



SOCIETA' ITALIANA DI CHIRURGIA CARDIACA
ITALIAN SOCIETY FOR CARDIAC SURGERY

Presidente:
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Domenico Paparella
Francesco Pollari

Consigliere Junior
Gianpiero Buttiglione

**Responsabile Dominio
Cardiopatie Congenite**
Vladimiro Vida

**Rappresentante della
Fondazione
Cuore Domani**
Alessandro Parolari

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PROGRAMMA FAD SICCH

- **Le aortopatie congenite**, relatore Vladimiro Vida (durata: 46')
- **Mitral valve regurgitation and Barlow disease**, relatrice Cristina Barbero (durata: 47'04")
- **Surgical Strategies in the treatment of HOCM**, relatore Giuseppe Raffa (durata: 54'27")
- **Surgery of complex infective endocarditis**, relatrice Calogera Pisano (durata: 53'29")
- **Aortic valve sparing operation – David procedure**, relatore Domenico Paparella (durata: 59'22")

Il programma prevede 5 ore di filmati che dovranno essere accompagnati da almeno 2 ore di approfondimento al fine di potere acquisire in modo efficace le competenze che si prefigge il corso

CURRICULUM VITAE

BIOGRAPHICAL

Name: Giuseppe Maria Raffa

Business Address: via Tricomi n5, 90127;
Palermo

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Palermo

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EDUCATION and TRAINING

UNDERGRADUATE

<i>Dates Attended</i>	<i>Name and Location of Institution</i>	<i>Degree Received and Year</i>	<i>Major Subject</i>
1992-1997	Liceo Scientifico Archimede	1997	High School

GRADUATE

<i>Dates Attended</i>	<i>Name and Location of Institution</i>	<i>Degree Received and Year</i>	<i>Major Subject</i>
1997-2003	University of Messina, School of Medicine	Medical Doctor, 2003	Thesis: "Surgical treatment of congestive heart failure" Scoring: 110/110 "cum laude"
2003	Italian Board of Medicine	Medical Licensure, 2003	

POSTGRADUATE

<i>Dates Attended</i>	<i>Name and Location of Institution</i>	<i>Degree Received and Year</i>	<i>Major Subject</i>
August 1999	University of Donetsk, Ukraina	1999	Visiting fellow at Neurosurgery Unit

August 2000	American University of Beirut, Lebanon	2000	Visiting fellow at General Surgery Unit
January - May 2002	Imperial College of London, England	2002	ERASMUS exchange program at St. Mary's Hospital
August 2002	University of Wroclaw, Poland	2002	Visiting fellow at Pediatric Surgery Unit
2007-2008	Karolinska Universitetssjukhuset, Thoraxkliniken Stockholm, Sweden	2007-2008	Cardiac Surgery Fellow
2013-2015	IRCCS-ISMETT Mediterranean Institute for Transplantation and Advanced Specialized Therapies University of Pittsburgh Medical Centre via Tricomi n 5 – 90100 Palermo	2015	Cardiac Surgery Fellowship
April 2015-July 2015	Presbyterian Hospital- Mc Gowan Institute University of Pittsburgh Medical Centre Pittsburgh, PA, USA.	2015	Visiting research fellow
May 2017 to December 2019	Cardio-Thoracic Surgery Dept, Maastricht University Medical Centre, Universiteitssingel 40, 6229 ER Maastricht, The Netherlands Mentor: Roberto Lorusso Thesis: ECMO in Post-Cardiotomy shock	2019	Doctor of Philosophy (PhD) Degree

APPOINTMENTS and POSITIONS

ACADEMIC

<i>Years Inclusive</i>	<i>Name and Location of Institution or Organization</i>	<i>Rank/Title</i>
From 2025 to date	University of Palermo	Research fellow in Cardiac Surgery
From 2022 to date	School of Medicine, Department of Cardiothoracic Surgery University of Pittsburgh 200 Lothrop Street, C700 Pittsburgh, Pennsylvania 15213	Clinical Associate Professor of Cardiothoracic Surgery
From 2016 to 2021	School of Medicine, Department of Cardiothoracic Surgery University of Pittsburgh 200 Lothrop Street, C700 Pittsburgh, Pennsylvania 15213	Clinical Assistant Professor of Cardiothoracic Surgery

NON-ACADEMIC

<i>Years Inclusive</i>	<i>Name and Location of Institution or Organization</i>	<i>Rank/Title</i>
January 2009 - June 2009	The Salam Centre for Cardiac Surgery; Emergency NGO Khartoum, Sudan	Assistant of Cardiac Surgery
November 2009 – April 2013	Cardiac Surgery Unit Istituto Clinico Humanitas, Humanitas Mirasole S.p.A. Via Manzoni, 56 - 20089 Rozzano, Milano	Assistant of Cardiac Surgery
January 2016 to date	IRCCS-ISMETT Mediterranean Institute for Transplantation and Advanced Specialized Therapies University of Pittsburgh Medical Centre via Tricomi n 5 – 90100 Palermo	Attending of Cardiac Surgery

CERTIFICATION and LICENSURE

SPECIALTY CERTIFICATION:

<i>Certifying Board</i>	<i>Year</i>
Cardiac Surgery University of Pavia, School of Medicine Pavia, Italy.	2008 Thesis: "Domino Heart Transplantation at University of Pavia" Scoring: 50/50

MEDICAL or OTHER PROFESSIONAL LICENSURE:

<i>Licensing Board/State</i>	<i>Year</i>
Italy	2003

MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

<i>Organization</i>	<i>Year</i>
Cardio-Thoracic Surgery Network	2008
Italian Society of Cardiac Surgery	2015
The Society of Thoracic Surgeons (ID: 261160)	2015
The Extracorporeal Life Support Organization (ELSO) (#2144223)	2016
Member of Associazione Nazionale Medici Cardiologi Ospedalieri (ANMCO)	2017
Member of Società Italiana di Cardiologia (SIC)	2017

HONORS

<i>Title of Award</i>	<i>Year</i>
Alata Solertia Prize Movimento Nuova Presenza "Giorgio La Pira"	2008
Cardiac Surgical movie Prize, "Bentall-De Bono" Composite graft in a Marfan Patient with Severe Pectus Excavatum	2016

Society for Cardiothoracic Surgery in Great Britain & Ireland	
Vincenzo Masini Prize (5.000 Euro) 48 ANMCO (National Association of Italian Cardiologists) Conference "Flow-mediated mechanism of aneurysm formation in bicuspid aortic valve"	2017

PUBLICATIONS

SCOPUS Author ID: 25632752900

ResearcherID: J-8612-2016

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h-Index (Web of Science): 28

h-Index (Scopus): 34

1. ORIGINAL PEER REVIEWED ARTICLES

1. Treatment of ascending aorta disease with Bentall-De Bono operation using a mini-invasive approach. Perrotta S, Lentini S, Rinaldi M, D'armini AM, Tancredi F, **Raffa G**, Gaeta R, Viganó M. J Cardiovasc Med (Hagerstown). 2008;9(10):1016-22.
2. Aortic valve replacement by ministernotomy in redo patients with previous left internal mammary artery patent grafts. Gaeta R, Lentini S, **Raffa G**, Pellegrini C, Zattera G, Viganò M. Ann Thorac Cardiovasc Surg. 2010;16(3):181-6.
3. Domino heart transplantation: long-term outcome of recipients and their living donors: single center experience. **Raffa GM**, Pellegrini C, Viganó M. Transplant Proc. 2010;42(9):3688-93.
4. Endothelin-1 and Brain Natriuretic Peptide plasma levels decrease after aortic surgery. **Raffa GM**, Jackson V, Liska J, Eriksson MJ, Caidahl K, Eriksson P, Cereceda AF. J Heart Valve Dis. 2010 Nov;19(6):724-30.
5. Incidence of neoplastic disease following lung transplantation: a 17-year single centre experience. Pellegrini C, Nicolardi S, Savasta M, Totaro P, Meloni F, Ippoliti G, Oggionni T, **Raffa G**, D'Armini AM, Viganò M. Transplant Proc. 2011 May;43(4):1156-8.
6. Bicuspidy does not affect reoperation risk following aortic valve reimplantation. Malvindi PG, **Raffa GM**, Basciu A, Citterio E, Cappai A, Ornaghi D, Tarelli G, Settepani F. Interact Cardiovasc Thorac Surg. 2012 Jun;14(6):717-20.
7. Fish oil and postoperative atrial fibrillation: the Omega-3 Fatty Acids for Prevention of Post-operative Atrial Fibrillation (OPERA) randomized trial. Mozaffarian D, Marchioli R, Macchia A, Silletta MG, Ferrazzi P, Gardner TJ, Latini R, Libby P, Lombardi F, O'Gara PT, Page RL, Tavazzi L, Tognoni G; **OPERA Investigators**. JAMA. 2012 Nov 21;308(19):2001-11.

