

ROBERTO VALVO

Medical Doctor, Interventional Cardiologist

EDUCATION

09/2023 – 10/2024
Università Vita-Salute San
Raffaele, Milan, Italy

Master's Degree in Structural Interventional Cardiology

11/2018 – 11/2022
University of Catania, Italy

Board Certification in Cardiology and Cardiovascular Disease

Thesis in interventional cardiology "Management of Myocardial Revascularization in Patients With Stable Coronary Artery Disease Undergoing Transcatheter Aortic Valve Implantation", Prof. C. Tamburino, 70/70 cum laude.

03/2018
University of Catania, Italy

Medical license

OM SR 4332

11/2011 – 07/2017
University of Catania, Italy

Medical Degree

Thesis in Cardiology "Incidence of Long-Term Structural Valve Dysfunction and Bioprosthetic Valve Failure After Transcatheter Aortic Valve Replacement", Prof. D. Capodanno, 110/110 cum Laude

09/2007 – 07/2011
Siracusa, Italy

High School Diploma

High School Luigi Einaudi, 100/100

WORK EXPERIENCE

11/2023 - Today
IRCCS Policlinico San
Donato, Milan, Italy

Cardiologist, Interventional Cardiologist

02/2023 – 09/2023
ASP 8 Siracusa, Umberto I
Hospital, Italy

Interventional Cardiologist

Skills and competences in Electrocardiogram, TransThoracic Echocardiogram, Invasive Coronary Angiography, Percutaneous Coronary Angioplasty, Renal Denervation, Reducer Implant, LAAC, and Transcatheter mitral transcatheter edge-to-edge repair

11/2022 – 02/2023
ASP Catania, Italy

Clinical Cardiologist

SSN affiliated structure (Dimaiuta Dr.ssa Gisella Studio Cardiodiagnostico, Catania, Ct, Italy)

11/2018 – 11/2022
Policlinico "G. Rodolico-
S.Marco", Catania, Italy

Resident in Cardiology

Skills and competences in Electrocardiogram, TransThoracic Echocardiogram, Invasive Coronary Angiography, Percutaneous Coronary Angioplasty, Transcatheter Aortic Valve Implantation, Original Articles for Research

06/2018 – 09/2018
ASP 8 Siracusa, Italy

Continuity of Medical Assistance

01/2012 – 01/2013
Italian Red Cross, Ca Italy

Red Cross Volunteer

LANGUAGES

Italian Native Language

English B1

PUBBLICATIONS

2018

Journal of American Heart Association

1) Incidence of Long-Term Structural Valve Dysfunction and Bioprosthetic Valve Failure After Transcatheter Aortic Valve Replacement.

"Barbanti M, Costa G, Zappulla P, Todaro D, Picci A, Rapisarda G, Di Simone E, Sicuso R, Buccheri S, Gulino S, Pilato G, La Spina K, D'Arrigo P, Valvo R, Indelicato A, Giannazzo D, Immè S, Tamburino C, Patanè M, Sgroi C, Giuffrida A, Trovato D, Monte IP, Deste W, Capranzano P, Capodanno D, Tamburino C."

2019

Frontiers in Cardiovascular Medicine

2) Antithrombotic Therapy in Transcatheter Aortic Valve Replacement.

"Valvo R, Costa G, Tamburino C, Barbanti M."

2019

Frontiers in Cardiovascular Medicine

3) How to Avoid Coronary Occlusion During TAVR Valve-in-Valve Procedures.

"Valvo R, Costa G, Barbanti M."

2019

Expert Review in Cardiovascular Therapy

4) Early detection of transcatheter heart valve dysfunction.

"Valvo R, Criscione E, Reddavid C, Barbanti M."

2020

EuroIntervention

5) Predictors and safety of next-day discharge in patients undergoing transfemoral transcatheter aortic valve implantation.

"Costa G, Barbanti M, Picci A, Todaro D, La Spina K, Di Simone E, D'Arrigo P, Criscione E, Valvo R, Reddavid C, Deste W, Sgroi C, Tamburino C, Giuffrida A, Garretto V, Privitera G, Cannizzaro MT, Inserra C, Veroux P"

2020

JACC: Cardiovascular Intervention

6) Coronary Cannulation After Transcatheter Aortic Valve Replacement: The RE-ACCESS Study.

