.012.

Plaque quantification by coronary computed tomography angiography using intravascular ultrasound as a reference standard: a comparison between standard and last generation computed tomography scanners.

Conte E, Mushtaq S, Pontone G, Li Piani L, Ravagnani P, Galli S, Collet C, Sonck J, Di Odoardo L, Guglielmo M, Baggiano A, Trabattoni D, Annoni A, Mancini ME, Formenti A, Muscogiuri G, Magatelli M, Nicoli F, Poggi C, Fiorentini C, Bartorelli AL, Pepi M, Montorsi P, Andreini D. *Eur Heart J Cardiovasc Imaging.* 2019 May 15. pii: jez089. doi: 10.1093/ehjci/jez089.

FFRCT and CT perfusion: a review on the evaluation of functional impact of coronary artery stenosis by cardiac CT. Andreini D, Conte E, Mushtaq S, Mizukami T, Collet C, Barbato E, Tanzilli A, Nicoli F, Sonck J, De Bruyne B. *Int J Cardiol.* 2020 Feb 1;300:289-296. doi: 10.1016/j.ijcard.2019.08.018.

Interpretability of coronary CT angiography performed with a novel whole-heart coverage high-definition CT scanner in 300 consecutive patients with coronary artery bypass grafts

Mushtaq S, Conte E, Pontone G, Pompilio G, Guglielmo M, Annoni A, Baggiano A, Formenti A, Tanzilli A, Mancini E, Muscogiuri G, Nicoli F, Giannitto C, Magatelli M, Consiglio, Fiorentini C, Bartorelli AL, Pirillo S, Andreini D. *J Cardiovasc Comput Tomogr.* Mar-Apr 2020;14(2):137-143. doi: 10.1016/j.jcct.2019.08.004. Epub 2019 Aug 7.

Multi-Modality Imaging in Dilated Cardiomyopathy: With a Focus on the Role of Cardiac Magnetic Resonance. Mitropoulou P, Georgiopoulos G, Figliozzi S, Klettas D, Nicoli F, Masci PG. *Front Cardiovasc Med.* 2020 Jul 2;7:97. doi: 10.3389/fcvm.2020.00097. eCollection 2020. PMID: 32714942. Review

The usefulness of cardiac CT integrated with FFRCT for planning myocardial revascularization in complex coronary artery disease: a lesson from SYNTAX studies. Andreini D, Mushtaq S, Conte E, Mei M, Nicoli F, Melotti E, Pompilio G, Pepi M, Bartorelli AL, Onuma Y, Serruys PW. *Cardiovasc Diagn Ther.* 2020 Dec;10(6):2036-2047. doi: 10.21037/cdt.2019.11.07. PMID: 33381442. Review

Rationale and design of the EPLURIBUS Study (Evidence for a comprehensive evaluation of left ventricular dysfunction by a whole-heart coverage cardiac computed tomography scanner). Andreini D, Edoardo C, Mushtaq S, Pontone G, Guglielmo M, Baggiano A, Annoni A, Mancini M, Formenti A, Nicoli F, Tanzilli A, Muscogiuri G, Magini A, Agostoni PG, Bartorelli AL, Fiorentini C, Pepi M. *J Cardiovasc Med (Hagerstown)*. 2020 Oct;21(10):812-819. doi: 10.2459/JCM.0000000000001051.

Prognostic role of transferrin saturation in heart failure patients. Campodonico J1, Nicoli F1, Motta I, Migone De Amicis M, Bonomi A, Cappellini M, Agostoni P. *Eur J Prev Cardiol*. 2021 Dec 29;28(15):1639-1646. doi: 10.1093/eurjpc/zwaa112. PMID: 33619543. [1 first authors].

Effects of Glucocorticosteroids on Coronavirus SARS-CoV 2 In-Patients Mortality; A Retrospective, Cohort Study of Single, High Density COVID-19 Institution in Lombardy, Italy. Cappelleri G, Albano G, Nadalin S, Nucci AD, Squadroni M, Nicoli F, Marco R, Mazzoni M, Gemma M. *SSRN*; 2020. DOI: 10.2139/ssrn.3633160.

