

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name **NICCOLO' CIARDETTI**
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Nationality
Date of birth

PROFESSIONAL EXPERIENCE

- Dates (from – to) January 2023- now
- Name and address of employer Careggi University Hospital (University of Florence), Florence, Italy
- Main activities and responsibilities

I work in the cardiac surgery division where I am dedicated to the ward activity, the preoperative work-up and postoperative care of patients with valvulopathies and coronary artery disease undergoing cardiac surgery.
In addition, I actively attend the interventional cardiology cath lab, where as first operator, I regularly perform coronary angiographies and percutaneous coronary interventions of easy and intermediate complexity with standby supervision, also guided by physiology and intravascular imaging, both from radial and femoral access. As second operator, I take part in structural interventional procedures, mainly transcatheter aortic valve implantation (TAVI), including valve-in-valve interventions, but also percutaneous edge-to-edge mitral valve repair, percutaneous closure of patent foramen ovale, atrial septal defect and left atrial appendage, also with the attention to procedural planning.

EDUCATION AND TRAINING

- Dates (from – to) November 2018 – November 2022
- Name and type of organisation providing education and training Careggi University Hospital (University of Florence), Florence, Italy
- Title of qualification awarded

Specialization in Cardiovascular Diseases (Cardiology Fellowship) with top marks and honours, with a thesis on coronary chronic total occlusion recanalisation, titled "Temporal evolution of percutaneous recanalization for coronary chronic occlusions: a multicenter experience in Tuscany". Director: Professor Carlo Di Mario

- Principal subjects/occupational skills covered

During the fellowship I had the opportunity to actively attend the cardiology, internal medicine and cardiac surgery wards and sub-intensive care units, cardiology intensive care unit and cardiology outpatient clinics, learning to manage the main cardiology diseases both in the acute and chronic setting. I developed a particular interest in interventional cardiology and regularly participated in coronary and structural interventional procedures performed by Professor Di Mario and his team, having taken part in several complex revascularisation procedures of chronic total coronary occlusions, treatment of bifurcations, diffuse and calcific lesions, guided by the use of intracoronary imaging techniques (IVUS and OCT) and with the usual use of physiological assessment techniques (iFR/FFR/IMR/CMR). I had the opportunity also to be present during many structural interventions. I was also responsible in supporting patients' screening, data collection and follow-up in multiple controlled studies.

- Date

July 2018

- Name and type of organisation

Italian Ministry of Education, University and Research

- Title of qualification awarded

Admission Examination to the Cardiology Specialization School, placing 20th out of more than sixteen thousand candidates

- Dates (from – to)

October 2011 – October 2018

- Name and type of organisation providing education and training

University of Siena Medical School, Siena, Italy

- Title of qualification awarded

Degree in Medicine and Surgery, obtained with top marks and honours (110/110 Cum Laude and Honorable Mention)

- Dates (from – to)

September 2006 – July 2011

- Name and type of organisation providing education and training

"Michelangiolo" Classical High School, Florence, Italy

- Title of qualification awarded

Classical High School Diploma

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

ENGLISH

- Reading skills
- Writing skills
- Verbal skills

Good
Good
Good

SCIENTIFIC RESEARCH

Alongside my practical experience, I developed an interest in study and research, having currently contributed with the following publications:

- **Ciardetti N**, Nardi G, Di Mario C. Direct high-frequency intravascular ultrasound visualization of drug delivery after paclitaxel urea eluting balloon angioplasty, European Heart Journal, 44 (12) 21 March 2023, 1096, <https://doi.org/10.1093/eurheartj/ehad020>

- Di Mario C, Mashayekhi K, Garbo R, Pyxaras S, **Ciardetti N**, Werner GS. Recanalization of Coronary Chronic Total Occlusions. A State-of-the-art Review for EuroIntervention 2022;18:535-561, for which he was the corresponding author.
- Berteotti M, Gori AM, Giusti B, Fortini A, Grossi G, **Ciardetti N**, et al. Clinical impact of high platelet reactivity in patients with atrial fibrillation and concomitant percutaneous coronary intervention on dual or triple antithrombotic therapy. J Thromb Thrombolysis. 2023 May;55(4):667-679. doi: 10.1007/s11239-023-02784-z
- Di Mario C, **Ciardetti N**. The Ultimate Trial of CTO Recanalization. JACC Cardiovasc Interv, 2022;15(14):1450-1452.
- Kucukseymen S, Ciatti F, **Ciardetti N**, Mattesini A, Di Mario C. Update on NearInfrared Spectroscopy/Intravascular Ultrasound: The fundamental aspects and current clinical roles. Cardiac Interventions Today, 16 (3), 2022.
- Di Muro FM, Demola P, Nardi G, **Ciardetti N**, Meucci F, Stolcova M, Ristalli F, Di Mario C, Mattesini A. Optical Coherence Tomography and Artificial Intelligence for calcium quantification in coronary disease of diabetic patients. European Heart Journal 43 (Supp 2) October 2022.
- **Ciardetti N**, Di Muro FM, Kucukseymen S, Nardi G, Demola P, Mattesini A, Ristalli F, Stolcova M, Meucci F, Di Mario C. The role of calcification in cardiovascular outcome after left main bifurcation revascularization: a single centre experience. European Heart Journal 43 (Supp 2) October 2022.
- **Ciardetti N**, Mattesini A, Di Muro FM, Nardi G, Kucukseymen S, Ristalli F, Stolcova M, Meucci F, Di Mario C. LAYERED PLAQUES: NOT ALL ARE HEALED. European Heart Journal Supplements, Volume 24, Issue Supplement K, December 2022, suac121.314, <https://doi.org/10.1093/eurheartjsupp/suac121.314>.
- **Ciardetti N**, Kucukseymen S, Meucci M, Stolcova M, Di Muro FM, Nardi G, Ristalli F, Mattesini A, Di Mario C. AN UNUSUAL CONSERVATIVE STRATEGY FOR ACUTE AORTIC RUPTURE AFTER TAVI POST-DILATATION. European Heart Journal Supplements, Volume 24, Issue Supplement_K, December 2022, suac121.315, <https://doi.org/10.1093/eurheartjsupp/suac121.315>
- **Ciardetti N**, Mattesini A, Di Mario C. Going through or around the occlusion? All roads lead to Rome. Vol. 28, Cardiology Journal. 2021.
- **Ciardetti N**, Ciatti F, Nardi G, Di Muro FM, Demola P, Sottili E, et al. Advancements in transcatheter aortic valve implantation: A focused update. Vol. 57, Medicine (Lithuania). 2021.
- Di Mario C, **Ciardetti N**, Demola P. Second Generation: Better Also for Covered Stents? Vol. 29, Cardiovascular Revascularization Medicine. 2021.
- **Ciardetti N**, Ristalli F, Nardi G, Di Mario C. Bail-out intravascular lithotripsy for severe stent underexpansion during primary angioplasty: a case report. Eur Heart J Case Rep. 2021 Nov 11;5(11):ytab448.

