

PERSONAL INFORMATION

Antonio Rizza



Sex | Date of birth | Nationality

WORK EXPERIENCE

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| 2008- Today | Cardiologist at the Division of Cardiology, Hemodynamics UO, of the Foundation "Gabriele Monasterio" CNR, Ospedale del Cuore in Massa, Tuscany (Italy).
Via Aurelia Sud – Loc. Montepepe, Massa (MS), Italy |
| February 2001- March 2008 | Employment with a fixed-term contract at the Istituto di Fisiologia Clinica of CNR Pisa - Massa. |

EDUCATION AND TRAINING

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| 10/27/2004 | Specialization in Cardiology, at the School of Specialization of the Faculty of Medicine and Surgery of the University of Ferrara. Thesis Title: "The carotid stenting in patients at high surgical risk". Speaker Chiar.mo Prof. Roberto Ferrari. |
| 01/28/1998 | Master's Degree in Medicine and Surgery
University of Pisa, Italy
Thesis Title: "Study of kinetics and biological effects of atrial natriuretic factor in patients with idiopathic dilated cardiomyopathy". Supervisor: Dr. Andrea Biagini. |
| 1988 | High School Graduation: Diploma di Maturità Scientifica.
Liceo Scientifico Statale "Lombardi Satriani", Petilia Policastro (Cz), Italy |

Membership Of Professional Associations:

- Sign up to the Order of Physicians of the Province of Pisa.
- Subscription to the National Medical Hospital Cardiologists.
- Subscription to the Italian Society of Cardiovascular Echography.
- Subscription to the Italian Society of Invasive Cardiology (GISE).
- Member of the European Association of Percutaneous Cardiovascular Interventions (EAPCI)

Mother tongue(s)	Italian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	A2	B2	A2	B2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

PUBLICATIONS

1. Botto N., Rizza A., Colombo M.G., Mazzone A.M., Manfredi S., Masetti S., Clerico A., Biagini A., Andreassi M.G. Evidence for DNA damage in patients with coronary artery disease. *Mutation Research* 2001; 493: 23-30.
2. Maria Grazia Andreassi, Nicoletta Botto, Antonio Rizza, Maria Giovanna Colombo, Cataldo Palmieri, Sergio Berti, Samantha Manfredi, Serena Masetti, Aldo Clerico, Andrea Biagini. Deoxyribonucleic acid damage in human lymphocytes after percutaneous transluminal coronary angioplasty. *J Am Coll Cardiol.* 2002 Sep 4;40(5):862-8. doi: 10.1016/s0735-1097(02)02042-9.
3. Masetti S., Botto N., Manfredi S., Colombo M.G., Rizza A., Vassalle C., Clerico A., Biagini A., Andreassi M.G. Interactive effect of the glutathione S-transferase genes and cigarette smoking on occurrence and severity of coronary artery risk. *J Mol Med.* 2003; 81: 488-494.
4. Botto N, Andreassi M.G., Manfredi S., Masetti S., Cocci F., Colombo M.G., Storti S., Rizza A., Biagini A. Genetic polymorphisms in folate and homocysteine metabolism as risk factors for DNA damage. *European Journal of Human Genetics* 2003; 11: 671-678.
5. Botto N., Andreassi M.G., Rizza A., Berti S., Bevilacqua S., Federici C., Palmieri C., Glauber M., Biagini A. C677T polymorphism of the methylenetetrahydrofolate reductase gene is a risk factor of adverse events after coronary revascularization. *International Journal of Cardiology* 2004; 96: 341-345.
6. Storti S., Cerillo A.G., Rizza A., Giannelli I., Fontani G., Glauber M., Clerico A. Coronary artery bypass grafting surgery is associated with a marked reduction in serum homocysteine and folate levels in the early postoperative period. *European Journal of Cardio-thoracic Surgery* 2004; 26: 682-686.
7. Botto N, Sbrana S, Trianni G, Andreassi MG, Ravani M, Rizza A, Al-Jabri A, Palmieri C, Berti S. An increased platelet-leukocytes interaction at the culprit site of coronary artery occlusion in acute myocardial infarction: a pathogenic role for "no-reflow" phenomenon? *Int J Cardiol.* 2007; 117: 123-30.
8. Rizza A., Sulcaj L., Glauber M., Trianni G., Palmieri C., Mariani M., Maffei S. and Berti S. Predictive value of less than moderate residual mitral regurgitation as assessed by transesophageal echocardiography for the short-term outcomes of patients with mitral regurgitation treated with mitral valve repair. *Cardiovasc Ultrasound* 2007; 5: 25.
9. Manfredi S, Federici C, Picano E, Botto N, Rizza A, Andreassi MG. GSTM1, GSTT1 and CYP1A1 detoxification gene polymorphisms and susceptibility to smoking-related coronary artery disease: A case-only study. *Mutat Res.* 2007; 621: 106-12.
10. Sbrana S, Della Pina F, Rizza A, Buffa M, De Filippis R, Gianetti J, Clerico A. Relationships between optical aggregometry (type born) and flow cytometry in evaluating ADP-induced platelet activation. *Cytometry B Clin Cytom.* 2008; 74: 30-9.
11. Basta G, Berti S, Cocci F, Lazzerini G, Parri S, Papa A, Battaglia D, Lubrano V, Del Turco S, Ravani M, Rizza A, De Caterina R, Marraccini P, Mazzone A. Plasma N-ε-(carboxymethyl)lysine levels are associated with the extent of vessel injury after coronary arterial stent. *Coron Artery Dis.* 2008; 19: 299-305.
12. Federici C, Botto N, Manfredi S, Rizza A, Del Fiandra M, Andreassi MG. Relation of increased chromosomal damage to future adverse cardiac events in patients with known coronary artery disease. *Am J Cardiol.* 2008; 102: 1296-300.
13. Sulcaj L, Rizza A, Glauber M, Trianni G, Palmieri C, Ravani M, Dibra A, Maffei S and Berti S. Influence of involvement of anterior leaflet versus posterior leaflet on residual regurgitation as assessed by transesophageal echocardiography in patients undergoing valve repair for mitral regurgitation due to mitral valve prolapse. *Cardiovascular Ultrasound.* 2009; 7:54.
14. Paradossi U, Palmieri C, Trianni G, Ravani M, Vaggetti M, Rizza A, Gianetti J, Cardullo S, Chabane H, Maffei S, Berti S. Tempo door-to-balloon e mortalità intraospedaliera nel paziente con infarto miocardico acuto con sopraslivellamento del tratto ST: esperienza di una rete integrata in una provincia dell'area nord-ovest della Toscana. *G Ital Cardiol.* 2010; 11: 386-392.
15. Palmieri C, Ravani M, Trianni G, Gianetti J, Vaggetti M, Rizza A, Paradossi U, Beqiri A, Berti S. Drug-eluting stents versus bare-metal stents in acute ST-segment elevation myocardial infarction. a single-center experience with long-term follow up. *J Invasive Cardiol.* 2010; 22: 151-8.