"Barbanti M, Costa G, Picci A, Criscione E, Reddavid C, Valvo R, Todaro D, Deste W, Condorelli A, Scalia M, Licciardello A, Politi G, De Luca G, Strazzieri O, Motta S, Garretto V, Veroux P, Giaquinta A, Giuffrida A, Sgroi C, Leon MB, Webb JG, Tamburino C."

2020

European Heart Journal: Supplement

7) The path of transcatheter aortic valve implantation: from compassionate to low-risk cases.

"Tamburino C, Valvo R, Criscione E, Reddavid C, Picci A, Costa G, Barbanti M."

2020

JACC: Cardiovascular Intervention

8) Transcatheter Treatment of Residual Significant Mitral Regurgitation Following TAVR: A Multicenter Registry.

"Witberg G, Codner P, Landes U, Barbanti M, Valvo R, De Backer O, Ooms JF, Sievert K, El Sabbagh A, Jimenez-Quevedo P, Brennan PF, Sedaghat A, Masiero G, Werner P, Overtchouk P, Watanabe Y, Montorfano M, Bijjam VR, Hein M, Fiorina C, Arzamendi D, Rodriguez-Gabella T, Fernández-Vázquez F, Baz JA, Laperche C, Grasso C, Branca L, Estévez-Loureiro R, Benito-González T, Amat Santos IJ, Ruile P, Mylotte D, Buzzatti N, Piazza N, Andreas M, Tarantini G, Sinning JM, Spence MS, Nombela-Franco L, Guerrero M, Sievert H, Sondergaard L, Van Mieghem NM, Tchetché D, Webb JG, Kornowski R."

2021

EuroIntervention

9) Effectiveness of Upfront Combined Strategy for Endovascular Hemostasis in Transfemoral Transcatheter Aortic Valve Implantation.

"Costa G, Valvo R, Picci A, Criscione E, Reddavid C, Motta S, Strazzieri O, Deste W, Giuffrida A, Garretto V, Cannizzaro MT, Inserra C, Veroux P, Giaquinta A, Sgroi C, Tamburino C, Barbanti M."

2021

10) Long-term outcomes after transcatheter aortic valve replacement in nonagenarians: a multicenter age-based analysis.