Cardiac magnetic resonance features of left dominant arrhythmogenic cardiomyopathy: differential diagnosis with myocarditis. Andreini D, Conte E, Casella M, Mushtaq S, Pontone G, Dello Russo A, Nicoli F, Carità P, Catto V, Vettor G, Gasparetti A, Sommariva E, Rizzo S, Basso C, Tondo C, Pepi M. *Int J Cardiovasc Imaging* 38, 397–405 (2022). <https://doi.org/10.1007/s10554-021-02408-8>

Impact of chronic exposure to 5-alpha reductase inhibitors on the risk of hospitalization for COVID-19: A case-control study in male population from two COVID-19 regional centers of Lombardy, Italy. Lazzeri, M. et al. *Minerva Urology and Nephrology*, 2022, 74(1), pp. 77–84

Comparison of Demographic, Clinical, Biochemical, and Imaging Findings in Hypertrophic Cardiomyopathy Prognosis: A Network Meta-Analysis. Georgiopoulos, G. et al. *JACC: Heart Failure*, 2023, 11(1), pp. 30–41

The prognostic role of right ventricular dysfunction in patients with hypertrophic cardiomyopathy. Mushtaq S. et al. *The International Journal of Cardiovascular Imaging*, 05 May 2023, DOI: 10.1007/s10554-023-02852-8 PMID: 37147451

A Case of 51 Years Old Woman with Suspected Cardiac, Pulmonary, Bone and Renal Triple-negative Breast Cancer Metastasis. Nicoli F, Mollace R, Collaku E, Lo Monaco M, Gad A, Marchini F, Zanello A, Angeli E, Brscic E, Cremonesi A, Bertella E. *Journal of Cardiovascular Magnetic Resonance* 2024. Vol. 26, p. 100565. Volume 26, Supplement 1, 2024, 100565, ISSN 1097-6647, <https://doi.org/10.1016/j.jocmr.2024.100565>.

Predictors of adverse cardiac events of coronary myocardial bridging diagnosed with computed tomography angiography. Andreini D, Conte E, Monizzi G, Prestini B, Ratti A, Belmonte M, Melotti E, Doldi M, Marchetti D, Schillaci M, Nicoli F, Mastrangelo A, Paolisso P, Gigante C, Novembre ML, Baggiano A, Mancini ME, Annoni A, Formenti A, Pizzamiglio F, Pontone G, Zeppilli P, Bartorelli AL, Mushtaq S. *Int J Cardiol*. 2024 Jul 1;406:131997. doi: 10.1016/j.ijcard.2024.131997. Epub 2024 Mar 29.

A Case of Perimyocarditis during the Bergamo SARS-COV2-COVID-19 Peak without Evident Pulmonary Involvement. Bertella E, Nicoli F, Zanello A, Cremonesi A. *Mega Journal of Case Reports*, 2024-05-23 | Journal article DOI: 10.5281/ZENODO.11298915

Multiparametric Mapping via Cardiovascular Magnetic Resonance in the Risk Stratification of Ventricular Arrhythmias and Sudden Cardiac Death. Lo Monaco, M., Stankowski, K., Figliozzi, S., Nicoli, F., Scialó V., Gad A., Lisi C., Marchini F., Fellini C.M., Mollace R., Catapano F., Stefanini G. G., Monti L., Condorelli G., Bertella E., Francone M.

Coronary Microvascular Dysfunction: Searching the Strongest Imaging Modality in Different Scenarios. Mollace R, Nicoli F, Licastro M, Lo Monaco M, Collaku E, Nudi A, Gad A, Procopio C, Ioppolo A, Bertella E. *Echocardiography*. 2024 Nov;41(11):e70022. doi: 10.1111/echo.70022.

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Certifications

- EACVI Adult Transthoracic Echocardiography Level 1, February 2018 (Lisbon)
Fully certified in EACVI Adult Transthoracic Echocardiography, March 2019
Recertification in EACVI Adult Transthoracic Echocardiography, Oct 2024
- ACLS Certifications: April 2018 and Sept 2023
- Cardiac CMR Level 1, May 2019
- Cardiac CMR Level 3, Sep 2024

Memberships

- EACVI Silver Member 2018-2019-2020-2021-2022
- Heart Failure regular member from 2016 (continued)
- Heart Failure Silver Member 2019-2020

Other skills

- Computer skills: Good knowledge of Microsoft Office.
- Other computer skills acquired during General Medicine: MILLEWIN, MEDINFORMATICA, FASTAMB, FPF
- Other computer skills acquired during Speciality: WhoHospital, WTS

Mother tongue(s)

- Italian
- English good *

Language

(*) [Common European Framework of Reference for Languages](#)

Bergamo, March 04 th 2026

Doctor Nicoli Flavia