8. Minimally invasive direct coronary artery bypass in the era of percutaneous coronary intervention. **Raffa GM**, Malvindi PG, Ornaghi D, Citterio E, Cappai A, Basciu A, Barbone A, Fossati F, Tarelli G, Settepani F. *J Cardiovasc Med (Hagerstown)*. 2015 Feb;16(2):118-24.
9. Analysis of postsurgical aortic false aneurysm in 27 patients. Malvindi PG, Cappai A, **Raffa GM**, Barbone A, Basciu A, Citterio E, Ornaghi D, Tarelli G, Settepani F. *Tex Heart Inst J*. 2013;40(3):274-80.
10. David operation: single center 10-year experience. Malvindi PG, Cappai A, Basciu A, **Raffa GM**, Barbone A, Citterio E, Ornaghi D, Tarelli G, Settepani F. *J Cardiovasc Surg (Torino)*. 2015 Aug;56(4):639-45.
11. Systemic or Endoventricular Thrombolysis to Treat HeartWare Left Ventricle Assist Device Thrombosis: A Clinical Dilemma. **Raffa GM**, D'Ancona G, Sciacca S, Pietrosi A, Hernandez Baravoglia CM, Turrisi M, Romano G, Armario A, Stringi V, Clemenza F, Pilato M. *Artif Organs*. 2015 Jun;39(6):526-9.
12. Off-Pump CABG Improves Short-Term Outcomes in High Risk Patients As Compared to On-Pump CABG: Meta-analysis. Kowalewski M, Pawlitzak W, Malvindi PG; Boksanski MP; Perlinski D; **Raffa GM**; Kowalkowska ME; Zaborowska K; Navarese EP; Kolodziejczak M; Kowalewski J; Tarelli G; Taggart DP; Anisimowicz L. *J Thorac Cardiovasc Surg*. 2016 Jan;151(1):60-77.e58.
13. Safety and efficacy of miniaturized extracorporeal circulation when compared with off-pump and conventional coronary artery bypass grafting: evidence synthesis from a comprehensive Bayesian-framework network meta-analysis of 134 randomized controlled trials involving 22 778 patients. Kowalewski M, Pawlitzak W, **Raffa GM**, Malvindi PG, Kowalkowska ME, Zaborowska K, Kowalewski J, Tarelli G, Taggart DP, Anisimowicz L. *Eur J Cardiothorac Surg*. 2016 May;49(5):1428-40. doi: 10.1093/ejcts/ezv387
14. Constitutive modeling of ascending thoracic aortic aneurysms using microstructural parameters. Pasta S, Phillippi JA, Tsamis A, D'Amore A, **Raffa GM**, Pilato M, Scardulla C, Watkins SC, Wagner WR, Gleason TG, Vorp DA. *Med Eng Phys*. 2016 Feb;38(2):121-30.
15. Early Distal Remodeling after Elephant Trunk Repair of Thoraco-Abdominal Aortic Aneurysms. **Raffa GM**, Pasta S, Gentile G, Scardulla F, Wu B, D'Ancona G, Follis F, Pilato M. *J Biomech*. 2015 Dec 31
16. Cerebrovascular Events After No-Touch Off-Pump Coronary Artery Bypass Grafting, Conventional Side-Clamp Off-Pump Coronary Artery Bypass, and Proximal Anastomotic Devices: A Meta-Analysis. Pawlitzak W, Kowalewski M, **Raffa GM**, Malvindi PG, Kowalkowska ME, Szwed KA, Borkowska A, Kowalewski J, Anisimowicz L. *J Am Heart Assoc*. 2016 Feb 18;5(2).
17. PIWI-interacting RNA (piRNA) signatures in human cardiac progenitor cells. Vella S, Gallo A, Lo Nigro A, Galvagno D, **Raffa GM**, Pilato M, Conaldi PG. *Int J Biochem Cell Biol*. 2016 Apr 27;76:1-11.

18. Heart transplant program at IRCCS-ISMETT: impact of mechanical circulatory support on pre- and post-transplant survival. **Raffa GM**, Di Gesaro G, Sciacca S, Tuzzolino F, Turrisi M, Falletta C, Minà C, Romano G, Vitale G, Panarello G, Clemenza F, Pilato M. *Int J Cardiol.* 2016 Sep 15;219:358-61.
19. Risk of stroke with "no-touch" – As compared to conventional off-pump coronary artery bypass grafting. An updated meta-analysis of observational studies. Kowalewski M, Suwalski P, Pawliszak W, Benetti F, **Raffa GM**, Malvindi PG, Carrel T, Paparella D, Anisimowicz L. *Int J Cardiol.* 2016 Aug 3;222:769-771.
20. Meta-analysis of uninterrupted as compared to interrupted oral anticoagulation with or without bridging in patients undergoing coronary angiography with or without percutaneous coronary intervention. Kowalewski M, Suwalski P, **Raffa GM**, Słomka A, Kowalkowska ME, Szwed KA, Borkowska A, Kowalewski J, Malvindi PG, Undas A, Windyga J, Pawliszak W, Anisimowicz L, Carrel T, Paparella D, Lip GY. *Int J Cardiol.* 2016 Aug 4;223:186-194.
21. Clinical Safety and Effectiveness of Endoaortic as Compared to Transthoracic Clamp for Small Thoracotomy Mitral Valve Surgery: Meta-Analysis of Observational Studies. Kowalewski M, Malvindi PG, Suwalski P, **Raffa GM**, Pawliszak W, Perlinski D, Kowalkowska ME, Kowalewski J, Carrel T, Anisimowicz L. *Ann Thorac Surg.* 2016 Oct 17. pii: S0003-4975(16)31140-7. doi: 10.1016/j.athoracsur.2016.08.072.
22. Three-dimensional parametric modeling of bicuspid aortopathy and comparison with computational flow predictions. Pasta S, Gentile G, **Raffa GM**, Scardulla F, Bellavia D, Luca A, Pilato M, Scardulla C. *Artif Organs.* 2017 Feb 10. doi:10.1111/aor.12866.
23. Clinical relevance of the International Society for Heart and Lung Transplantation consensus classification of primary graft dysfunction after heart transplantation: Epidemiology, risk factors, and outcomes. Sabatino Mario, Vitale Giuseppe, Manfredini Valentina, Masetti Marco, Borgese Laura, **Raffa G**, Loforte Antonio, Suarez Sofia Martin, Falletta Calogero, Marinelli Giuseppe, Clemenza Francesco, Grigioni Francesco, Potena Luciano (2017). *THE JOURNAL OF HEART AND LUNG TRANSPLANTATION*, ISSN: 1053-2498, doi: <http://dx.doi.org/10.1016/j.healun.2017.02.014>.
24. In Silico Shear and Intramural Stresses are Linked to Aortic Valve Morphology in Dilated Ascending Aorta. Pasta S, Gentile G, **Raffa GM**, Bellavia D, Chiarello G, Liotta R, Luca A, Scardulla C, Pilato M. *Eur J Vasc Endovasc Surg.* 2017 Jun 24.
25. Meta-analysis to assess the effectiveness of topically used vancomycin in reducing sternal wound infections after cardiac surgery. Kowalewski M, **Raffa GM**, Szwed KA, Anisimowicz L. *J Thorac Cardiovasc Surg.* 2017 Jun 9.
26. In Vivo Strain Analysis of Dilated Ascending Thoracic Aorta by ECG-Gated CT Angiographic Imaging. Pasta S, Agnese V, Di Giuseppe M, Gentile G, **Raffa GM**, Bellavia D, Pilato M. *Ann Biomed Eng.* 2017 Sep 7. doi: 10.1007/s10439-017-1915-4.
27. Comparative performance of transcatheter aortic valve-in-valve implantation versus conventional surgical redo aortic valve replacement in patients with degenerated aortic valve bioprostheses: systematic review and meta-analysis. Gozdek M, **Raffa GM**, Suwalski