16. Cataldo Palmieri, Endrin Koni, Giuseppe Trianni, Marcello Ravani, Antonio Rizza, Marco Vagheti, Alberto Ranieri De Caterina, Sergio Berti. Percutaneous coronary intervention in an anomalously arising totally occluded circumflex coronary artery. *Cor et Vasa*. Volume 55, Issue 5, October 2013, Pages e445-e448. doi.org/10.1016/j.crvasa.2012.10.003.
17. Galli E., Rizza A., Remoli E., Tognarelli A., Palmieri C., Chiappino D., Berti S. Coronary-to- bronchial artery fistula in a patient with angina. *Journal of Cardiology Cases*. 2013; e45-e47.
18. Pastormerlo LE, Ciardetti M, Trianni G, Ravani M, Shlueter M, Vagheti M, Coceani M, Rizza A, Berti S, Palmieri C. Drug Eluting Balloon: A Multipurpose Tool for Coronary Revascularization With Optimal Long-Term Follow-Up Results. *J Interv Cardiol*. 2014; doi: 10.1111/joic.12154
19. Marchi F, Cerillo AG, Rizza A, Mariani M, De Caterina AR, Palmieri C, Maffei S, Berti S. Large Abdominal Aortic Aneurysm in a High-Risk Surgical Patient: Combined Percutaneous Transfemoral TAVI and EVAR Procedure. *J Heart Valve Dis*. 2015; 24: 310-2.
20. Berti S, Pastormerlo LE, Rezzaghi M, Trianni G, Paradossi U, Cerone E, Ravani M, De Caterina AR, Rizza A, Palmieri C. Left atrial appendage occlusion in high-risk patients with non-valvular atrial fibrillation. *Heart*. 2016 Aug 4. pii: heartjnl-2015-309150. doi: 10.1136/heartjnl-2015-309150.
21. Rizza A, Barletta V, Palmieri C, Berti S. Hybrid treatment of a huge complex aortic pseudo-aneurysm subsequent to a coarctation. *Interact CardioVasc Thorac Surg* 2017; doi:10.1093/icvts/ivx055.
22. Mazzone A, Scalese M, Paradossi U, Del Turco S, Botto N, De Caterina A, Trianni G, Ravani M, Rizza A, Molinaro S, Palmieri C, Berti S, Basta G. Development and validation of a risk stratification score for new-onset atrial fibrillation in STEMI patients undergoing primary percutaneous coronary intervention. *Int J Clin Pract*. 2018; 72: e13087. doi: 10.1111/ijcp.13087
23. Rizza A, De Caterina AR, Murzi M, Farneti PA, Palmieri C, Berti S. Double Carotid-Subclavian Bypass Followed by Endovascular Exclusion of a Kommerell Diverticulum and Bilateral Subclavian Artery Occlusion in a Right-Sided Aortic Arch. *JACC Cardiovasc Interv*. 2019 May 13;12(9):e81-e82. doi: 10.1016/j.jcin.2019.01.221.
24. Ferrer C, Cao P, Coscarella C, Ferri M, Lovato L, Campanini S, di Marzo L; TRIUmPH Registry Investigators. Italian Registry of double inner branch stent graft for arch Pathology (the TRIUmPH Registry). *J Vasc Surg*. 2019 Sep;70(3):672-682.e1. doi: 10.1016/j.jvs.2018.11.046.
25. Rizza A, Endrin Koni, Alberto De Caterina, Cataldo Palmieri, Sergio Berti. Resuscitative Endovascular Balloon Occlusion of the Femoral Artery (REBO-F) and stenting from the brachial access after Left Main Percutaneous Coronary Intervention. *Gazzetta Medica Italiana - Archivio per le Scienze Mediche Edizioni Minerva Medica*. 2021 May;180(5):243-6.
26. Antonio Rizza, Francesco Negro, Cataldo Palmieri, Sergio Berti. Effective Coiling of a Post-surgical Aortic Pseudoaneurysm. *Canadian Journal of Medicine* 3 (2021) 52-55.
27. Antonio Rizza, Cataldo Palmieri, Francesco Negro, Angelo Monteleone, Giuseppe Raffaele Trianni, Marcello Ravani, Sergio Berti. Two Cases of One-stage Procedure of TAVI and CERAB. *Canadian Journal of Medicine* 3(2021) 45-51.
28. Rizza A, De Caterina AR, Palmieri C, Berti S. Custom-made endograft with left subclavian artery branch in a patient with Takayasu aortitis complicated by type-B dissection and inflammatory involvement of the epiaortic vessels. *Interact Cardiovasc Thorac Surg*. 2021; 32: 328-329. doi: 10.1093/icvts/ivaa255.
29. Giuseppe Santoro, Alessandra Pizzuto, Antonio Rizza, MD, Magdalena Cuman, Duccio Federici, Massimiliano Cantinotti, Vitali Pak, Alberto Clemente, Simona Celi. Transcatheter Treatment of "Complex" Aortic Coarctation Guided by Printed 3D Model. *JACC: Case Reports*, Volume 3, Issue 6, June 2021, Pages 900-904.
30. Antonio Rizza, Francesco Negro, Alberto R. De Caterina, Cataldo Palmieri, Sergio Berti. Iatrogenic Brachiocephalic Artery Trunk Perforation Successfully Treated with Percutaneous Implantation of Covered Stent. *Canadian Journal of Medicine* 3 (2021) 61-64.

