

ANTONIO SISINNI
CURRICULUM VITAE

ACTUAL POSITION

- **Fellow in Interventional Cardiology**, IRCCS Policlinico San Donato.
- **Master degree candidate**, Università Vita-Salute San Raffaele.

EDUCATION AND TRAINING

- 2012: **high School Diploma** (100/100) at Liceo Scientifico "G. Banzi-Bazoli", Lecce, Italy.
- 2018: **degree in Medicine and Surgery** (vote 110/110 cum laude) at Università Vita-Salute San Raffaele Milano, discussing a sperimental thesis on "Assessment of bi-ventricular systolic function after mitral valve repair with the MitraClip system: the role of deformation imaging".
- 2019: **enabled to the profession of Medical Doctor** by passing the Italian State Exam.
- 2019: **admitted to Ordine dei Medici Chirurghi** della Provincia di Lecce.
- 2019-2023: **Resident doctor in Cardiovascular disease**, Università degli Studi di Milano:
 - August 2022 – May 2023: Interventional Cardiology resident at Policlinico San Donato, San Donato Milanese, Italy (tutor: dr. Francesco Bedogni)
 - June 2023 – September 2023: Interventional Cardiology resident at Hospital Álvaro Cunqueiro, Vigo, Spain (tutor: dr. Rodrigo Estévez-Loureiro).

- 2023: **specialist degree in Cardiovascular disease** (vote 70/70) at Università degli Studi di Milano, discussing a sperimental thesis on "Impact of Left and Right Heart Involvement in Patients With Primary Mitral Regurgitation Undergoing Transcatheter Edge-To-Edge Repair".

Language skills

Mother language	Italian
English	B2 level
French	B1 level

RESEARCH and SCIENTIFIC CURRICULUM

Research field:

- Interventional cardiology (percutaneous mitral and tricuspid valve repair).
- Chronic heart failure
- Advanced imaging
- SARS-CoV-2 infection

Scientific issues:

- n. 15 published articles
- n. 12 papers cited on PubMed
- h-index 6 (Scopus source)

Scientific issues

Published manuscripts

1. Godino C, Munafò A, **Sisinni A**, Margonato A, Saia F, Montorfano M, Agricola E, Alfieri O, Colombo A, Senni M. (2020) MitraClip Treatment of Secondary Mitral Regurgitation in Heart Failure with Reduced Ejection Fraction: Lessons and Implications from Trials and Registries, *Structural Heart*, 4:4, 247-253.
2. Demir OM, Ruffo MM, Godino C, Ancona M, Ancona F, Stella S, Munafò AR, **Sisinni A**, Agricola E, Colombo A, Chieffo A, Montorfano M. Mid-Term Clinical Outcomes Following Percutaneous Mitral Valve Edge-to-Edge Repair. *J Invasive Cardiol*. 2020 Dec;32(12):E313-E320.
3. Godino C, **Sisinni A**, Pivato CA, Adamo M, Taramasso M, Parlati A, Italia L, Voci D, Scotti A, Munafò A, Buzzatti N, Denti P, Ancona F, Fiore G, Sala A, Vergara P, Bodega F, Ruffo MM, Curello S, Castiglioni A, De Bonis M, Alfieri O, Agricola E, Maisano F, Metra M, Colombo A, Margonato A; MiZüBr registry. Prognostic Value of Pre-operative Atrial Fibrillation in Patients With Secondary Mitral Regurgitation Undergoing MitraClip Implantation. *Am J Cardiol*. 2021 Mar 15;143:51-59.
4. **Sisinni A**, Rossi L, Battista A, Poletti E, Battista F, Battista RA, Malagoli A, Biagi A, Zanni A, Sticozzi C, Comastri G, Marrocco-Trischitta MM, Monello A, Margonato A, Bandera F, Vergara P, Guazzi M, Godino C. Pre-admission acetylsalicylic acid therapy and impact on in-hospital outcome in COVID-19 patients: The ASA-CARE study. *Int J Cardiol*. 2021 Dec 1;344:240-245.
5. Popolo Rubbio A, Testa L, Grasso C, **Sisinni A**, Tusa M, Agricola E, De Marco F, Petronio AS, Montorfano M, Citro R, Adamo M, Mangieri A, Casenghi M, Milici AL, Stazzoni L, Colombo A, Tamburino C, Bedogni F. Transcatheter edge-to-edge mitral valve repair in atrial functional mitral regurgitation: insights from the multi-center MITRA-TUNE registry. *Int J Cardiol*. 2022 Feb 15;349:39-45.
6. Scotti A, Munafò A, Adamo M, Taramasso M, Denti P, **Sisinni A**, Buzzatti N, Stella S, Ancona F, Zacccone G, Cani D, Montorfano M, Castiglioni A, de Bonis M, Alfieri O, Latib A, Colombo A, Agricola E, Maisano F, Metra M, Margonato A, Godino C; MiZüBr Registry. Transcatheter Edge-to-Edge Repair in COAPT-Ineligible Patients: Incidence and Predictors of 2-Year Good Outcome. *Can J Cardiol*. 2022 Mar;38(3):320-329.
7. Popolo Rubbio A, Testa L, Granata G, Salvatore T, De Marco F, Casenghi M, Guerrini M, Oliva OA, Stefanini E, Barletta M, **Sisinni A**, Poletti E, Zannoni J, Gorla R, Brambilla N, Tusa M, Bedogni F. Prognostic significance of right ventricle to pulmonary artery coupling in patients with mitral regurgitation treated with the MitraClip system. *Catheter Cardiovasc Interv*. 2022 Mar;99(4):1277-1286.
8. **Sisinni A**, Munafò A, Pivato CA, Adamo M, Taramasso M, Scotti A, Parlati ALM, Italia L, Voci D, Buzzatti N, Denti P, Ancona F, Marengo A, Sala A, Bodega F, Ruffo MM, Curello S, Castiglioni A, Montorfano M, de