- P, Kolodziejczak M, Anisimowicz L, Kubica J, Navarese EP, Kowalewski M; SIRIO-TAVI group. *Eur J Cardiothorac Surg*. 2017 Sep 8. doi: 10.1093/ejcts/ezx347.
28. Heart valve scaffold fabrication: Bioinspired control of macro-scale morphology, mechanics and micro-structure. D'Amore A, Luketich SK, **Raffa GM**, Olia S, Menallo G, Mazzola A, D'Accardi F, Grunberg T, Gu X, Pilato M, Kameneva MV, Badhwar V, Wagner WR. *Biomaterials*. 2017 Oct 6;150:25-37. doi: 10.1016/j.biomaterials.2017.10.011.
 29. In-hospital outcome of post-cardiotomy extracorporeal life support in adult patients: the 2007-2017 Maastricht experience. **Raffa GM**, Gelsomino S, Sluijpers N, Meani P, Alenizy K, Natour E, Bidar E, Johnson DM, Makhoul M, Heuts S, Lozekoot P, Kats S, Schreurs R, Delnoij T, Montalti A, Sels JW, Poll MV, Roekaerts P, Maessen J, Lorusso R. *Crit Care Resusc*. 2017 Oct;19(Suppl 1):53-61.
 30. MiR34 inhibition induces human heart progenitor proliferation. Iannolo G, Sciuto MR, **Raffa GM**, Pilato M, Conaldi PG. *Cell Death Dis*. 2018 Mar 6;9(3):368. doi: 10.1038/s41419-018-0400-9.
 31. Pathoanatomic Findings and Treatment During Hypertrophic Obstructive Cardiomyopathy Surgery: The Role of Mitral Valve. **Raffa GM**, Romano G, Turrisi M, Morsolini M, Gentile G, Sciacca S, Armario A, Stringi V, Mattiucci G, Magro S, Cosentino F, Clemenza F, Pilato M. *Heart Lung Circ*. 2018 Feb 14. pii: S1443-9506(18)30068-4. doi: 10.1016/j.hlc.2018.02.006.
 32. Prognostic Value of the 6-Min Walk Test After Open-Heart Valve Surgery: EXPERIENCE OF A CARDIOVASCULAR REHABILITATION PROGRAM. Vitale G, Sarullo S, Vassallo L, Di Franco A, Mandalà G, Marazia S, **Raffa GM**, Giallauria F, Sarullo FM. *J Cardiopulm Rehabil Prev*. 2018 Sep;38(5):304-308. doi:10.1097/HCR.0000000000000340.
 33. Meta-Analysis of Peripheral or Central ECMO in Postcardiotomy and Non-Postcardiotomy Shock. **Raffa GM**, Kowalewski M, Brodie D, Ogino M, Whitman G, Meani P, Pilato M, Arcadipane A, Delnoj T, Natour E, Gelsomino S, Maessen J, Lorusso R. *Ann Thorac Surg*. 2018 Jun 27. pii: S0003-4975(18)30882-8. doi: 10.1016/j.athoracsur.2018.05.063.
 34. Protracted aortic valve closure during peripheral veno-arterial extracorporeal life support: is intra-aortic balloon pump an effective solution? Meani P, Delnoij T, **Raffa GM**, Morici N, Viola G, Sacco A, Oliva F, Heuts S, Sels JW, Driessen R, Roekaerts P, Gilbers M, Bidar E, Schreurs R, Natour E, Veenstra L, Kats S, Maessen J, Lorusso R. *Perfusion*. 2018 Jul 1:267659118787426. doi:10.1177/0267659118787426.
 35. On the prospect of serum exosomal miRNA profiling and protein biomarkers for the diagnosis of ascending aortic dilatation in patients with bicuspid and tricuspid aortic valve. Gallo A, Agnese V, Coronello C, **Raffa GM**, Bellavia D, Conaldi PG, Pilato M, Pasta S. *Int J Cardiol*. 2018 Oct 5. pii: S0167-5273(18)34637-0. doi: 10.1016/j.ijcard.2018.10.005.
 36. Impact of cannula design on packed red blood cell transfusions: technical advancement to improve outcomes in extracorporeal membrane oxygenation. Martucci G, Panarello G, Occhipinti G, **Raffa G**, Tuzzolino F, Capitanio G, Carollo T, Lino G, Bertani A, Vitulo P, Pilato M, Lorusso R, Arcadipane A. *J Thorac Dis*. 2018 Oct;10(10):5813-5821. doi: 10.21037/jtd.2018.09.119.

37. Neurological complications after cardiac surgery: a retrospective case-control study of risk factors and outcome. **Raffa GM**, Agnello F, Occhipinti G, Miraglia R, Lo Re V, Marrone G, Tuzzolino F, Arcadipane A, Pilato M, Luca A. *J Cardiothorac Surg*. 2019 Jan 25;14(1):23. doi: 10.1186/s13019-019-0844-8.
38. [Surgical management of hypertrophic obstructive cardiomyopathy: the role of mitral valve]. **Raffa GM**, Romano G, Falletta C, Morsolini M, Turrisi M, Gentile G, Nugara C, Scarlata M, Clemenza F, Pilato M. *G Ital Cardiol (Rome)*. 2019 Feb;20(2):109-116. doi: 10.1714/3093.30858.
39. Transcatheter aortic valve implantation with the new repositionable self-expandable Medtronic Evolut R vs. CoreValve system: evidence on the benefit of a meta-analytical approach. Kowalewski M, Gozdek M, **Raffa GM**, Słomka A, Zieliński K, Kubica J, Anisimowicz L, Kowalewski J, Landes U, Kornowski R, Lorusso R, Suwalski PJ. *Cardiovasc Med (Hagerstown)*. 2019 Apr;20(4):226-236.
40. Identification of circumferential regional heterogeneity of ascending thoracic aneurysmal aorta by biaxial mechanical testing. Di Giuseppe M, Alotta G, Agnese V, Bellavia D, **Raffa GM**, Vetri V, Zingales M, Pasta S, Pilato M. *J Mol Cell Cardiol*. 2019 May;130:205-215. doi: 10.1016/j.yjmcc.2019.04.010.
41. On the role of material properties in ascending thoracic aortic aneurysms. Cosentino F, Agnese V, **Raffa GM**, Gentile G, Bellavia D, Zingales M, Pilato M, Pasta S. *Comput Biol Med*. 2019 Apr 24;109:70-78. doi: 10.1016/j.combiomed.2019.04.022
42. Baseline surgical status and short-term mortality after extracorporeal membrane oxygenation for post-cardiotomy shock: a meta-analysis. Kowalewski M, Raffa G, Zieliński K, Meani P, Alanazi M, Gilbers M, Heuts S, Natour E, Bidar E, Schreurs R, Delnoij T, Driessen R, Sels JW, van de Poll M, Roekaerts P, Maessen J, Suwalski P, Lorusso R. *Perfusion*. 2019 Aug 30;267659119865122. doi: 10.1177/0267659119865122.
43. Pulmonary artery cannulation to enhance extracorporeal membrane oxygenation management in acute cardiac failure. Lorusso R, **Raffa GM**, Heuts S, Lo Coco V, Meani P, Natour E, Bidar E, Delnoij T, Loforte A. *Interact Cardiovasc Thorac Surg*. 2019 Oct 26. pii: ivz245. doi: 10.1093/icvts/ivz245.
44. The impact of Centre's heart transplant status and volume on in-hospital outcomes following extracorporeal membrane oxygenation for refractory post-cardiotomy cardiogenic shock: a meta-analysis. Kowalewski M, **Raffa GM**, Zieliński K, Alanazi M, Gilbers M, Heuts S, Natour E, Bidar E, Schreurs R, Delnoij T, Driessen R, Sels JW, van de Poll M, Roekaerts P, Meani P, Maessen J, Suwalski P, Lorusso R. *BMC Cardiovasc Disord*. 2020 Jan 9;20(1):10.
45. Transcatheter Aortic Valve Replacement with Self-Expandable ACURATE neo as Compared to Balloon-Expandable SAPIEN 3 in Patients with Severe Aortic Stenosis: Meta-Analysis of Randomized and Propensity-Matched Studies. Gozdek M, Zieliński K, Pasierski M, Matteucci M, Fina D, Jiritano F, Meani P, **Raffa GM**, Malvindi PG, Pilato M, Paparella D, Słomka A, Kubica J, Jagielak D, Lorusso R, Suwalski P, Kowalewski M. *J Clin Med*. 2020 Feb 1;9(2). pii: E397. doi: 10.3390/jcm9020397.