31. Antonio Rizza, MD; Francesco Negro MD; Cataldo Palmieri MD; Alberto Ranieri De Caterina; Giuseppe Raffaele Trianni; Marcello Ravani; Sergio Berti. One-Stage Procedure for High-Risk Patients with Aortic Valve Stenosis and Aortic Aneurysm; A Case Series. *Int Cardiovasc Res J.* 2021; 15(4): 2-6. [icrj.116847](https://doi.org/10.116847)
32. Murzi M, Farneti PA, Rizza A, Di Sibio S, Palmieri C, Solinas M. Hybrid Approach in Acute and Chronic Aortic Disease. *Medicina (Kaunas).* 2021 Dec 29;58(1):49.
33. Santoro G, Rizza A, Pizzuto A, Berti S, Cuman M, Gasparotti E, Capellini K, Cantinotti M, Clemente A, Celi S. Transcatheter Treatment of Ascending Aorta Pseudoaneurysm Guided by 3D-Model Technology. *JACC Case Rep.* 2022 Mar 16;4(6):343-347. [doi:10.1016/j.jaccas.2022.01.005](https://doi.org/10.1016/j.jaccas.2022.01.005).
34. Berti S, De Caterina AR, Esposito A, Rizza A, Gasbarri T, Ravani M. Balloon Fracture During TAVR: Effective and Repeatable Technique Not Written in the Textbook. *JACC Case Rep.* 2022 Apr 20;4(8):455-459. [doi: 10.1016/j.jaccas.2022.01.024](https://doi.org/10.1016/j.jaccas.2022.01.024).
35. Rizza A, Negro F, Palmeri S, Palmieri C, Murzi M, Credi G, Berti S. Penetrating Aortic Ulceration Treated with Castor Branched Aortic Stent Graft-A Case Series. *Int J Environ Res Public Health.* 2022 Apr 15;19(8):4809. [doi: 10.3390/ijerph19084809](https://doi.org/10.3390/ijerph19084809)
36. Rizza A, Negro F, Gasbarri T, Arpesani R, Ferro B, Roncucci P, Palmieri C, Sorbo S, Pasanisi EM, Solinas M, Berti S. Life-threatening paradoxical thromboembolism in a patient with patent foramen ovale. *Cardiovasc Ultrasound.* 2022 Nov 28;20(1):28. [doi: 10.1186/s12947-022-00298-x](https://doi.org/10.1186/s12947-022-00298-x).
37. Rizza A, Negro F, Palmieri C, Clemente A, Berti S. Coronary Artery Bypass Salvage With Branched Aortic Endograft in a Patient With Aortic Arch Ulcer. *JACC Case Rep.* 2022 Jul 20;4(14):851-853. [doi: 10.1016/j.jaccas.2022.04.023](https://doi.org/10.1016/j.jaccas.2022.04.023).
38. Antonio Rizza, Francesco Negro, Cataldo Palmieri, Sergio Berti. When the Bridge Becomes Procedural Route. Stenting of Left Common Carotid Artery-Graft Anastomosis through Left Carotid-Subclavian By-Pass. *Ann Case Report* 2022 7: 862. DOI: <https://doi.org/10.29011/2574-7754.100862>
39. Negro F, Gentile F, Rizza A, Giannoni A, Bianchi G, Clemente A, Emdin M, Palmieri C. Etiology, clinical presentation, and management of left main coronary artery aneurysms. *J Card Surg.* 2022 Nov;37(11):3675-3686. [doi: 10.1111/jocs.16870](https://doi.org/10.1111/jocs.16870).
40. Palmieri C, Sbrana F, Rizza A. Endovascular Management of Acute Postprocedural Abdominal Aortic - Iliac Limb Endograft Occlusions: A Case Series. *J Cardiovasc Echogr.* 2022 Jul-Sep;32(3):187-190. [doi: 10.4103/jcecho.jcecho_28_22](https://doi.org/10.4103/jcecho.jcecho_28_22).
41. Berchiolli R, Troisi N, Bertagna G, Colli A, Besola L, Silingardi R, Simonte G, Isernia G; Italian Najuta registry collaborators. A technical review of bail-out procedures to place Najuta stent-graft into the ascending aorta. *CVIR Endovasc.* 2023 Feb 21;6(1):7. [doi: 10.1186/s42155-023-00351-4](https://doi.org/10.1186/s42155-023-00351-4).
42. Rizza A, De Giorgi A, Negro F, Boari B, Palmieri C, Berti S, Manfredini R. Sex-related differences and chronobiology of ST-elevation myocardial infarction: findings from a single hub center in Italy. *Eur Rev Med Pharmacol Sci.* 2023 Feb;27(4):1540-1552. [doi: 10.26355/eurrev_202302_31397](https://doi.org/10.26355/eurrev_202302_31397).
43. Rizza A, Negro F, Mandigers TJ, Palmieri C, Berti S, Trimarchi S. Endovascular Intervention for Aortic Dissection Is "Ascending". *Int J Environ Res Public Health.* 2023 Feb 24;20(5):4094. [doi: 10.3390/ijerph20054094](https://doi.org/10.3390/ijerph20054094).
44. Rizza A, Negro F, Scalera S, Palmieri C, Santoro G, Berti S. Total Endovascular Treatment of Ascending Aorta Pseudoaneurysm After Bentall Procedure. *JACC Case Rep.* 2023 Mar 15;10:101764. [doi: 10.1016/j.jaccas.2023.101764](https://doi.org/10.1016/j.jaccas.2023.101764).
45. Isernia G, Simonte G, Orrico M, Silingardi R, Gaggiano A, Covic T, Ferri M, Lenti M, Mangialardi N; Italian Najuta Registry study group. Preliminary results from an Italian National Registry on the outcomes of the Najuta fenestrated aortic arch endograft. *J Vasc Surg.* 2023 May;77(5):1330-1338.e2. [doi: 10.1016/j.jvs.2022.12.059](https://doi.org/10.1016/j.jvs.2022.12.059).
46. Esposito A, Foffa I, Bastiani L, Vecoli C, Rizza A, Storti S, De Caterina AR, Mazzone A, Berti S. A Novel Frailty Score Based on Laboratory Parameters (FIMS Score) for the Management of Older Patients with Severe Aortic Stenosis. *J Clin Med.* 2023 Sep 12;12(18):5927. [doi: 10.3390/jcm12185927](https://doi.org/10.3390/jcm12185927).