- Bonis M, Alfieri O, Agricola E, Colombo A, Maisano F, Metra M, Margonato A, Godino C; MiZüBr registry. Effect of Chronic Kidney Disease on 5-Year Outcome in Patients With Heart Failure and Secondary Mitral Regurgitation Undergoing Percutaneous MitraClip Insertion. *Am J Cardiol*. 2022 May 15;171:105-114.
9. Scotti A, Latib A, Rubbio AP, Testa L, Adamo M, Denti P, Melillo F, Taramasso M, Sisinni A, De Marco F, Grasso C, Giordano A, Bartorelli AL, Buzzatti N, Citro R, De Felice F, Indolfi C, Monteforte I, Villa E, Giannini C, Petronio AS, Crimi G, Tarantini G, Colombo A, Agricola E, Metra M, Zangrillo A, Margonato A, Tamburino C, Maisano F, Bedogni F, Godino C; MiZüBr and GIOTTO Investigators. Derivation and Validation of a Clinical Risk Score for COAPT-Ineligible Patients Who Underwent Transcatheter Edge-to-Edge Repair. *Am J Cardiol*. 2023 Jan 1;186:100-108.
 10. Sisinni A, Taramasso M, Praz F, Metra M, Agricola E, Margonato A, Fam N, Estevez-Loureiro R, Latib A, Messika-Zeitoun D, Conradi L, von Bardeleben RS, Sorajja P, Hahn RT, Caravita S, Maisano F, Adamo M, Godino C. Concomitant Transcatheter Edge-to-Edge Treatment of Secondary Tricuspid and Mitral Regurgitation: An Expert Opinion. *JACC Cardiovasc Interv*. 2023 Jan 23;16(2):127-139.
 11. Sisinni A, Casenghi M, Popolo Rubbio A, Berni A, Bedogni F, Barbato E. Update on Percutaneous Treatment for HFrEF: A Great Armamentarium for a Poor Ventricular Function. *Rev. Cardiovasc. Med*. 2023, 24(5), 128.
 12. Tusa M, Popolo Rubbio A, Sisinni A, Borin A, Barletta M, Grasso C, Adamo M, Denti P, Giordano A, De Marco F, Bartorelli AL, Montorfano M, Godino C, Citro R, De Felice F, Mongiardo A, Monteforte I, Villa E, Petronio AS, Giannini C, Munafò AR, Crimi G, Tarantini G, Testa L, Tamburino C, Bedogni F; GIOTTO Registry. Prognostic Significance of Flail Mitral Leaflet in Transcatheter Edge-to-Edge Repair for Primary Mitral Regurgitation. *Am J Cardiol*. 2023 Jun 16;200:178-187.
 13. Sisinni A, Estevez-Loureiro R. The K-clip™: Time for a new tricuspid valve focal annuloplasty system. *Int J Cardiol*. 2023 Nov 1;390:131234.
 14. Sisinni A, Estévez-Loureiro R, Caneiro-Queija B, Barreiro-Pérez M, Baz JA, Pazos P, Gonzalez-Ferreiro R, Iñiguez-Romo A. First-in-Human Treatment of Severe Tricuspid Regurgitation Using a Novel Cross-Caval Heterotopic Device. *JACC: Case Reports*. Volume 28, Part 1, 2023, 102103, ISSN 2666-0849.
 15. Popolo Rubbio A, Sisinni A, Moroni A, Adamo M, Grasso C, Casenghi M, Tusa MB, Barletta M, Denti P, Giordano A, De Marco F, Bartorelli AL, Montorfano M, Godino C, Agricola E, Citro R, De Felice F, Mongiardo A, Monteforte I, Villa E, Petronio AS, Giannini C, Crimi G, Masiero G, Tarantini G, Testa L, Tamburino C, Bedogni F, Giotto Registry OBOT. Impact of extra-mitral valve cardiac involvement in patients with primary mitral regurgitation undergoing transcatheter edge-to-edge repair. *EuroIntervention*. 2023 Nov 9:EIJ-D-23-00548.