46. Simulation study of transcatheter heart valve implantation in patients with stenotic bicuspid aortic valve. Pasta S, Cannata S, Gentile G, Di Giuseppe M, Cosentino F, Pasta F, Agnese V, Bellavia D, **Raffa GM**, Pilato M, Gandolfo C. *Med Biol Eng Comput.* 2020 Apr;58(4):815-829. doi: 10.1007/s11517-020-02138-4. Epub 2020 Feb 6.
47. Left Ventricle Unloading with Veno-Arterial Extracorporeal Membrane Oxygenation for Cardiogenic Shock. Systematic Review and Meta-Analysis. Kowalewski M, Malvindi PG, Zieliński K, Martucci G, Słomka A, Suwalski P, Lorusso R, Meani P, Arcadipane A, Pilato M, **Raffa GM**. *J Clin Med.* 2020 Apr 7;9(4). pii: E1039. doi: 10.3390/jcm9041039.
48. Transcatheter aortic valve replacement with Lotus and Sapien 3 prosthetic valves: a systematic review and meta-analysis. Gozdek M, Ratajczak J, Arndt A, Zieliński K, Pasierski M, Matteucci M, Fina D, Jiritano F, Meani P, **Raffa GM**, Malvindi PG, Pilato M, Paparella D, Słomka A, Landes U, Kornowski R, Kubica J, Lorusso R, Suwalski P, Kowalewski M; Thoracic Research Centre. *J Thorac Dis.* 2020 Mar;12(3):893-906. doi: 10.21037/jtd.2019.12.107.
49. Shear Stress and Aortic Strain Associations with Biomarkers of Ascending Thoracic Aortic Aneurysm. Pasta S, Agnese V, Gallo A, Cosentino F, Di Giuseppe M, Gentile G, **Raffa GM**, Maalouf JF, Michelena HI, Bellavia D, Conaldi PG, Pilato M. *Ann Thorac Surg.* 2020 Apr 11. pii: S0003-4975(20)30523-3. doi: 10.1016/j.athoracsur.2020.03.017.
50. Statistical Shape Analysis of Ascending Thoracic Aortic Aneurysm: Correlation between Shape and Biomechanical Descriptors. Cosentino F, **Raffa GM**, Gentile G, Agnese V, Bellavia D, Pilato M, Pasta S. *J Pers Med.* 2020 Apr 22;10(2).
51. Long-term mortality following PCI with DES compared with CABG for multivessel and left main disease: a meta-analysis. Kowalewski M, Gozdek M, Zieliński K, **Raffa GM**, Suwalski P, Lorusso R. *Kardiol Pol.* 2020 May 28. doi: 10.33963/KP.15397.
52. 2020 EACTS/ELSO/STS/AATS expert consensus on post-cardiotomy extracorporeal life support in adult patients. Lorusso R, Whitman G, Milojevic M, **Raffa G**, McMullan DM, Boeken U, Haft J, Bermudez C, Shah A, D'Alessandro DA. *J Thorac Cardiovasc Surg.* 2020 Oct 7:S0022-5223(20)32642-8. doi: 10.1016/j.jtcvs.2020.09.045
53. 2020 EACTS/ELSO/STS/AATS expert consensus on post-cardiotomy extracorporeal life support in adult patients. Lorusso R, Whitman G, Milojevic M, **Raffa G**, McMullan DM, Boeken U, Haft J, Bermudez CA, Shah AS, D'Alessandro DA; ESC Scientific Document Group. *Eur J Cardiothorac Surg.* 2020 Oct 7:ezaa283. doi: 10.1093/ejcts/ezaa283.
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76. Kowalewski M, Dąbrowski EJ, Kurasz A, Świączkowski M, **Raffa GM**, Kawczyński M, Aerts L, Kuźma Ł, Wańha W, Batko J, Litwinowicz R, Urbanowicz T, Stec S, Lorusso R, Hanke T, Maesen B, Meani P, Ronco D, Pilato M, Musumeci F, McCarthy P, Cox JL, Pannone L, Merino JL, Pürerfellner H, Badhwar V, La Meir M, de Asmundis C, Lip GYH, Suwalski P; Thoracic Research Centre, endorsed by the European Society of Cardiology Cardiovascular Surgery Working Group. Surgical ablation of atrial fibrillation with concomitant cardiac surgery: a state-of-the-art review. *Eur J Cardiothorac Surg*. 2025 Jul 1;67(7):ezaf187. doi: 10.1093/ejcts/ezaf187.
77. Ferrante MS, Pisano C, **Raffa GM**, Scarantino A, Lachina C, Nuzzi V, Manca P, Cannata S, Scarlata M, Pilato M. [Surgical and percutaneous treatment of hypertrophic obstructive cardiomyopathy: state-of-the-art review]. *G Ital Cardiol (Rome)*. 2025 Aug;26(8):585-596. doi: 10.1714/4531.45334.
78. Asta L, Pisano C, Sbrigata A, **Raffa GM**, Scola L, Balistreri CR. Biomarkers in Heart Failure: A Review and a Wish. *Int J Mol Sci*. 2025 Aug 20;26(16):8046. doi: 10.3390/ijms26168046.
79. Torre S, Asta L, Sbrigata A, Castrovinci S, Amoncelli E, Segreto A, **Raffa GM**, Giarratana GA, Argano V, Pisano C. Valve-in-Valve Transcatheter Aortic Valve Implantation Versus Redo SAVR for Degenerated Biological Prosthesis: A Narrative Review Stating Our Experience. *J Clin Med*. 2025 Oct 11;14(20):7158. doi: 10.3390/jcm14207158.

3. OTHER NON-PEER REVIEWED PUBLICATIONS

1. Minimally invasive aortic valve replacement complicated by disseminate zygomycosis **Raffa G**, R. Gaeta, B. Castiglioni, B. Nocita, A. Viglio, M. Vigano'. *Bollettino della Società Medico Chirurgica di Pavia*. 2005;118(2):183-90 .
2. Giant Right Atrium Syndrome. Armario A, Stringi V, Raffa GM and Follis F. *Austin J Cardiovasc Dis Atherosclerosis*. 2016; 3(2): 1024

3. A Case of Conservative Treatment of Postsurgical Aortic False Aneurysm. Follis F, Raffa GM, Montalbano G, Mamone G, F Mollis. International Cardiovascular Forum Journal 2016; xxxx DOI: 10.17987/icfj.v9i0.347

4. BOOKS, BOOK CHAPTERS AND MONOGRAPHS

1. Vizzini Giovan B., Gruttadauria Salvatore, Spada Marco, Bertani Alessandro, Bertani Tullio, Casu Anna, **Raffa G**, Sciacca Sergio, Di Gesaro Gabriele, Pilato Michele, De Monte Lavinia, Vitulo Patrizio, Luca Angelo, Arcadipane Antonio, Gridelli Bruno (2015). *ISMETT: An International Collaboration on Organ Transplantation*. CLINICAL TRANSPLANTS, vol. 31, p. 87-99, ISSN: 0890-9016.
2. **Raffa GM**. "Extracorporeal Membrane Oxygenation Support in Post-Cardiotomy Shock", ISBN 978-94-6380-653-4.
<https://www.narcis.nl/publication/RecordID/oai:cris.maastrichtuniversity.nl:publications%2F0fa473f1-e7e3-478d-b3aa-bfcd60e510d0>.
3. Słomka A, Martucci G, **Raffa GM**, Malvindi PG, Żekanowska E, Lorusso R, Suwalski P, Kowalewski M. Immunological and Hematological Response in COVID-19. *Adv Exp Med Biol*. 2021;1352:73-86. doi: 10.1007/978-3-030-85109-5_5.
4. Martucci G, Słomka A, Lebowitz SE, **Raffa GM**, Malvindi PG, Coco VL, Swol J, Żekanowska E, Lorusso R, Wierzbza W, Suwalski P, Kowalewski M; Thoracic Research Centre. COVID-19 and Extracorporeal Membrane Oxygenation. *Adv Exp Med Biol*. 2021;1353:173-195. doi: 10.1007/978-3-030-85113-2_10.

5. PUBLISHED ABSTRACTS (in Scientific Journals)

1. Heart transplant program at irccs-ismett: impact of mechanical circulatory support on pre- and post-transplant survival". **GM Raffa** et al. XXVIII National Meeting of the Italian Society for Cardiac Surgery, 25-27 Nov 2016, Rome, Italy.
2. Flow-mediated mechanism of aneurysm formation in bicuspid aortic valve. **GM Raffa** et al. XXVIII National Meeting of the Italian Society for Cardiac Surgery, 25-27 Nov 2016, Rome, Italy.
3. International participation in the sts database: initial italian experience. **GM Raffa** et al. XXVIII National Meeting of the Italian Society for Cardiac Surgery, 25-27 Nov 2016, Rome, Italy.
4. Patch augmentation of the anterior leaflet in type 3a carpentier mitral valve disease. **GM Raffa** et al. XXVIII National Meeting of the Italian Society for Cardiac Surgery, 25-27 Nov 2016, Rome, Italy.
5. Hypertrophic obstructive cardiomyopathy: which surgery for which patients? A prospective multicenter study. **GM Raffa** et al. XXVIII National Meeting of the Italian Society for Cardiac Surgery, 25-27 Nov 2016, Rome, Italy.