47. Rizza A, Trimarchi G, Di Sibio S, Bastiani L, Murzi M, Palmieri C, Foffa I, Berti S. Preliminary Outcomes of Zone 2 Thoracic Endovascular Aortic Repair Using Castor Single-Branched Stent Grafts: A Single-Center Experience. *J Clin Med*. 2023 Dec 9;12(24):7593. doi: 10.3390/jcm12247593.
48. Trimarchi, Giancarlo; Benedetti, Giovanni; Palmieri, Cataldo; Rizza, Antonio. A Case of Type B Aortic Dissection: The Role of Transesophageal Ultrasound Guidance in Thoracic Endovascular Aortic Repair. *Journal of Cardiovascular Echography*. 33(3):148-152, Jul-Sep 2023.
49. Esposito A., De Caterina AR, Foffa I, Palmieri C, Berti S., Rizza A. Totally Percutaneous Abdominal and Thoracic Endovascular Aneurysmal Repair: 10-Year Experience of a Tertiary Cardiology Center. *Gazzetta Medica Italiana - Archivio per le Scienze Mediche* 2024 April;183(4):269-75. DOI: 10.23736/S0393-3660.23.05166-5.
50. Scarfò G, Daniele S, Chelucci E, Rizza A, Fusi J, Freggia G, Costa B, Taliani S, Artini P, Martini C, Franzoni F. Regular exercise delays microvascular endothelial dysfunction by regulating antioxidant capacity and cellular metabolism. *Sci Rep*. 2023 Oct 17;13(1):17671. doi: 10.1038/s41598-023-44928-4.
51. Benedetti G, Trimarchi G, Palmieri C, Rizza A. A Case Report of Aortic Intramural Hematoma: From Diagnosis to Endovascular Treatment Guided by Transesophageal Echocardiography. *Journal of Cardiovascular Echography*. *J Cardiovasc Echogr*. 2024 Apr-Jun;34(2):85-89.
52. Buonpane A, Trimarchi G, Palmieri C, Al Jabri A, Berti S, Rizza A. Kissing shockwave balloon in a case of extensive calcified abdominal aorta during transfemoral TAVI. *Curr Probl Cardiol*. 2024 May;49(5):102491. doi: 10.1016/j.cpcardiol.2024.102491.
53. Rizza A, Castiglione V, Capellini K, Palmieri C, Gasparotti E, Berti S, Celi S. Case Report: Role of numerical simulations in the management of acute aortic syndromes. *Front Cardiovasc Med*. 2024 Mar 6;11:1309840. doi: 10.3389/fcvm.2024.1309840.
54. Antonio Rizza, Angela Buonpane, Cataldo Palmieri, Luca Bastiani, Roberto Prunella, Antonio Fontana, Gaetano La Barbera and Nicola Tusini. Short-Term Outcomes of Endovascular Aortic Aneurysm Repair with the new Braile Biomédica® Total Custom-Made Abdominal Endograft: Experience from Three Italian Centers. *Current Problems in Cardiology*. 2024. DOI: 10.1016/j.cpcardiol.2024.1026989
55. Simona Sica, Giovanni Pratesi, Giovanni Rossi, Marco Ferraresi, Luigi Lovato, Pietro Volpe, Gian Franco Fadda, Michelangelo Ferri, Antonio Rizza, Mario D'Oria, Raimondo Micheli, Yamume Tshomba, Giovanni Tinelli; OSCAR (prOximal Sealing aortiC ARch) Collaborative Study Group. Proximal sealing in the aortic arch for inner curve disease using the Custom Relay scalloped and fenestrated stent graft. *J Vasc Surg*. 2024 Jul 26:S0741-5214(24)01657-4. doi: 10.1016/j.jvs.2024.07.086.
56. Leonardo Misuraca, Angela Buonpane, Giancarlo Trimarchi, Andrea Picchi, Federico Filippi, Antonio Biancofiore, Ugo Limbruno, Antonio Rizza. Covered Endovascular Reconstruction of Aortic Bifurcation Facilitated by Intravascular Lithotripsy With Shockwave Balloon: A Case Report. *Cureus*. 2024 Aug 14; 16 (8): e66874. doi: 10.7759/cureus. 66874.
57. Antonio Rizza, Cataldo Palmieri, Silvia Di Sibio and Michele Murzi. Hybrid Approach in Acute and Chronic Aortic Disease. *Interdiscip CardioVasc Thorac Surg* 2024, 39(4), ivae163. doi:10.1093/icvts/ivae163.
58. Enrico Gallitto, Paolo Spath, Gian Luca Faggioli, Francesco Saia, Tullio Palmerini, Michele Piazza, Mario D'Oria, Gioele Simonte, Antonio Cappiello, Giacomo Isernia, Guido Gelpi, Antonio Rizza, Gabriele Piffaretti, Mauro Gargiulo, the Italian Multicenter T/EVAR + TAVI Study's Group. *Eur J Cardiothorac Surg*. 2024 Oct 23;66(5):ezae379. doi: 10.1093/ejcts/ezae379.
59. Elisa Chelucci, Giorgia Scarfò, Rebecca Piccarducci, Antonio Rizza, Jonathan Fusi, Francesco Epifani, Sara Carpi, Beatrice Polini, Laura Betti, Barbara Costa, Sabrina Taliani, Vito Cela, Paolo Artini, Simona Daniele, Claudia Martini, Ferdinando Franzoni. Sex Differences in Blood Accumulation of Neurodegenerative-Related Proteins and Antioxidant Responses to Regular Physical Exercise. *Journal of Molecular Neuroscience* (2024) 74:105. doi.org/10.1007/s12031-024-02278-4.
60. Katia Capellini, Emanuele Gasparotti, Vincenzo Castiglione, Cataldo Palmieri, Sergio Berti, Antonio Rizza and Simona Celi. Computational Fluid Dynamics-Driven Comparison of Endovascular Treatment Strategies for Penetrating Aortic Ulcer. *J. Clin. Med*. 2025, 14, 1290. <https://doi.org/10.3390/jcm14041290>
61. Daher, J.; Rizza, A.; Tonacci, A.; Borghini, A. A Comprehensive Review of Radiotherapy-Induced Coronary Artery Disease - Epidemiology, Biological Mechanisms, and Preventive Strategies. *Int. J. Mol. Sci*. 2025, 26, 5401. <https://doi.org/10.3390/ijms26115401>

62. Di Sibio, S.; Pellegrini, G.; Turco, G.; Rizza, A.; Palmieri, C.; Farneti, P.A.; Credi, G.; Solinas, M.; Berti, S.; Murzi, M. Early and Long-Term Performance of Stent Grafts Released in Dacron vs. Native Ascending Aorta During Hybrid Aortic Arch Repair. *Surgeries* 2025, 6, 27. <https://doi.org/10.3390/surgeries6020027>

63. Rizza, A.; Di Sibio, S.; Buonpane, A.; Trimarchi, G.; Casula, M.; Murzi, M.; Farneti, P.; Palmieri, C.; Solinas, M.; Berti, S. A Clinical Case of Aneurysmal Dilatation of the Aortic Arch Distal to the Origin of an Aberrant Right Subclavian Artery Treated with Castor Single-Branch Stent Graft Implantation and Right Carotid-Subclavian Bypass. *J. Cardiovasc. Dev. Dis.* 2025, 12, 251. <https://doi.org/10.3390/jcdd12070251>

64. Sica, S.; Tinelli, G.; Borghese, O.; Dimri, M.; Dvir, M.; Minelli, F.; Rizza, A.; Bruno, P.; Massetti, M.; Tshomba, Y. Chronic Post-Traumatic Aortic Isthmus Pseudoaneurysm After Conservative Management of Grade II Injury: Why Is Continuous Follow-Up Mandatory? *J. Clin. Med.* 2025, 14, 1133. <https://doi.org/10.3390/jcm14041133>

65. Antonio Rizza, Marta Casula, Tommaso Gasbarri, Kristian Ujka, Cataldo Palmieri, Marco Solinas, Angelo Monteleone, Sergio Berti, and Giuseppe Santoro. Hybrid Approach as a Salvage Strategy for Post-Myocardial Infarction Ventricular Septal Defect. *JACC Case Rep.* 2025 Aug 20;30(24):104749. doi: 10.1016/j.jaccas.2025.104749.