- Journal of Cardiovascular Medicine (Hagerstown)
- 2021
Catheterization and Cardiovascular Intervention
- 2021
JACC: Cardiovascular Intervention
- 2021
Journal of American Heart Association
- 2021
Cardiovascular Revascularization Medicine
- 2021
JACC: Cardiovascular Intervention
- 2021
Online Journal of Cardiology Research & Reports
- 2021
EuroIntervention
- 2021
Revista española de cardiología
- 2021
Cardiovascular Revascularization Medicine
- 2021
EuroIntervention
- "Costa G, Valvo R, Fiorina C, Adamo M, Giannini C, Testa L, Bruschi G, Poli A, De Felice F, Montorfano M, Maffeo D, Iadanza A, Reimers B, Bedogni F, Petronio AS, Tamburino C, Barbanti M."
- 11) Long-term outcomes of self-expanding versus balloon-expandable transcatheter aortic valves: Insights from the OBSERVANT study.**
"Costa G, D'Errigo P, Rosato S, Valvo R, Biancari F, Tamburino C, Cerza F, Cicala SD, Seccareccia F, Barbanti M; OBSERVANT Research Group."
- 12) Effect of Transcatheter Aortic Valve Replacement on Concomitant Mitral Regurgitation and Its Impact on Mortality.**
"Witberg G, Codner P, Landes U, Schwartzberg S, Barbanti M, Valvo R, De Backer O, Ooms JF, Islas F, Marroquin L, Sedaghat A, Sugiura A, Masiero G, Werner P, Armario X, Fiorina C, Arzamendi D, Santos-Martinez S, Fernández-Vázquez F, Baz JA, Steblovnik K, Mauri V, Adam M, Merdler I, Hein M, Ruile P, Grasso C, Branca L, Estévez-Loureiro R, Benito-González T, Amat-Santos IJ, Mylotte D, Andreas M, Bunc M, Tarantini G, Sinning JM, Nombela-Franco L, Søndergaard L, Van Mieghem NM, Finkelstein A, Kornowski R."
- 13) Impact of Morbid Obesity and Obesity Phenotype on Outcomes After Transcatheter Aortic Valve Replacement.**
McInerney A, Tirado-Conte G, Rodes-Cabau J, Campelo-Parada F, Tafur Soto JD, Barbanti M, Muñoz-García E, Arif M, Lopez D, Toggweiler S, Veiga G, Pylko A, Sevilla T, Compagnone M, Regueiro A, Serra V, Carnero M, Oteo JF, Rivero F, Barbosa Ribeiro H, Guimaraes L, Matta A, Giraldo Echavarria N, Valvo R, Moccetti F, Muñoz-García AJ, Lopez-Pais J, García Del Blanco B, Campanha Borges DC, Dumont E, Gonzalo N, Criscione E, Dabrowski M, Alfonso F, de la Torre Hernández JM, Cheema AN, Amat-Santos IJ, Saia F, Escaned J, Nombela-Franco L.
- 14) Externalization in Retrograde CTO-PCI: Is It Time to Upgrade the Algorithm?**
Piedimonte G, Venuti G, Valvo R, La Manna A.
- 15) Feasibility of Coronary Access in Patients With Acute Coronary Syndrome and Previous TAVR.**
Kim WK, Pellegrini C, Ludwig S, Möllmann H, Leuschner F, Makkar R, Leick J, Amat-Santos IJ, Dörr O, Breitbart P, Jimenez Diaz VA, Dabrowski M, Rudolph T, Avanzas P, Kaur J, Toggweiler S, Kerber S, Ranosch P, Regazzoli D, Frank D, Landes U, Webb J, Barbanti M, Purita P, Pilgrim T, Liska B, Tabata N, Rheude T, Seiffert M, Eckel C, Allali A, Valvo R, Yoon SH, Werner N, Nef H, Choi YH, Hamm CW, Sinning JM.
- 16) The Issue of Coronary Ostia Cannulation after Transcatheter Aortic Valve Implantation**
Roberto Valvo, Giuliano Costa, Corrado Tamburino and Marco Barbanti
- 17) Clinical outcomes of transcatheter aortic valve implantation in patients younger than 70 years rejected for surgery: the AMTRAC registry.**
Witberg G, Landes U, Codner P, Barbanti M, Valvo R, De Backer O, Ooms JFW, McInerney A, Masiero G, Werner P, Armario X, Fiorina C, Arzamendi D, Santos-Martinez S, Baz JA, Steblovnik K, Mauri V, Adam M, Merdler I, Hein M, Ruile P, Russo M, Musumeci F, Sedaghat A, Sugiura A, Grasso C, Branca L, Estevez-Loureiro R, Amat-Santos IJ, Mylotte D, Andreas M, Bunc M, Tarantini G, Nombela-Franco L, Søndergaard L, Van Mieghem NM, Finkelstein A, Kornowski R.
- 18) Predicting neocommissural orientation during TAVI workup.**
Barbanti M, Valvo R, Costa G.
- 19) Ultrasound versus fluoroscopy-guided femoral access for percutaneous coronary intervention of chronic total occlusions: Insights from FOUND BLOOD CTO Registry.**
Piedimonte G, Bertagnin E, Castellana C, Ferrarotto L, Mangione R, Venuti G, Valvo R, Scalia M, Capodanno D, Tamburino C, La Manna A.
- 20) Coronary artery cannulation after transcatheter aortic valve implantation.**
Valvo R, Costa G, Tamburino C, Barbanti M