6. Accuracy of Standard Echocardiography, Cardiac Magnetic Resonance and Derived Lumped Parameter Model for Prediction of Invasive Hemodynamics in Patients with Precapillary Pulmonary Hypertension: a Pilot Study. Bellavia D; Romano G; Pasta S; Gentile G; Scardulla F; Frangi A; Vitulo P; Maalouf P, MD; Miller F M; Di Gesaro G; Mina' C; **Raffa GM**; Pilato M; Clemenza F; Scardulla C. 27th Annual ASE Scientific Sessions on June 10-14, 2016. Seattle, Washington
7. Clinical Relevance of ISHLT Definition of Primary Graft Dysfunction After Heart Transplantation: A Two Centers Experience. G. Vitale, M. Sabatino, V. Manfredini, L. Potena, G. Di Cesaro, S. Martin-Suarez, **G. Raffa**, G. Marinelli, C. Rapezzi, F. Clemenza, F. Grigioni. ISHLT 35th Annual Meeting, 15-18 April, Nice, France.
8. Meta-Analysis of Peripheral or Central ECMO in Postcardiotomy and Non-Postcardiotomy Shock. **GM Raffa** et al. XXIX National Meeting of the Italian Society for Cardiac Surgery, 23-25 Nov 2018, Rome, Italy.
9. In-hospital outcome after emergency or prophylactic extracorporeal life support during transcatheter aortic valve implantation: a comprehensive review of the literature. **GM Raffa** et al. XXIX National Meeting of the Italian Society for Cardiac Surgery, 23-25 Nov 2018, Rome, Italy.
10. Hypertrophic obstructive cardiomyopathy surgery and mitral subvalvular remodeling: the 2007-2017 IRCCS-ISMETT experience. **GM Raffa** et al. XXIX National Meeting of the Italian Society for Cardiac Surgery, 23-25 Nov 2018, Rome, Italy.

6. ABSTRACTS (not published in Scientific Journals)

1. Port access cardiac surgery: endodirect vs peripheral cannulation R Gaeta, C. Pellegrini, A D'Armini, P Spreafico, M Rinaldi, **G Raffa**, M Viganò. The 55th Annual of SATS and the 26th Annual Meeting of ScanSECT; Reykjavik 16-18 August 2006.
2. PFO: which treatment?" R. Gaeta, **G. Raffa**, S. Perrotta, F. Tancredi, S. Lentini. 1st Sicilian Stroke Symposium; Taormina, 7-8 December 2006.
3. Severe aortic stenosis with ventricular dysfunction R. Gaeta, **G. Raffa**, M. Savasta IX International congress of echocardiography; Taormina, 3-5 October 2006.
4. Endodirect Vs Peripheral Cannulation In Port Access Surgery: A Comparative Analysis Roberto Gaeta, Salvatore Lentini, **Giuseppe M. Raffa**, Marcello Savasta, Carlo Pellegrini, Andrea M. D'Armini, Patrizio Spreafico, Alessia Alloni, Barbara Cattadori, Laura Riva, Mauro Rinaldi, Mario Viganò. International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS) 2007 Annual Scientific Meeting; Rome, 6-9 June 2007.
5. Treatment of the ascending aorta disease with Bentall-De Bono operation using a minimally invasive approach S Perrotta, S Lentini, M Viganó, M Rinaldi, AM D'Armini, F Tancredi, **G Raffa**, R Gaeta. The 17th World Congress World Society of Cardio-Thoracic Surgeons; Kyoto, 12-13 July 2007.
6. OP-042 Infections after cardiac surgery; a novel "cardiology" approach. A Eusebio, **G Raffa**, A Beretta, O Riccardi, S Aglieri, G Tarelli. International Journal of Cardiology 140, S12-S13.

7. The HMG-CoA reductase inhibitor lovastatin blocks phenotypic modulation of aortic smooth muscle cells in culture. **Giuseppe Maria Raffa**, Roberto Gaeta, Salvatore Lentini, Joy Roy. XXIV National Meeting of the Italian Society for Cardiac Surgery. Roma 8-11 Novembre 2008.
 8. Minimally invasive reoperative aortic valve surgery with patent coronary artery bypass grafts. **Giuseppe Raffa**, Carlo Pellegrini, Marcello Savasta, Matteo Pozzi, Mario Vigano'. First Joint Scandinavian Conference in Cardiothoracic Surgery; 20-22 August 2009, Stockholm, Sweden.
 9. Seven-year echocardiographic and clinical follow-up of reimplantation valve-sparing aortic root replacement with the Valsalva graft: a single center experience. F. Settepani, A. Barbone, A. Basciu, E.Citterio, P. Malvindi, D. Ornaghi, **G. Raffa**, E. Vitali, G. Tarelli. XXV National Meeting of the Italian Society for Cardiac Surgery, 6-9 Nov 2010, Rome, Italy.
 10. Acute cardiogenic shock support with Levitronix Centrimax. A.Barbone, F. Settepani, **G. Raffa**, P. Malvindi, A. Basciu, , E.Citterio, D. Ornaghi, E. Vitali, G. Tarelli. XXV National Meeting of the Italian Society for Cardiac Surgery, 6-9 Nov 2010, Rome, Italy.
 11. Reoperation For Aortic False Aneurysm: HowToRe-enter The Chest. P. G. Malvindi, **G. M. Raffa**, F. Settepani, A. Basciu, A. Barbone, E. Citterio, D. Ornaghi, E. Vitali, G. Tarelli. XXV National Meeting of the Italian Society for Cardiac Surgery, 6-9 Nov 2010, Rome, Italy.
 12. First italian implant of a third generation VAD: HEARTWARE HVAD. A. Barbone, D. Pini, A. Basciu, **G. Raffa**, F. Settepani, P. Malvindi, E. Citterio, D. Ornaghi, G. Tarelli, E. Vitali. XXV National Meeting of the Italian Society for Cardiac Surgery, 6-9 Nov 2010, Rome, Italy.
 13. Domino Heart Transplantation: Long Term Outcome of Recipients and Their Living Donors. Single Centre Experience. **Giuseppe M Raffa**, Carlo Pellegrini, Andrea M D'Armini, Mario Vigano'. ISHLT 30th Annual Meeting and Scientific Sessions, 2010 April 21 – 24, in Chicago.
 14. Use of terlipressin (glipressin) in a high output vasodilatory shock in a cardiac ICU. A.Barbone, P. Malvindi, **G. Raffa**, A. Basciu, F. Settepani, E. Citterio, D. Ornaghi, M.M. Visigalli, G. Tarelli, A. Bandera. XXV National Meeting of the Italian Society for Cardiac Surgery, 6-9 Nov 2010, Rome, Italy.
 15. Seven-Years Follow-Up After Minimally Invasive Direct Coronary Artery Bypass (MIDCAB). **GM Raffa**, PG Malvindi, F Fossati, D Ornaghi, E Citterio, A Basciu, A Cappai, A Barbone, G Tarelli, Settepani F. XXVI National Meeting of the Italian Society for Cardiac Surgery, 10-13 Nov 2012, Rome, Italy.
 16. Minimally Invasive Hybrid Coronary Artery Revascularization. **GM Raffa**, PG Malvindi, D Ornaghi, E Citterio, A Basciu, A Cappai, G Tarelli, Settepani F. XXVI National Meeting of the Italian Society for Cardiac Surgery, 10-13 Nov 2012, Rome, Italy.
 17. Sutureless Repair For Postinfarction Cardiac Rupture: A Simple Approach With Tissue-Adhesive Patch. **GM Raffa**, Pietro G Malvindi, Davide Patrini, Antioco Cappai, Alessio Basciu, Diego Ornaghi, Enrico Citterio, Tarelli Giuseppe, Ettore Vitali, Fabrizio Settepani. XXVI National Meeting of the Italian Society for Cardiac Surgery, 10-13 Nov 2012, Rome, Italy.
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18. Endothelin-1 And Brain Natriuretic Peptide Plasma Levels Decrease After Aortic Surgery. **GM Raffa**, Franco-Cereceda Anders. XXVI National Meeting of the Italian Society for Cardiac Surgery, 10-13 Nov 2012, Rome, Italy.
19. 2002-2011: Ten Years Experience With Aortic Valve Reimplantation. PG Malvindi, **G Raffa**, A Barbone, A Basciu, E Citterio, D Ornaghi, G Tarelli, F Settepani. XXVI National Meeting of the Italian Society for Cardiac Surgery, 10-13 Nov 2012, Rome, Italy.
20. Enoclamp And Flexible Cross Aortic Clamp: CT Scan Guided Choice In Right Mini-Thoracotomy Approach. A Cappai, PG Malvindi, A Basciu, **G Raffa**, A Barbone, D Ornaghi, G Tarelli, F Settepani. XXVI National Meeting of the Italian Society for Cardiac Surgery, 10-13 Nov 2012, Rome, Italy.
21. First Clinical Experience With Mechanical Assist Device Home Monitoring. A Barbone, D Ornaghi, A Cappai, A Basciu, **G Raffa**, F Settepani, G Tarelli, E Vitali. XXVI National Meeting of the Italian Society for Cardiac Surgery, 10-13 Nov 2012, Rome, Italy.
22. Home Made Frozen Elephant Trunk: Aortic Arch Replacement With Branched Dacron Graft And Antegrade Stent-Graft Deployment. F Settepani, PG Malvindi, **G Raffa**, A Cappai, A Basciu, E Citterio, E Vitali, G Tarelli. XXVI National Meeting of the Italian Society for Cardiac Surgery, 10-13 Nov 2012, Rome, Italy.
23. Aortic Arch Replacement With Branched Dacron Graft And Antegrade Stent-Graft Deployment by F Settepani, V Pedicini, **G Raffa**, A Cappai, PG Malvindi, G Tarelli. CTS net Video Session. 12-January-2012
24. Fear of weaning? Transesophageal echocardiography (TEE) management in patient with primary graft failure (PGF) after heart transplantation. Santise G, Sciacca, S, **Raffa, G**, Turrisi, M, Armario, A, Stringi, V, Di Gesaro, G, Pilato, M. ESOT 2013, – 11 September, Vienna, Austria.
25. Let it beat. Extra-corporeal membrane oxygenation (ECMO) in primary graft failure (PGF) after heart transplantation (HTX): how to maximize weaning rate and survival with a multidisciplinary and integrated approach. **GM Raffa**, M. Pilato, S. Sciacca, M. Turrisi, G. D'Ancona, V. Stringi, A. Armario, G. Santise. EACTS 27th Annual Meeting, 5 - 9 October 2013, Vienna, Austria.
26. Outcome of patients with fully implantable heartware left ventricle assist device: a single center experience C. Falletta, M.C. Todaro, A. Godino, F. Clemenza, G. Di Gesaro, C. Minà, C. Scardulla, F. Tuzzolino, **GM Raffa**, S. Sciacca, M. Pilato. XXVII National Meeting of the Italian Society for Cardiac Surgery, 28-30 Nov 2014, Rome, Italy.
27. Vascular access complications in patients with continuous-flow left ventricle assist device undergoing percutaneous invasive procedures. **GM Raffa**, G. D'Ancona, S. Sciacca, G. Santise, G. Pilato, M. Turrisi, G. Romano, A. Armario, V. Stringi, C. Minà, C. Ruperto, F. Clemenza, M. Pilato. XXVII National Meeting of the Italian Society for Cardiac Surgery, 28-30 Nov 2014, Rome, Italy.
28. HeartWare left ventricle assist device thrombosis: a single center experience. **GM Raffa**, G. D'Ancona, S. Sciacca, G. Romano, C. Falletta, M. Turrisi, A. Armario, G. Di Gesaro, V. Stringi, F. Clemenza, M. Pilato. XXVII National Meeting of the Italian Society for Cardiac