BOOK:

"The Aorta at your fingertips: A student book". Antonio Rizza, Nicola Tusini. Edizioni Minerva Medica 2023. ISBN:978-88-5532-203-4

EDITORIAL BOARD E REVIEW

- Review Editor in “Aortic surgery and endovascular repair”, Frontiers in Cardiovascular Medicine. October 2022 to date.
- Guest Editor Special Issue “Endovascular Management of Diseases of the Aorta: From the Aortic Valve to the Iliac Arteries”. Journal of Clinical Medicine 2024.
- Guest Editor Special Issue “Cellular and Molecular Progression of Cardiovascular Diseases”. International Journal of Molecular Sciences 2024.
- Reviewer for “Journal of Cardiovascular Development and Disease”.
- Reviewer for “Biomolecules”.
- Reviewer for “Journal of Clinical Medicine”.
- Reviewer for “Diagnostics”.
- Reviewer for “Life”.
- Abstracts Reviewer for 55° Congresso Associazione Nazionale Medici Cardiologi Ospedalieri. Rimini, 16-18 maggio 2024.
- Abstracts Reviewer for 54° Congresso Associazione Nazionale Medici Cardiologi Ospedalieri. Rimini, 18-20 maggio 2023.
- Abstracts Reviewer for 53° Congresso Associazione Nazionale Medici Cardiologi Ospedalieri. Rimini, 19-21 maggio 2022.
- Abstracts Reviewer for 52° Congresso Associazione Nazionale Medici Cardiologi Ospedalieri. Rimini, 20 -22 maggio 2021.
- Abstracts Reviewer for 51° Congresso Associazione Nazionale Medici Cardiologi Ospedalieri. Rimini, 28 - 30 maggio 2020.
- Abstracts Reviewer for 50° Congresso Associazione Nazionale Medici Cardiologi Ospedalieri. Rimini, 16-18 maggio 2019.
- Abstracts Reviewer for 49° Congresso Associazione Nazionale Medici Cardiologi Ospedalieri. Rimini, 31 maggio - 2 giugno 2018.

- Abstracts Reviewer for 48° Congresso Associazione Nazionale Medici Cardiologi Ospedalieri. Rimini, 11-13 maggio 2017.
- Abstracts Reviewer for 47° Congresso Associazione Nazionale Medici Cardiologi Ospedalieri. Rimini, 2-4 giugno 2016.

SPEAKER AND TEACHING ACTIVITIES:

- *Speaker* at Sixtieth National Congress of the Italian Society of Cardiology. 11-15 December, 1999 Rome.
- *Speaker* at Thirty-first National Congress of Cardiology dell'ANMCO. 20-23 May, 2000, Florence.
- *Organizer* of the "Residential Course of Hemodynamics and Interventional Cardiology", "G. Pasquinucci" Hospital, 22-28 October 2000, Massa.
- Sixty-first National Congress of the Italian Society of Cardiology. 16-20 December, 2000, Rome.
- *Lecturer* at the "5th Residential Course of Hemodynamics and Interventional Cardiology", "G. Pasquinucci" Hospital, 7-12 May 2001 Massa.
- *Lecturer* in the context of the "Biomedical Instrumentation I" on the training course IFTS for biomedical equipment technicians, managed by the "G. Pasquinucci" Hospital, Massa, in collaboration with the Istituto Tecnico Industriale "A. Meucci" Massa, the ITAL-TBS company and the Province of Massa-Carrara.
- *Head researcher* for the Institute of Clinical Physiology - CNR "G. Pasquinucci" Hospital Massa of the TEMISTOCLE study, organized by ANMCO (National Association of Doctors Hospital Cardiologists) and FADO (Federation of Associations Executives Hospital Internists).
- *Head researcher* for the Institute of Clinical Physiology - CNR "G. Pasquinucci" Hospital Massa of the GISS-HF study, Italian Group for the Study of Survival in insufficient cardiac organized by ANMCO, the National Medical Association Hospital Cardiologists and Istituto di Ricerche Farmacologiche Mario Negri.
- *Speaker* at National Congress of the Italian Society of Invasive Cardiology (GISE) *Oral Communication* Session "PCI in the Elderly": "revascularization in patients over eighty years : not as Quasimodo" (Genoa 15-18 October 2003).
- *Speaker* at National Congress of the Italian Society of Invasive Cardiology (GISE) *Oral Communication* Session "Non Coronary Interventions": "Woody Allen-like: do not hurt my brain, it's my second favorite organ. Clinical significance of carotid stenting in atherosclerotic high risk patients" (Napoli 6-9 October 2004).
- *Speaker* at Twelfth Congress of Clinical Physiology-CNR *Oral Communication* "The carotid stenting in patients at high surgical risk." (CNR Pisa Area S. Cataldo, 13 December 2004).
- *Lecturer* in the session "Cardiovascular disease: non invasive diagnosis" of "10th Advanced Training Course in Cardiology, Cardiac Surgery and Related Anesthesia" organized by Scuola Superiore di Studi Universitari e di Perfezionamento S. Anna, Council of National Research - Institute of Clinical Physiology, Heart International School. "G. Pasquinucci" Hospital, Massa 11-15 April 2005. Report entitled: "Study of Sovraortic vessel"
- *Speaker* at National Congress of the Italian Society of Invasive Cardiology (GISE) *Oral Communication* "Artery-Carotid stenting with routine use of embolic protection device: short-and long-term results in a series of high risk surgical candidates" (Genoa September 2005).
- *Organizer and Discussant* at "Appunti di viaggio. Course of interventional radiology with live cases". "Pasquinucci" Hospital, Massa 27-28 October 2005.
- "*Chairman*" and *teacher* at "11th Advanced Training Course in Cardiology, Cardiac Surgery and Related Anesthesia" Preparatory COURSE organized by Scuola Superiore di Studi Universitari e di Perfezionamento S. Anna-Pisa, National Research Council-Institute of Clinical Physiology- Pisa, Heart International School-Bergamo. 7-18 November 2005. "G. Pasquinucci" Hospital, Massa. Report Title: "Evaluation and treatment of carotid artery stenosis".
- *Speaker* at the course "The patient with the infarctual disease undergoing invasive treatment " organized by Azienda USL 1 Massa Carrara - Tuscany Region. May 24, 2006.
- Multidisciplinary European Endovascular Therapy - Congress in 2006. June 2006 Cannes. *Oral Communication*: "Carotid artery stenting with cerebral protection in patients at high risk for surgery: results from a single center."
- Twenty-seventh National Congress of the Italian Society of Invasive Cardiology (GISE). Genoa 3-6 October 2006. *Oral Communication* "An increased platelet-leukocytes activation at the culprit site of coronary artery occlusion in acute myocardial infarction: a pathogenic role for" no-reflow "phenomenon."
- *Speaker* at the "The importance of monitoring blood pressure" 07/10/2006 Livorno. Organized by Chiesi. Title of the reports: "Hypertension and cardiovascular risk" and "Significance and monitoring of the PA."
- "*Lecturer*" at "12th Advanced Training Course in Cardiology, Cardiac Surgery and Related Anesthesia" Preparatory COURSE organized by Scuola Superiore di Studi Universitari e di Perfezionamento S. Anna,

Consiglio Nazionale delle Ricerche-Institute of Clinical Physiology, Heart International School. 6-17 November 2006. Ospedale "G. Pasquinucci" Massa. Title reports: "Evaluation and treatment of carotid artery stenosis" and "Management of low extremity peripheral arterial disease."