- 2021**
Interact Cardiovasc Thorac Surg
- 21) Transcatheter aortic valve replacement in obese patients: procedural vascular complications with the trans-femoral and trans-carotid access routes**
Alperi A, McInerney A, Modine T, Chamandi C, Tafur-Soto JD, Barbanti M, Lopez D, Campelo-Parada F, Cheema AN, Toggweiler S, Saia F, Amat-Santos I, Oteo JF, Serra V, Dabrowski M, Abi-Akar R, Echavarría NG, Valvo R, Lopez-Pais J, Matta A, Arif M, Moccetti F, Compagnone M, Mohammadi S, Nombela-Franco L, Rodés-Cabau J.
- 2022**
International Journal of Cardiology
- 22) Transcatheter aortic valve implantation during COVID-19 pandemic: An optimized model to relieve healthcare system overload.**
Reddavid C, Costa G, Valvo R, Criscione E, Strazzieri O, Motta S, Frittitta V, Di Pietro E, Garretto V, Deste W, Sgroi C, Tamburino C, Barbanti M.
- 2022**
JACC: Case Report
- 23) Intentional Misalignment of a Transcatheter Aortic Valve to Preserve Reaccess to Coronaries of Anomalous Origin.**
Costa G, Sgroi C, Strazzieri O, Reddavid C, Valvo R, Motta S, Frittitta V, Di Pietro E, Tamburino C, Barbanti M.
- 2022**
Catheterization and Cardiovascular Intervention
- 24) Usefulness of intravascular ultrasound to assess coronary occlusion after transcatheter aortic valve replacement.**
Valvo R, Costa G, Tamburino C, Barbanti M
- 2022**
Journal of Clinical Medicine
- 25) One-Year Outcomes and Trends over Two Eras of Transcatheter Aortic Valve Implantation in Real-World Practice.**
Costa G, D'Errigo P, Rosato S, Biancari F, Marcellusi A, Tarantini G, Santoro G, Baiocchi M, Maffeo D, Fiorina C, Cerza F, Baglio G, Juvonen T, Badoni G, Valvo R, Seccareccia F, Barbanti M, Tamburino C, On Behalf Of The Observant II Research Group.
- 2022**
JACC: Cardiovascular Intervention
- 26) Sinus of Valsalva Sequestration Following Transcatheter-Based Management of ACURATE neo2 Valve Embolization.**
Costa G, Sgroi C, Valvo R, Barbanti M, Tamburino C.
- 2022**
Giornale Italiano di Cardiologia
- 27) Evolution of transcatheter aortic valve implantation from a high-volume Italian center: report of 2058 procedures over 15-year experience**
Tamburino C, Costa G, Frittitta V, Valvo R, Reddavid C, Criscione E, Strazzieri O, Motta S, Di Pietro E, Deste W, Veroux P, Garretto V, Sgroi C, Mignosa C, Giuffrida A, Barbanti M.
- 2022**
JACC: Cardiovascular Intervention
- 28) Center Valve Preference and Outcomes of Transcatheter Aortic Valve Replacement: Insights From the AMTRAC Registry.**
Witberg G, Landes U, Talmor-Barkan Y, Richter I, Barbanti M, Valvo R, De Backer O, Ooms JF, Islas F, Marroquin L, Sedaghat A, Sugiura A, Masiero G, Armario X, Fiorina C, Arzamendi D, Santos-Martinez S, Fernández-Vázquez F, Baz JA, Steblovnik K, Mauri V, Adam M, Merdler I, Hein M, Ruile P, Codner P, Grasso C, Branca L, Estévez-Loureiro R, Benito-González T, Amat-Santos IJ, Mylotte D, Bunc M, Tarantini G, Nombela-Franco L, Søndergaard L, Van Mieghem NM, Finkelstein A, Kornowski R.
- 2022**
JACC: Cardiovascular Intervention
- 29) Transcatheter Aortic Valve Replacement With the Latest-Iteration Self-Expanding or Balloon-Expandable Valves: The Multicenter OPERA-TAVI Registry.**
Costa G, Saia F, Pilgrim T, Abdel-Wahab M, Garot P, Valvo R, Gandolfo C, Branca L, Latib A, Santos IA, Mylotte D, De Marco F, De Backer O, Franco LN, Akodad M, Mazzapicchi A, Tomii D, Laforgia P, Cannata S, Fiorina C, Scotti A, Lunardi M, Poletti E, Mazzucca M, Quagliana A, Hennessey B, Meier D, Adamo M, Sgroi C, Reddavid CM, Strazzieri O, Motta SC, Frittitta V, Di Pietro E, Comis A, Melfa C, Thiele H, Webb JG, Søndergaard L, Tamburino C, Barbanti M
- 2022**
Minerva Cardiology and Angiology
- 30) Long-term outcomes of concomitant transcatheter aortic valve implantation and percutaneous coronary intervention.**
Valvo R, Costa G, Criscione E, Reddavid C, Strazzieri O, Motta S, Di Pietro E, Frittitta V, Carciotto G, Mignosa C, Inserra C, Sgroi C, Tamburino C, Barbanti M.
- 2022**
European Heart Journal: Supplement
- 31) Treatment in patients with severe asymptomatic aortic stenosis: is it best not to wait?**
Di Pietro E, Frittitta V, Motta S, Strazzieri O, Valvo R, Reddavid C, Costa G, Tamburino C.