Surgery, 28-30 Nov 2014, Rome, Italy and 1st ECTTA Meeting, 3-4 Oct 2014. Hungary, Budapest.

29. Early graft failure in orthotopic heart transplantation recipients: a single centre experience. **GM Raffa**, S. Sciacca, C. Ruperto, M. Turrisi, G. Santise, G. Vitale, A. Armario, V. Stringi, G. Romano, G. Di Gesaro, C. Falletta, C. Minà, S. Servetti, M. Scarlata, V. Moscarito, A. Arcadipane, A. Giunta, G. Montalbano, F. Follis, C. Hernandez-Baravoglia, C. Scardulla, F. Clemenza, M. Pilato. XXVII National Meeting of the Italian Society for Cardiac Surgery, 28-30 Nov 2014, Rome, Italy.
 30. Rapid enlargement of aorta after elephant trunk repair? **GM Raffa**, G D'Ancona, S Pasta, F Follis, M Pilato. XXVII National Meeting of the Italian Society for Cardiac Surgery, 28-30 Nov 2014, Rome, Italy.
 31. "Bentall-De Bono" Composite graft in a Marfan Patient with Severe Pectus Excavatum. **GM Raffa**. 8th Postgraduate Course - Surgery of the Thoracic Aorta. University of Bologna S. Orsola - Malpighi Hospital. Bologna. Italy. November 2015
 32. Flow-mediated mechanism of aneurysm formation in bicuspid aortic valve. ESB-ITA Thematic Conference. 8-9 September 2016, Palermo, Italy.
 33. Pathoanatomic findings and treatment in hypertrophic obstructive cardiomyopathy surgery: the role of mitral valve. **GM Raffa** et al. 30 th EACTS Annual Meeting, 1-5 Oct 2016, Barcelona, Spain.
 34. Surgical Right Ventricle Restoration After Endomyocardial Fibrosis Resection. **GM Raffa** et al. The 27th Congress of the World Society of Cardio-Thoracic Surgeons, 1-3 September 2017, Astana Kazakhstan.
 35. Predicting Ascending Aortic Dilatation: Differences between Bicuspid Aortic Valve and Tricuspid Aortic Valve Patients. **GM Raffa** et al. The 27th Congress of the World Society of Cardio-Thoracic Surgeons, 1-3 September 2017, Astana Kazakhstan
 36. The Society of Thoracic Surgeons database application in a European context. The first Italian experience. **GM Raffa** et al. The 27th Congress of the World Society of Cardio-Thoracic Surgeons, 1-3 September 2017, Astana Kazakhstan
 37. Hypertrophic Obstructive Cardiomyopathy Surgery and the Role of Subvalvular Mitral Apparatus Remodeling. **GM Raffa** et al. AATS Mitral Conclave, 2-3 May 2019, New York.
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PROFESSIONAL ACTIVITIES

TEACHING

I have been actively involved in teaching through-out my career. My positions as a cardiac assistant has provided me with experience teaching a variety of groups mostly young including junior doctors and University of Pittsburgh medical students. I am comfortable teaching in a variety of settings including 'on the job' teaching, small group tutorials and didactic lectures. I am aware of the different teaching skills necessary to be an effective teacher and actively seek feedback from the groups I teach.

Mentoring of students

- *Undergraduate MD students:*
Giuseppe Aiello, 2017 University of Palermo, Italy
 HOcm Surgery project

Maciej Suchnicki, 2016 University of Poland, Poland

Bryan Wu, 2014 University of Pittsburgh, USA
 Bicuspid aortic valve and aortopathy: timing and trends in aneurysm resection compared to the tricuspid valve.

Alessia Gallo, 2016 University of Palermo, Italy
 Tissue engineer heart valve.

Casey Tompkins-Rhoades, 2018 University of Pittsburgh, USA

Sansosti Alexandra, 2020 University of Pittsburgh, USA

Steven Eric Lebowitz, 2020 University of Pittsburgh, USA

Arianna Scarantino, 2020 Medical School, University of Palermo, Italy

Carlo Lachina, 2021 Cardiac Surgery residency, University of Rome, Italy

RESEARCH

Current Grant Support:

<i>Grant Number (funded)</i>	<i>Grant Title</i>	<i>Role in Project %Effort (must not exceed 100%) Calendar Months (must not exceed 12 months)</i>	<i>Years Inclusive</i>	<i>Source \$ Amount (include direct and indirect if PI) (If Co-I list sub- award)</i>
PNRR-POC- 2023-12378186	A new versatile technological Bioartificial drug-eluting caRdiac pAtch to preVEnt HEART failure: from clinically-oriented de- risking activity to the	Co-Investigator 50%	24	1.000.000 Euro

	industrial prototyping and preclinical validation (BRAVEHEART)			
NA	"OUTcomes evaluation of current therapeutic STRategies for severe Aortic valve steNosis and the agING population in ITALY"	Principal Investigator 40% effort	2019-2023	20.000 Euro
ERC CoG #101002561	Engineering the mitral valve: bioinspired control of structure and function for enhanced in vivo performance, (BIOMITRAL)	Key personnel 10% efforts in year 4 and 5	2021-2025	€1,993,786

Pending Grant Support

NA

Prior Grant Support:

<i>Grant Number (funded)</i>	<i>Grant Title</i>	<i>Role in Project</i> <i>%Effort</i> <i>(must not exceed 100%)</i> <i>Calendar Months</i> <i>(must not exceed 12 months)</i>	<i>Years Inclusive</i>	<i>Source \$ Amount</i> <i>(include direct and indirect if PI)</i> <i>(If Co-I list sub-award)</i>
GR-2011-02348129	Hemodynamic and Biomarkers for Clinical Risk Stratification of Ascending Aortic Aneurism with Bicuspid Aortic Valve	Key Personnel	NA	€ 445.445,00

Non-Funded Research:

- “ASAP (Advanced Study of Aortic Pathology)-Project (grant Health-F2-2008- 200647)”: Investigator at the Department of Cardiothoracic Surgery, Karolinska University Hospital, Stockholm, Sweden.
- “Omega-3 Fatty Acids for Prevention of Postoperative Atrial Fibrillation (OPERA) multi-centre trial”: Investigator at IRCCS Istituto Clinico Humanitas di Rozzano, Milano, Italy.
- “STS Cardiac Surgery Database Project (IRRB 57/17)”: Principal Investigator at IRCCS-ISMETT, Palermo, Italy.
- "Pathoanatomic Findings and Treatment During Hypertrophic Obstructive Cardiomyopathy Surgery: The Role of Mitral Valve (IRRB 35/16)": Principal Investigator at IRCCS-ISMETT, Palermo, Italy.
- “Central vs Peripheral VA-ECMO in a porcine model of cardiogenic shock post-acute myocardial infarction: impact on echocardiographic findings, histological and inflammatory serum cytokine changes (authorization n°367/2018-PR)”: Principal Investigator at IRCCS-ISMETT, Palermo, Italy.
- “Post-cardiotomy veno-arterial and veno-venous extracorporeal membrane oxygenation in adults (PELS Study, IRRB/10/21)”: Principal Investigator at IRCCS-ISMETT, Palermo, Italy.