- *Speaker* at EuroPrevent Congress. 19-21 April 2007. Madrid, Spain. Title of *oral presentation* "In-Hospital and long-term outcome after carotid artery stenting (CAS) with embolic protection devices in elderly patients."
- *Lecturer* at "The hypertensive patients in the ambulatory of MMG and the center for the treatment of hypertension", organized by EUREKA srl. Title of report: "patients with hypertension and treatment of hypertension.". 26 May 2007 Lido di Camaiore.
- *Speaker* at National Congress of Cardiology of the National Medical Hospital Cardiologists. Title of *oral presentation* "Safety and efficacy of protected carotid artery stenting in elderly patients. A single center experience". 3-5 June 2007 Florence.
- *Organizer, Speaker and "scientific secretariat"* to "The cardiovascular continuum: from risk factors to treatment." Institute of Clinical Physiology - Consiglio Nazionale delle Ricerche and ANMCO Tuscany, at Ospedale "G. Pasquinucci", 9 June 2007, Massa.
- *Lecturer* at the "Cardiologie aperte : training in cardiovascular diagnostic" organized by ASL 4 "Chiavarese" 29 May - 23 June 2007.
- Multidisciplinary European Endovascular Therapy - Congress in 2007. June 2007 Cannes. *Oral communication*: "In-Hospital and long-term outcome after carotid artery stenting (CAS) with embolic protection devices in elderly patients"
- *Organizer, Speaker and "scientific secretariat"* at "The cardiovascular continuum: from risk factors to treatment." Institute of Clinical Physiology - Consiglio Nazionale delle Ricerche and ANMCO Tuscany, Ospedale "G. Pasquinucci" 29 September 2007, Massa.
- National Congress of the Italian Society of Invasive Cardiology (GISE). Genoa October 2007. *Oral Communication*: "Carotid artery stenting in elderly patients. A single center experience." *Oral Communication*: "The 64-ms cardioTC layers and coronarography compared."
- *Organizer, Speaker and "scientific secretariat"* a "framework for diagnostic and therapeutic acute coronary syndromes of UA / NSTEMI, at the Palazzo Ducale, Massa, October 18, 2007. Title of report: "The hemorrhagic complications."
- "*Lecturer*" at the "Cardiologie aperte : training in cardiovascular diagnostic" organized by ASL 4 "Chiavarese" 23 October - 29 November 2007.
- "*Lecturer*" at "13th International Master in Cardiology, Cardiac Surgery, Cardiac Radiology and Anesthesia related. Preparatory Course organized by Scuola Superiore di Studi Universitari e di Perfezionamento S. Anna, Consiglio Nazionale delle Ricerche-Institute of Clinical Physiology, Heart International School. November 5 - 16, 2007. Ospedale "G. Pasquinucci" Massa. Presentations entitled: "Evaluation and treatment of carotid artery stenosis" and "Management of low extremity peripheral arterial disease".
- "*Rapporteur*" under "Training in Cardiovascular Interventional" organized by National Research Council - Institute of Clinical Physiology, at "G. Pasquinucci" Hospital, Massa, (26-27 November 2007).
- "*Speaker*" at the course "The ischemic heart disease: from symptoms to diagnosis and treatment" Massa, Ospedale "G. Pasquinucci", 5 December 2007. Title of report: "symptoms and coronary risk factors."
- "*Lecturer*" in the project ADESSO organized by A.P.O.Ge.O. Florence, 2008.
- "*Lecturer*" in the project ASTRI organized by A.P.O.Ge.O. Florence, 2008.
- *Organizer, Speaker and "Scientific Secretariat"* SFERA Project (Selected Multifactorial Cases Interdisciplinary Approach). "G. Pasquinucci" Hospital, Massa, 12 and 19 September 2008. Presentation entitled: "The hypertensive patients post IMA"
- "*Chairman*" and *lecturer* at "14th International Master in Cardiology, Cardiac Surgery, Cardiac Radiology and related Anesthesia . Preparatory Course organized by Scuola Superiore di Studi Universitari e di Perfezionamento S. Anna, Consiglio Nazionale delle Ricerche-Institute of Clinical Physiology, Heart International School. November 2008. Ospedale "G. Pasquinucci" Massa. Presentations entitled: "Evaluation and treatment of carotid artery stenosis" and "Management of low extremity peripheral arterial disease."
- *Scientific Editorial Committee* within the project called "The atherosclerosis" organized by MEDA Pharma, Milan.