- 2022**
Circulation: Cardiovascular Intervention
- 32) Real-World Multiple Comparison of Transcatheter Aortic Valves: Insights From the Multicenter OBSERVANT II Study.**
Costa G, Barbanti M, Rosato S, Seccareccia F, Tarantini G, Fineschi M, Salizzoni S, Valvo R, Tamburino C, Biancari F, Baglio G, Santoro G, Bajocchi M, D'Errigo P; OBSERVANT II Research Group.
- 2022**
Circulation: Cardiovascular Intervention
- 33) Management of Myocardial Revascularization in Patients With Stable Coronary Artery Disease Undergoing Transcatheter Aortic Valve Implantation.**
Costa G, Pilgrim T, Amat Santos JJ, De Backer O, Kim WK, Barbosa Ribeiro H, Saia F, Bunc M, Tchetché D, Garot P, Ribichini FL, Mylotte D, Burzotta F, Watanabe Y, De Marco F, Tesorio T, Rheude T, Tocci M, Franzone A, Valvo R, Savontaus M, Wienemann H, Porto I, Gandolfo C, Iadanza A, Bortone AS, Mach M, Latib A, Biasco L, Taramasso M, Zimarino M, Tomii D, Nuyens P, Sondergaard L, Camara SF, Palmerini T, Orzalkiewicz M, Steblovnik K, Degrelle B, Gautier A, Del Sole PA, Mainardi A, Pighi M, Lunardi M, Kawashima H, Criscione E, Cesario V, Biancari F, Zanin F, Joner M, Esposito G, Adam M, Grube E, Baldus S, De Marzo V, Piredda E, Cannata S, Iacovelli F, Andreas M, Frittitta V, Di Pietro E, Reddavid C, Strazzieri O, Motta S, Angellotti D, Sgroi C, Kargoli F, Tamburino C, Barbanti M; REVASC-TAVI Registry.
- 2023**
JACC: Cardiovascular Intervention
- 34) Balloon-Expandable Valve for Treatment of Self-Expanding Supra-Annular Valve Failure.**
Strazzieri O, Motta SC, Costa G, Valvo R, Reddavid C, Frittitta V, Di Pietro E, Melfa C, Comis A, Sgroi C, Tamburino C, Barbanti M.
- 2023**
JACC: Cardiovascular Intervention
- 35) Plug-Based Endovascular Closure of Large Bore Aortofemoral Graft Arteriotomy for Transcatheter Aortic Valve Replacement.**
Di Pietro E, Costa G, Valvo R, Reddavid C, Strazzieri O, Motta S, Frittitta V, Comis A, Melfa C, Giaquinta A, Veroux P, Sgroi C, Barbanti M, Tamburino C.
- 2024**
Eurointervention
- 36) Outcomes and predictors of left ventricle recovery in patients with severe left ventricular dysfunction undergoing transcatheter aortic valve implantation.**
Witberg G, Levi A, Talmor-Barkan Y, Barbanti M, Valvo R, Costa G, Frittitta V, de Backer O, Willemsen Y, van Der Dorpel M, Mon M, Suglura A, Sudo M, Masiero G, Pancaldi E, Arzamendi D, Santos-Martinez S, Baz JA, Steblovnik K, Mauri V, Adam M, Wienemann H, Zahler D, Hein M, Ruile P, Aodha BN, Grasso C, Branca L, Estévez-Loureiro R, Amat-Santos JJ, Mylotte D, Bunc M, Tarantini G, Nombela-Franco L, Sondergaard L, Van Mieghem NM, Finkelstein A, Kornowski R.
- 2024**
JACC Card Int
- 37) Evolut PRO and SAPIEN ULTRA Performance in Small Aortic Annuli: The OPERA-TAVI Registry.**
Scotti A, Sturla M, Costa G, Saia F, Pilgrim T, Abdel-Wahab M, Garot P, Gandolfo C, Branca L, Santos JA, Mylotte D, Bedogni F, De Backer O, Nombela Franco L, Webb J, Ribichini FL, Mainardi A, Andreaggi S, Mazzapicchi A, Tomii D, Laforgia P, Cannata S, Fiorina C, Fezzi S, Criscione E, Lunardi M, Poletti E, Mazzucca M, Quagliana A, Montarello N, Hennessey B, Mon-Noboa M, Akodad M, Meier D, De Marco F, Adamo M, Sgroi C, Reddavid CM, Valvo R, Strazzieri O, Motta SC, Frittitta V, Di Pietro E, Comis A, Melfa C, Calì M, Sammartino S, Laterra G, Thiele H, Sondergaard L, Tamburino C, Barbanti M, Latib A.
- 2024**
Am J Cardiol
- 38) Sex-Related Outcomes of Transcatheter Aortic Valve Implantation With Self-Expanding or Balloon-Expandable Valves: Insights from the OPERA-TAVI Registry.**
Adamo M, Branca L, Pezzola E, Saia F, Pilgrim T, Abdel-Wahab M, Garot P, Gandolfo C, Fiorina C, Sammartino S, Latib A, Santos JA, Mylotte D, De Marco F, De Backer O, Franco LN, Akodad M, Ribichini FL, Bedogni F, Laterra G, Mazzapicchi A, Tomii D, Laforgia P, Cannata S, Scotti A, Fezzi S, Criscione E, Poletti E, Mazzucca M, Valvo R, Lunardi M, Mainardi A, Andreaggi S, Quagliana A, Montarello N, Hennessey B, Mon-Noboa M, Meier D, Sgroi C, Reddavid CM, Strazzieri O, Motta SC, Frittitta V, Di Pietro E, Comis A, Melfa C, Calì M, Thiele H, Webb JG, Sondergaard L, Tamburino C, Metra M, Costa G, Barbanti M.