Congress Oral Presentations

1. **Sisinni A**, Munafò A, Pivato CA, Adamo M, Taramasso M, Scotti A, Parlati ALM, Italia L, Voci D, Buzzatti N, Denti P, Ancona F, Marengo A, Sala A, Bodega F, Ruffo MM, Curello S, Castiglioni A, Montorfano M, de Bonis M, Alfieri O, Agricola E, Colombo A, Maisano F, Metra M, Margonato A, Godino C; MiZüBr registry. Effect of Chronic Kidney Disease on 5-Year Outcome in Patients With Heart Failure and Secondary Mitral Regurgitation Undergoing Percutaneous MitraClip Insertion. - GISE 2021, 5 – 8 October 2021
2. **Sisinni A**, Popolo Rubbio A, Tusa M, Borin A, Grasso C, Adamo M, Denti P, Giordano A, De Marco F, Bartorelli A, Montorfano M, Godino C, Citro R, De Felice F, Mongiardo A, Monteforte I, Villa E, Giannini C, Crimi G, Tarantini G, Testa L, Tamburino C, Bedogni F. Outcomes in percutaneous edge-to-edge mitral valve repair due to flail leaflets. - EuroPCR 2022, 16 - 20 May 2022
3. **Sisinni A**, Popolo Rubbio A, Poletti E, Casenghi M, Barletta M, Guerrini M, Testa L, De Marco F, Tusa M, Bedogni F. The unresponsive device: an extremely rare case of MitraClip complication. - EuroPCR 2022, 16 - 20 May 2022
4. **Sisinni A**, Popolo Rubbio A, Tusa M, Borin A, Barletta M, Grasso C, Adamo M, Denti P, Giordano A, De Marco F, Bartorelli AL, Montorfano M, Godino C, Citro R, De Felice F, Mongiardo A, Monteforte I, Villa E, Petronio AS, Giannini C, Munafò AR, Crimi G, Tarantini G, Testa L, Tamburino C, Bedogni F. Prognostic Significance of Flail Leaflet Etiology in Transcatheter Edge-to-Edge Mitral Valve Repair for Primary Mitral Regurgitation: Results from the Multicenter GIOTTO Registry. - GISE 2022, 11 – 14 October 2022
5. **Sisinni A**, Ribatti V, De Lio F, Cellucci S, Tundo F, Moltrasio M, Majocchi B, Dessanai M, Pizzamiglio F, Vettor G, Sicuso R, Bianchini L, Riva S, Tondo C, Fassini GM. Resistant left atrial appendage thrombus: time for a new therapeutic tool. Venice Arrhythmias 2022, 13 – 15 October 2022
6. **Sisinni A**, Popolo Rubbio A, Adamo M, De Marco F, Tusa M, Maisano F, Metra M, Testa L, Godino C, Bedogni F. COAPT-like profile and outcome according to medical therapy in patients undergoing MitraClip. PCR London Valves 2022, 27 – 29 November 2022
7. **Sisinni A**, Barletta M, Brambilla N, Agnifili ML, Testa L, Tusa M, Bedogni F. Don't push too far. EuroPCR 2023, 16 – 19 May 2023
8. **Sisinni A**, Popolo Rubbio A, Moroni A, Adamo M, Grasso C, Casenghi M, Tusa MB, Barletta M, Denti P, Giordano A, De Marco F, Bartorelli AL, Montorfano M, Godino C, Agricola E, Citro R, De Felice F, Mongiardo A, Monteforte I, Villa E, Petronio AS, Giannini C, Crimi G, Masiero G, Tarantini G, Testa L, Tamburino C, Bedogni F. Extra-Mitral Valve Cardiac Involvement in Patients with Primary Mitral Regurgitation Undergoing Transcatheter Edge-to-Edge Repair. - GISE 2023, 3 – 6 October 2023