Other research related activities

Editorship

- *Journal of Cardiovascular Medicine*
Editor(s): Dei Cas, Livio
Publisher: Lippincott Williams & Wilkins (LWW)
Impact Factor: 1.67
ISI JCR Ranking 2017:87/128 (CARDIAC & CARDIOVASCULAR SYSTEMS)
ISSN: 1558-2027
- *Perfusion*
Editor(s): Prakash P Punjabi
Publisher: SAGE Publishing
Impact Factor: 0.950
ISSN: 0267-6591 (print) 1477-111X (web)

LIST of CURRENT RESEARCH INTERESTS

I am working as PI of the STS ADULT CARDIAC SURGERY DATABASE project in ISMETT.

The STS National Database™ was established in 1989 as an initiative for quality improvement and patient safety among cardiothoracic surgeons. The Database has since grown exponentially, both

in terms of participation and stature, and has become the gold standard for clinical registries. The Society of Thoracic Surgeons believes that physicians are in the best position to measure clinical performance accurately and objectively. The STS Adult Cardiac Surgery Database is world's premier clinical registry for adult cardiac surgery. The Database contains more than 5 million cardiac surgery procedure records and currently has more than 3,000 participating surgeons. About 95% of U.S. programs that perform adult cardiac surgery participate in the ACSD, so we have a rich opportunity to use that data and learn improvement techniques. Our institute adopted the STS cardiac surgery database since January 2014 in order to 1) improve patient outcomes; 2) Identifies initiatives and new areas for quality improvement; 3) documents the quality of care delivered by your practice; 4) enables risk modelling of major procedures; 5) offers access to data for assessment of new technology and techniques.

I have been involved in the research: "Relationship between endothelial derived vasoactive agents (endothelin-1 and endothelial nitric oxide) and diseases of the aortic valve and ascending aorta". The scientific project is in collaboration with Anders Franco-Cereceda, Professor and Academic Head, Department of Cardiothoracic Surgery, Karolinska University Hospital of Stockholm. I am also engaged in the "ASAP-project (Advanced Study of Aortic Pathology)" at the Department of Cardiothoracic Surgery, Karolinska University Hospital. The ASAP study is the largest world-wide evaluation of patients with bicuspid aortic valve undergoing cardiac surgery recruiting 600 patients over a 6 year period.

I was also involved in the OPERA multi-centre trial. This is a large multi-center study to examine whether peri-operative intake of n-3 polyunsaturated fatty acids will reduce the occurrence of post-operative atrial fibrillation or flutter in patients undergoing cardiac surgery.

I hope to extend my current work by examining the effects of several cardiovascular drugs and surgical technique on LV remodelling and to evaluate it through imaging modalities available (cardiac CT scan and RMI)

INVITED SEMINARS AND LECTURESHIPS

Local Presentations

- COLLABORATIVE RESEARCH SYMPOSIUM ISMETT - RIMED - UPMC, 10-11 October 2016, Palermo, Italy.
Title: Cerebrovascular accidents after cardiac surgery at ISMETT and UPMC: New insight from the STS database.

Regional Presentations

- HEART FAILURE IN SICILY: HIGHLIGHTS 2018-2019, 31 May – 1 June 2019, Palermo, Italy.
Title: "HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY".

- Congresso Regionale Associazione Nazionale Medici Cardiologi Ospedalieri (ANMCO), 9-11 Novembre 2019, Comiso, Italy.
Title: "L'iter decisionale nei pazienti con malattia cardiaca valvolare asintomatici - l'opinione del cardiocirurgo"

National Presentations

- "The juniors teach the seniors....and vice versa. Coronary revascularization: new trials, new guidelines, new trends". SICCH Clinical. 27-28 November 2015, Rome, Italy.
Title: PRECOMBAT study: does revascularization at follow up still play a role in the decisional process of CABG vs. PCI?

International Presentations

- Annual Meeting of the Swiss Society of Cardiology (SSC) and the Swiss Society of Cardiac and Thoracic Vascular Surgery (SSCS), 10-12 June 2015, Zürich, Switzerland.
Title: Outcome of patients with fully implantable heartware left ventricle assist device: a single center experience.
- Mediterranean Transplantation Anaesthesiology and Simulation Symposium-CARACT 2017, 6-8 April 2017, Palermo, Italy.
Title: Temporary mechanical support
- Mediterranean Cardiology Meeting (MCM), 13 - 15 aprile 2019, Catania, Italy.
Title: When to send the patients to heart transplant.

In compliance with the Italian DL n. 196/2003, I hereby authorise the use of my personal data for recruitment purposes.

Palermo 03/02/2026



Informazioni personali

Nome	Domenico Paparella
Data di nascita	23 novembre 1967
Nazionalità	Italiana
Codice fiscale	PPRDNC67S23A662Q
Email	domenico.paparella@unifg.it
Albo professionale	04/05/1994 – Albo provinciale di Medicina e Chirurgia (Ordine della provincia di Bari) n. 0000010486

Esperienze lavorative

Da novembre 2025	Direttore Scuola di Specializzazione di Cardiocirurgia dell'Università di Foggia
Da novembre 2024-	Direttore Struttura Complessa di Cardiocirurgia del Policlinico Universitario di Foggia
Da settembre 2023-	Professore Ordinario di Chirurgia Cardiaca - Dipartimento di Scienze Mediche e Chirurgiche, Università degli Studi di Foggia conferito in assistenza presso U.O.C. di Cardiocirurgia dell'Ospedale Santa Maria
Da luglio 2022-2024	Professore Associato – Dipartimento di Scienze Mediche e Chirurgiche, Università degli Studi di Foggia conferito in assistenza presso U.O.C. di Cardiocirurgia dell'Ospedale Santa Maria
Da gennaio 2021-2022	Ricercatore Confermato – Dipartimento di Scienze Mediche e Chirurgiche, Università degli Studi di Foggia conferito in assistenza presso U.O.C. di Cardiocirurgia dell'Ospedale Santa Maria
Dal settembre 2016-2024	Direttore dell'U.O. Complessa di Cardiocirurgia presso la Santa Maria Hospital – Ospedale Accreditato – Gruppo Villa Maria
Da gennaio 2004-2020	Ricercatore Universitario presso la Sezione di Cardiocirurgia (Responsabile il Prof. L. de Luca Tupputi Schinosa), Scuola di Medicina, Università degli Studi di Bari Aldo Moro con conferimento in assistenza presso U.O.C. di Cardiocirurgia dell'AOU Policlinico di Bari
Da febbraio 2003-2005	Consulente cardiocirurgo presso Ospedale Ente Ecclesiastico E. Miulli di Acquaviva della Fonti (BA).
Da luglio 2000 a giugno 2002	Clinical Fellow presso il Dipartimento di Chirurgia Cardiovascolare (Prof. Tirone E. David), Università di Toronto (Ontario, Canada) con attività assistenziale presso il Toronto General Hospital
Dal 1995 al 1996	Chirurgo “attachè” presso il Dipartimento di Chirurgia Cardiovascolare (Prof. E. Baudet), Università di Bordeaux (Francia) con attività assistenziale presso l'Ospedale Haute Leveque di Bordeaux.
1999	Specializzazione in Cardiocirurgia conferita dalla Scuola di Specializzazione di Cardiocirurgia dell'Università degli studi di Bari.

Dal 1994 al 1999	Specializzando presso l'Istituto di Cardiocirurgia (Prof. L. de Luca Tupputi Schinosa), Facoltà di Medicina e Chirurgia, Università di Bari.
Dal 1994	Medico interno presso l'Istituto di Cardiocirurgia (Prof. L. de Luca Tupputi Schinosa), Facoltà di Medicina e Chirurgia, Università di Bari.
Dal 1992 al 1993	Studente interno presso l'Istituto di Cardiocirurgia (Prof. L. de Luca Tupputi Schinosa), Facoltà di Medicina e Chirurgia, Università di Bari.
Dal 1990 al 1991	Studente interno presso l'Istituto di Clinica Medica (Prof. O. Albano), Facoltà di Medicina e Chirurgia, Università di Bari.
Dal 1990	Studente interno presso l'Istituto di Chirurgia d'Urgenza (Prof. G.M. Bonomo), Facoltà di Medicina e Chirurgia, Università di Bari.