- “Organizer, Speaker and “Scientific Secretariat” under “Training in Cardiovascular Interventional, Fondazione” G. Monasterio “CNR - Regione Toscana, 26-27 January 2009, Hospital” G. Pasquinucci “Massa.
- “Rapporteur” at LA SETTIMANA “PER IL TUO CUORE “. Title of presentation: “Prevention is better than cure”. 14 February 2009, Sala della Resistenza, Palazzo della Provincia, Massa.
- “Rapporteur” at the “OXIDATIVE STRESS”. Role in Cardiovascular diseases. Approach Smile “. 27 June 2009 Lido di Camaiore (LU).
- “Organizer, Speaker and “Scientific Secretariat” under “Hot Topics in Medicina Cardiovascolare”. 1-2 October 2009. “G.Pasquinucci” Hospital, Massa.
- “Discussant” at “La cardiologia che guarda al futuro” Workshop organized by Regionale ANMCO-SIC Toscana per la sessione “Linee guida in ambito cardiovascolare”. Florence 10 November 2009.
- “Organizer, Speaker and “Scientific Secretariat” at the course “Non solo coronarie”. “G.Pasquinucci” Hospital, Massa 21 November 2009.
- “Speaker” “STRATEGIE DI CONTROLLO DEL RISCHIO CARDIOVASCOLARE”. “I fattori di rischio cardiovascolare” e “Il ruolo delle statine nelle Sindromi Coronariche Acute”. 27-28 March 2010 Gavi (AL).
- “Organizer, Speaker and “Scientific Secretariat” at the course “In rete: le Linee Guida sul trattamento delle NSTEMI-ACS”. 7 May 2010. Ospedale del Cuore “G.Pasquinucci” Massa.
- “Organizer, Speaker and “Scientific Secretariat” HOT TOPICS In Cardiovascular Medicine” 14-15 October 2010. Ospedale “G. Pasquinucci” Via Aurelia Sud • Loc. Montepepe • Massa.
- “Lecturer” at event “CONTACT: Confronto e condivisione sul Territorio degli Approcci e dei Criteri di Trattamento delle dislipidemie”. Fossdinovo, 28 May 2011
- “Lecturer” in the project “D.E.I. Delibere prescrittive e implicazioni legali”. Prato, 7 May 2011.
- “Organizer” of the event “Training Interventistica Cardiovascolare: “Coordinatore caso live”. Massa, 30-31 May 2011.
- “Speaker” at congress “Cardiopatia Ischemica oggi: Continuità assistenziale dopo l’evento acuto”. Venturina, 28 October 2011.
- “Panelist” at 33rd National Congress of Society of Invasive Cardiology (GISE) - COMPLEX ABDOMINAL THORACIC AORTIC DISEASE “Session: How to treat and Manage”- Genova, 3-5 October 2012.
- “Chairman” at the 34rd National Congress of Italian Society of Invasive Cardiology (GISE) “Session Carotid Interventions: Oral Communication”. Genova, 10 October 2013.
- Lecturer at Master “Innovation in Cardiac Surgery: Advances in Minimally Invasive Therapeutics” Title of the Lesson “Thoracic endovascular aortic repair” organized by Scuola Superiore Sant’Anna, Pisa 11 June 2014
- “Chairman” at the 35rd National Congress of Italian Society of Invasive Cardiology (GISE) “Session Carotid Interventions: Oral Communication”. Genova, 14 October 2014.
- “Lecturer” at “Focus Meeting” AAA/Complex Anatomies” titled “Challenging anatomies: Scheduled cases vs emergencies” in Barcellona, 24-25 October 2014.
- “Lecturer” at Master “Innovation in Cardiac Surgery: Advances in Minimally Invasive Therapeutics” Title of the Lesson “Thoracic endovascular aortic repair” organized by Scuola Superiore Sant’Anna, Pisa 14 January 2015.
- “Lecturer” at Master “Innovation in Cardiac Surgery: Advances in Minimally Invasive Therapeutics” Title of the Lesson “Thoracic endovascular aortic repair” organized by Scuola Superiore Sant’Anna, Pisa 10 June 2015.
- “Lecturer” at the 36rd National Congress of Italian Society of Invasive Cardiology (GISE) “Innovation IN EVAR SYMPOSIUM” titled “PEVAR: Why the cardiologist” Genova, 29 October 2015.
- “Lecturer” at the course “Clinical Grand Rounds & GETtoGETher” - “Sindromi Aortiche acute: opzioni terapeutiche attuali” Massa, 16 December 2015
- “Discussant” at “Misurazioni ed equivoci: sistemi a confronto”. Workshop JOTEC. 15 January 2016.
- “Lecturer” at Convention “Operare il cuore nel 2016: il paziente al centro” Title of presentation “Aorta: endovascular approach” Pisa, Scuola Superiore Sant’Anna, 02 April 2016
- Lecturer at Master Level II “Percutaneous interventional treatment of structural heart diseases”, I ed.a.a. 2015/2016” Title of the Lesson “Emostasi con Closure Devices: gestione in emergenza della rottura arteriosa e materiali per il trattamento” organized by Scuola Superiore Sant’Anna, Pisa 06 June 2016
- Abstract Reviewer for 47° Congresso Nazionale di Cardiologia ANMCO di Rimini 2-4 June 2016

- *Lecturer* at Master Level II “Percutaneous interventional treatment of structural heart diseases”, I ed.a.a. 2015/2016” Title of the Lesson “Patologia Aorta toracica e TEVAR planning; AAA and EVAR planning; Esercitazione pratica su work station” organized by Scuola Superiore Sant’Anna, Pisa 05 July 2016
- “*Speaker*” at congress “HeartToDate”. “Chirurgia vs. trattamento non chirurgico dell’aorta”. Scuola Superiore Sant’Anna, Pisa 22-24 June 2017
- *Faculty* at The 38th National Congress GISE 10-13 October 2017
- *Lecturer* at Master II Livello “Cardiologia interventistica cardiovascolare e strutturale” II ed. 2016/2017 Scuola Superiore Sant’Anna, Pisa 16-17 October 2017 title of the lesson: “Trattamento endovascolare della patologia aortica toracica”
- *Discussant* at congress Focus On: In & Out dalle Arterie – Lucca January 2018
- *Discussant* at Expert Forum: Tecniche Endovascolari a confronto. Portovenere 23 March 2018
- *Lecturer* at Master II Livello “Cardiologia interventistica cardiovascolare e strutturale” II ed. 2016/2017 Scuola Superiore Sant’Anna, Pisa 16-20 aprile 2018 Title of the lesson: “Thoracic endovascular aortic repair”
- *Speaker* at 3rd Focus “terapie di supporto in Oncologia “ Accademia Nazionale di Medicina e NICSO - Network Italiano Cure di Supporto in Oncologia 7-8 May 2018
- *Abstract Reviewer* for 49° Congresso Nazionale di Cardiologia ANMCO di Rimini 31 May-2 June 2018
- *Discussant* at 39th NATIONAL GISE CONGRESS - Milan, 16-19 October 2018
- *Speakers* at congress “8th International Congress Aortic Surgery Peripheral & Venous “How to do it” MILANO – ITALY December 13th - 15th, 2018
- *Abstract reviewer* for 50th Congresso Nazionale di Cardiologia ANMCO di Rimini 16 - 18 May 2019
- *Speaker* at XIII Vascular Club “Gigi Matricardi”, Torino, 27-29 May 2019
- *Discussant* at “Progetto NAO TEAM 2.0”, Livorno 30 May-3 June, 2019
- *Lecturer* for EXPERT MEETING New anticoagulants: from theory to practice – title of lesson “Antithrombotic therapy in the setting of coronary revascularization”. 2 July 2019, Viareggio.
- *Speaker* at “FOCUS SU TERAPIE DI SUPPORTO 2019”, 13-14 May 2019 Bologna.
- *Speaker* at Innovation Cardiovascular Therapeutics (ICT) Corso di alta formazione. Lecture entitled “Le patologie dell’arco aortico: trattamento chirurgico, ibrido e totalmente endovascolare”. 19-21 September 2019, Bari.
- *Speaker* at “NOVITÀ IN TEMA DI TERAPIACARDIOVASCOLARE lecturer entitled “Il trattamento antitrombotico nella fibrillazione atriale associata a malattia coronarica”. 10-11 October 2019, Bibbona, Livorno.
- *Speaker* at 40th National Congress of Italian Society of Invasive Cardiology (GISE). Presentation Title “Clinical Case 1- Aortic stenosis”. 16 October 2019 Genova.
- *Speaker* at “CAROTID DAY”. Presentation Title “The Interventional Cardiologist Approach”. 27 November 2019, Milano.
- *Speaker* at convention "Antithrombotic therapy in 2020: atrial fibrillation and beyond ...". Presentation Title “Aortic pathology: Is endovascular treatment for everyone?”
- Ospedale del Cuore Fondazione Toscana “G. Monasterio” Località Montepete (MS), 31 January 2020.
- *Speaker* at convention “1995-2020 25 years of thoracic endovascular surgery in Italy”. Round table of clinical cases. 7 February 2020 Modena.
- *Speaker* at “CORSO FAD SINCRONA / WEBINAR [HTTPS://FAD.EXECUTIVECONGRESS.IT/](https://fad.executivecongress.it/) CARDIOLOGIA INTERVENTISTICA STRUTTURALE E FARMACOLOGICA: LE NOVITÀ DEL 2020, MALGRADO IL 2020. March 2021
- *Speaker* at PE INDIGO ACADEMY The Management of Pulmonary Embolism April 27th, 2021
- *Speaker* at Castor™ and Hercules™ Masterclass 2021 “live cases for treatment of thoracic disease. 1st June 2021
- *Associate Faculty* at Veith Symposium. Presentation Title “Penetrating Aortic Ulceration treated with Castor Branched Aortic Stent Graft: An Italian Case Series”. 16-20 November 2021, Orlando USA
- *Associate Faculty* a Veith Symposium. Presentation Title “Percutaneous Treatment of Aortic Pseudoaneurysm. A Case Series “. 14-19 November 2022, NYC USA
- *Faculty* at HEART & AORTIC TEAM. URGENT TREATMENT EDITION. 9-10 May 2022 Perugia
- *Faculty* at Training Course for Najuta thoracic stentgraft system. 17-24 March 2023. Tokyo, Japan