02/2019 Florence, Italy	Conoscere e Curare il Cuore Winner in the moderate section "Cardiac Surgery and Electrophysiology" with the abstract "Pacemaker Dependency After TAVI Incidence, Predictors and Long-term Outcomes" and presenter of the abstract "A rare TAVI complication"
10/2021 Milan, Italy	GISE National Congress Author of e-poster "Logistic and outcomes of TAVI during the COVID-19 pandemic"
10/2021 Florence, Italy	Conoscere e Curare il Cuore Winner in the moderate section "Miscellanea" with the abstract " Hemodynamic and Hospital Outcomes Comparison Between SAPIEN 3 And SAPIEN 3 ULTRA TAV" and author of the posters ""All routes lead to the aortic valve: which one is better?" and "Treatment of severe aortic stenosis in high-risk patient with extreme horizontal aorta and giant ascending aortic aneurysm"
11/2021 London, UK	PCR – London Valve Course Presente of oral communication "Long-term Outcomes of Concomitant TAVI and PCI" and co-author of "All routes lead to the aortic valve: which one is better?" and "Logistic and outcomes of TAVI during the COVID-19 pandemic".
10/2022 Florence, Italy	Conoscere e Curare il Cuore Winner in the section "Coronary artery disease" with the abstract "Managment of myocardial revascularization in patients with stable Coronary artery disease undergoing transcatheter aortic valve implantation"

OTHER

2023	Principal investigator for ASP Siracusa Umberto I Hospital for the multicenter registry RIGHT-MARE (NCT05713201)
07/2021	Certificate of completion "Medidata Imaging Navigation" Medical Imaging Clinical Trials and Rave EDC
2011	EDCL Certificate
XX	Reviewer for several journals, such as: Frontiers in Cardiovascular medicine, BMC Cardiovascular Disorders
2023	Review Editor for Frontiers in Cardiovascular Medicine

Milan, Italy, 16/10/2024