I attended several cardiology congresses, both national and international, also sharing clinical cases and abstracts, accepted as posters or oral communications, including:

- **Ciardetti N**, Chechi T, Mattesini A, Bonechi F, Nardi G, Di Muro FM, Furlani P, Crociani MF, Cenni N, Kucukseymen S, Meucci F, Stolcova M, Ristalli F, Di Mario C. Temporal Evolution of Percutaneous Recanalisation for Coronary Chronic Total Occlusions: an Italian Multicenter Experience. Presented as "Best Oral Abstracts" at CRT 2023 in Washington.
- **Ciardetti N**, Chechi T, Mattesini A, Bonechi F, Nardi G, Di Muro FM, Furlani P, Crociani MF, Cenni N, Kucukseymen S, Meucci F, Stolcova M, Ristalli F, Di Mario C. The Importance of Intravascular Ultrasound and Intravascular Lithotripsy for Complex Coronary Chronic Total Occlusion Recanalisation: an Italian Multicenter Experience. Presented as "Best Oral Abstracts" at CRT 2023 in Washington.
- **Ciardetti N**, Mattesini A, Di Muro FM, Nardi G, Kucukseymen S, Stolcova M, Meucci F, Ristalli F, Di Mario C. A stent lost in left main bifurcation: an unusual case of OCT guided mini-crush to cover it. Presented as oral communication and selected among the best five cases of the year at the Euro Bifurcation Club 2022 Congress in Madrid.
- **Ciardetti N**, Di Muro FM, Nardi G, Kucukseymen S, Mattesini A, Ristalli F, Stolcova M, Meucci F, Di Mario C. TAVI e anemia emolitica: quando l'insufficienza conta. Presented as a moderated poster at the 39th Congress of Cardiology "Conoscere e Curare il Cuore" 2022.
- **Ciardetti N**, Nardi G, Di Muro FM, Stolcova M, Mattesini A, Kucukseymen S, Ristalli F, Meucci F, Di Mario C. An inferior STEMI patient with diffuse three vessel disease and cardiogenic shock: when ECMO is an essential tool to complete revascularization. Presented as oral communication at the 43rd GISE National Congress 2022.
- **Ciardetti N**, Di Mario C. Coronary vasculitis: lesion-free coronary arteries do not always mean

disease-free. Case report of eosinophilic granulomatosis with polyangiitis with cardiac involvement. Presented as an oral communication at the 81st National Congress of the Italian Society of Cardiology (SIC).

- **Ciardetti N**, Vannini M, Cappelli F, Pontecoroli G, Di Mario C. Massive pulmonary embolism in the absence of hemodynamic instability: are we doing it right? A real-world clinical case report. Presented as a poster at the Congress "Cardiologists of the future face the 2021 guidelines".

- **Ciardetti N**, Demola P, Di Mario C. Anterograde Wire Escalation with Recently CE-marked Dedicated Guidewires: a Classical Technique with Novel Devices. Selected among the best two cases for the "Best CTO Case of the Month competition" at the EuroCTO Club 2021 Congress.

- **Ciardetti N**, Demola P, Mattesini A, Meucci F, Di Mario C. A Giant Right Coronary Artery Pseudoaneurysm Too Long for a Single Covered Stent. Presented as oral communication at the 42nd GISE National Congress 2021.

- **Ciardetti N**, Demola P, Mattesini A, Ristalli F, Di Mario C. A different case of exertional angina: when both anatomy and physiology matter. Presented as a poster at the 42nd GISE National Congress 2021.

- **Ciardetti N**, Demola P, Caniato F, Mattesini A, Ristalli F, Di Mario C. Massive Multivessel Coronary Thrombosis in a COVID-19 Patient Treated with a Novel Bailout Strategy Device. Presented as a moderated poster at the 38th Congress of Cardiology "Conoscere e Curare il Cuore" 2021 and selected as "The voice of the young" for publication on the website centrolottainfarto.com.

I am also active in peer reviewing for international journals such as *EuroIntervention*, *European Heart Journal - Cardiovascular Imaging* and *Minerva Cardiology and Angiology*.

Florence, 05/07/2023

Niccolò Ciardetti