- *Faculty, Speaker and Chairman* at course “Tecniche Avanzate per il trattamento Endovascolare della Dissezione di tipo B”. 16-17 March 2023, Malgrate Lecco.
- *Faculty* at “Indigo System™ Lightning™ Computer Assisted Vacuum Thrombectomy”. Presentation Title “High Thrombus Burden in ACS: Guidelines and treatment options”. 4-5 December 2023, Firenze.
- *Faculty* at “Endograft, Endovascular Global Roman Arterial Featured Therapies”. Presentation Title “Ascending Aorta Update on endovascular treatment” 18-20 May 2023, Roma.
- *Faculty* at “Emergenze in Chirurgia Vascolare”. Presentation Title “Aorta ascendente ed arco. New tecnology”. 24-25 June 2024, Reggio Calabria.
- *Faculty* at “3° Rome Peripheral Interventions” 14-15 June 2024, Roma.
- *Faculty* at “SciENCE 2024. International Symposium of Endovascular Surgery”. Presentation Title “Aneurysm and Dissections: Custom Made Devices for Aortic Arch”. 04-06 April 2024, São Paulo, Brazil.
- *Faculty* at “Endograft, Endovascular Global Roman Arterial Featured Therapies”. Presentation Title “Preliminary results on endovascular repair of zone 2 Thoracic aortic disease using single-branch castor stent grafts” 23-25 May 2024, Roma.
- *Faculty* at XII Endovascular Cup. CORSO DI CHIRURGIA ENDOVASCOLARE. 10-11 May 2024, Modena
- *Faculty* at “AORTIC DISSECTION PAST, PRESENT & FUTURE”. Presentation Title “Acute type B aortic dissection: Material of discussion”. 8 May 2024, Atene, Grecia.
- *Faculty* at “Complex Aortic Aneurysm: What's New In Sight”. 10-11 October 2024, Taranto.
- *Faculty* at “Mind the Aorta, Pioneering the Future: Conforming the Aortic Surgery to the Gold Standard”. Presentation Title “Single Branch endovascular for LSA - Castor”. 13-14 February 2025, Roma.
- *Faculty* at “Aortic Team”. Presentation Title “Endo-Bentall”. 15-16 September 2025, Perugia.

CLINICAL AND INTERVENTIONAL ACTIVITIES

The undersigned has over twenty years of hospital experience in cardiological and vascular Interventionalist. In the last ten years I performed no fewer than 5000 interventions in all fields of (most recent and traditional) interventional cardiology and endovascular surgery, including:

- more than 2500 coronarographies
- more than 1500 coronary angioplasties, of which half during myocardial infarction or acute coronary syndrome
- about 500 endovascular abdominal (EVAR) and thoracic aortic procedures (TEVAR), of which about 60 in the aortic arch;
- about 100 TAVR;
- about 100 carotid stenting;
- about 200 endovascular procedures on iliac, femoral and peripheral district;

I also have strong experience in procedures such as: temporary pacemaker, pericardiocentesis, cardiac biopsy, ECMO, Intra Aortic Balloon Pump (IAPB), Impella/ECMO, Left Atrial Appendage Closure Procedures, Transcatheter arterial embolization procedures.

Over the years, the undersigned has gained significant clinical, organisational and management experience in the diagnosis and treatment of acute and chronic cardiological and vascular diseases.

Specifically, he collaborates in the following activities

- management of adult cardiology/cardiac surgery hospitalisation, assisting the work of clinical cardiologists, cardiac surgeons, anaesthetists and radiologists. In this field, the activity is particularly focused on pre-surgical assessment or percutaneous cardiological pre-intervention and post-treatment management (from heart failure to rhythm disorders);
- ambulatory management of dedicated settings: ischaemic heart disease, valvular heart disease, myocardiodiopathy;
- instrumental diagnostics: transthoracic echocardiography, trans-oesophageal echocardiography, ecostress test, carotid and arterial eco-Doppler-TSA and lower limbs, ergometric test.
- management of the outpatient clinic of the aortic and vascular diseases.

The undersigned has also participated in the development of the Aortic Team and in this specific context carries out organisational and patient management activities, with particular reference to the planning and endovascular treatment of the aorta diseases. He has developed documented expertise in the management of the "aortic patient" from the first outpatient contact to post-procedural follow-up. The undersigned follows the patient's diagnostic-therapeutic "iter" by handling the planning of procedures and (in collaboration with engineering teams of the device' producers) the design of custom-made products.

In addition to the management of 'stable' patients, he is personally involved in the management of acute aortic syndromes and its complications.

Pisa 27.09.2025

Sincerely Antonio Rizza