Congress Accepted Abstracts

9. Godino C, Sisinni A, Munafò A, Scotti A, Taramasso M, Adamo M, Stella S, Ancona F, Ancona M, Parlati ALM, Agricola E, Ettori F, Margonato A, Montorfano M, Maisano F, Colombo A, MiZüBr registry. Mitral annulus dilation predicts significant mitral regurgitation recurrence or re-hospitalizations for heart failure after successful MitraClip implantation: preliminary results from Mi-Zu-Br registry. - EuroPCR 2019, 20 - 24 May 2019
10. Sisinni A, Godino A, Pivato C.A, Adamo M, Taramasso M, Scotti A, Munafò A, Sala A, Curello S, Agricola E, Colombo A, Alfieri O, Maisano F, Metra M, Margonato M, MiZüBr registry. Prognostic value of pre-operative atrial fibrillation in patients with heart failure and secondary mitral regurgitation undergoing percutaneous mitral valve repair with MitraClip, European Heart Journal, Volume 41, Issue Supplement_2, November 2020, ehaa946.1973. - ESC Congress 2020 – The Digital Experience, 29 August – 1 September 2020
11. Sisinni A, Munafò A, Pivato CA, Adamo M, Taramasso M, Maisano F, Metra M, Colombo A, Margonato A, Godino C, MiZüBr registry. Chronic kidney disease predicts 5-year adverse outcome in patients with heart failure and secondary mitral regurgitation undergoing percutaneous mitral valve repair with MitraClip. - EuroPCR 2021, 18 - 20 May 2021
12. Sisinni A, Poletti E, Alfonzetti E, Bandera F, Guazzi M. Speckle Tracking-Derived Left Atrial Stiffness Predicts Pulmonary Hemodynamic Parameters in Heart Failure Patients. - ACC 2021, 25 - 28 May, 2021
13. Poletti E, Sisinni A, Alfonzetti E, Bandera F, Guazzi M. Advanced Echocardiographic Evaluation of Right Ventricular-to-Pulmonary Circulation Coupling Predicts Inefficient Gas Exchange and Worse Prognosis - ACC 2021, 25 - 28 May, 2021
14. Popolo Rubbio A, Sisinni A, Moroni A, Adamo M, Brambilla N, Tusa M, Tarantini G, Tamburino C, Testa L, Bedogni F. Impact of extra-mitral valve cardiac involvement in primary mitral regurgitation – EuroPCR 2023, 16 – 19 May 2023

Milan, 12 November 2023

Antonio Sisinni