Esperienze di ricerca

Da Gennaio 2000 a Giugno 2000	Research Fellow presso l'Hamilton Civic Hospitals Research Centre (Prof. J. Hirsh, Dr. E. Young), Università McMaster di Hamilton (Ontario, Canada).
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Attività chirurgica

Oltre 3000 interventi in tutti i campi della cardiocirurgia dell'adulto: • Rivascolarizzazioni miocardiche: a cuore battente, con multipli condotti arteriosi, con approccio mini-invasivo (MIDCAB) • Chirurgia della valvola aortica anche con tecnica mini-invasiva (mini-sternotomia e mini-toracotomia anteriore destra) • Chirurgia riparativa della valvola aortica e della radice aortica • Chirurgia della valvola mitralica anche con tecnica in minitoracotomia destra Heartport • Chirurgia riparativa della valvola mitrale • Chirurgia delle cardiopatie congenite dell'adulto • Chirurgia dell'aorta toracica e dell'arco aortico • Rimodellamento del ventricolo sinistro nella cardiomiopatia dilatativa di natura ischemica • Trattamento chirurgico della fibrillazione atriale anche con tecnica mini-invasiva • Trapianto cardiaco • Impianto di assistenze ventricolari meccaniche temporanee (ECMO) e definitive (VAD) • Trattamento dei tumori cardiaci • Impianto di assistenze per ventilazione extracorporea • Intervento di Ross per la sostituzione della valvola aortica con autograft polmonare.	
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Attività didattica

Scuole di Specializzazione

Anno accademico 2026-	Scuola di Specializzazione di Anestesia e Rianimazione Università di Foggia. Anno II: Cardiocirurgia
Anno accademico 2021-	Scuola di Specializzazione di Urologia Università di Foggia. Anno IV: Cardiocirurgia
Anno accademico 2019-	Scuola di Specializzazione di Malattia Apparato Cardiovascolare Università di Foggia. Anno IV: Cardiocirurgia

Anno accademico 2007-2008	Docente della Scuola di Specializzazione di Malattie dell'Apparato Cardiovascolare, Facoltà di Medicina e Chirurgia, Università di Bari. Anno V: Cardiocirurgia
Anno accademico 2007-2008	Docente della Scuola di Specializzazione di Cardiocirurgia, Facoltà di Medicina e Chirurgia, Università di Bari Anno V: Cardiocirurgia pediatrica 2° corso
Anno accademico 2007-2008	Docente della Scuola di Specializzazione di Cardiocirurgia, Facoltà di Medicina e Chirurgia, Università di Bari Anno IV: Indagini diagnostiche cardiovascolari invasive
Anno accademico 2007-2008	Docente dall'anno accademico 2007-2008 della Scuola di Specializzazione di Cardiocirurgia, Facoltà di Medicina e Chirurgia, Università di Bari. Anno II: Circolazione extracorporea
Anno accademico 2007-2008	Docente dall'anno accademico 2007-2008 della Scuola di Specializzazione di Cardiocirurgia, Facoltà di Medicina e Chirurgia, Università di Bari. Anno I: Cardiologia 1° corso
Anno accademico 2002-2003	Docente dall'anno accademico 2002-2003 della Scuola di Specializzazione di Cardiocirurgia, Facoltà di Medicina e Chirurgia, Università di Bari. Anno V: Chirurgia cardiaca

Corsi di Laurea Triennali

Dal 2024	Docente di Scienze Medico-Chirurgiche nel Corso Magistrale di Scienze Infermieristiche e Ostetriche
Dall' Anno accademico 2021	Docente di "Scienze Medico – Chirurgiche" presso il Corso di laurea in "Dietistica" della Facoltà di Medicina dell'Università di Foggia
Dall' Anno accademico 2021	Docente di "Scienze Medico – Chirurgiche" presso il Corso di laurea in "Professioni sanitarie della riabilitazione" della Facoltà di Medicina dell'Università di Foggia
Anno accademico 2007-2008	Docente presso il Corso di laurea "Scienze Infermieristiche" della Facoltà di Medicina e Chirurgia dell'Università di Bari (sede Ospedale "Miulli" di Acquaviva delle Fonti (BA)). (anno III, materia: Malattie dell'Apparato Cardiovascolare).
Anno accademico 2007-2008	Docente presso il Corso di laurea "Educazione professionale" della Facoltà di Medicina e Chirurgia dell'Università di Bari (sede Policlinico di Bari). (anno III, materia: Malattie dell'Apparato Cardiovascolare).
Anno accademico 2003-2004	Docente dall'anno accademico 2003-2004 presso il Corso di laurea in "Tecniche di fisiopatologia cardiocircolatoria e perfusione cardiovascolare" della Facoltà di Medicina e Chirurgia dell'Università di Bari. (anno II, materia: Chirurgia cardiaca, 1° semestre).

Corso di Laurea Magistrale in Medicina e Chirurgia

Dall'Anno Accademico 2021 - 2022	Docente di "Chirurgia cardiaca e vascolare" presso il Corso di laurea in Medicina e Chirurgia della Facoltà di Medicina dell'Università di Foggia
Dall'Anno Accademico 2021 - 2022	Docente di "Chirurgia cardiaca" presso il Corso di laurea in Dietista della Facoltà di Medicina dell'Università di Foggia
Anno Accademico 2019-2020	Docente del Corso di Cardiochirurgia anno IV, Scuola di Medicina. Università di Foggia
Anno Accademico 2012-2017	Docente del Corso di Cardiochirurgia, Corso di Laurea in Inglese (BEMC). Scuola di Medicina e Chirurgia, Università degli Studi di Bari Aldo Moro
Anno Accademico 2008-2009	Docente dall'anno accademico 2008-2009 presso il Corso di laurea in Medicina e Chirurgia della Facoltà di Medicina dell'Università di Bari. (anno V, materia: Elementi di fisiopatologia cardiovascolare applicati alla cardiochirurgia).
Anno Accademico 2008-2009	Docente dall'anno accademico 2008-2009 presso il Corso di laurea in Medicina e Chirurgia della Facoltà di Medicina dell'Università di Bari. (anno III, materia: Bioimmagini in Cardiochirurgia).

Dottorati di Ricerca

Da maggio 2022	Docente afferente al Collegio dei Docenti del Dottorato SCIENZE E TECNOLOGIE INNOVATIVE PER LA SALUTE E L'INVECCHIAMENTO ATTIVO (ciclo XXXVIII) Università degli Studi di Foggia.
2011-2014	Docente del Dottorato "Scienze Biocellulari applicate al trapianto" Università degli Studi di Bari Aldo Moro (DETO)
2007-2009	Docente del Dottorato in "Scienze e Tecnologie Cellulari" dell'Università di Bari (coordinatrice Prof.ssa Alberta Zallone).

Comitati, nomine e premi

Membro delle seguenti Società Scientifiche: - AATS (American Association of Thoracic Surgery) - SICCH (Società Italiana di Cardiochirurgia)
Membro dei seguenti Comitati Scientifici: - CER (Comitato Etico per la Ricerca) Università di Foggia - Comitato editoriale del LeAAPS (Left Atrial Appendage Exclusion for Prophylactic Stroke Reduction) trial promosso da ATRICURE Inc. e PHRI - Editorial Board della rivista Antibiotics (I.F. 3.0) - Comitato esecutivo e del comitato editoriale del Tecarfarin versus Warfarin for Chronic Anticoagulation Trial (TACT Trial) (Promosso da Armetheon Inc. California ed eseguito dal DukeHealth Research Institute, Durham, USA). - Comitato editoriale del Vision Study (promoted by PHRI of Hamilton, Ontario, Canada). - Comitato Editoriale del Journal of Cardiovascular Medicine

• Comitato Editoriale del Giornale Italiano di Cardiologia • Comitato editoriale del Left Atrial Appendage Occlusion Study III (LAAOS III) (promoted by PHRI of Hamilton, Ontario, Canada). • Comitato editoriale del Steroids in Cardiac Surgery (SIRS) trial (promoted by PHRI of Hamilton, Ontario, Canada).
Principal investigator dei seguenti studi internazionali: • Developing a comprehensive framework for the systemic inflammation after cardiac surgery and cardiopulmonary bypass by redefining the systemic inflammatory reaction syndrome (SIRS) • Surgical Ablation of atrial Fibrillation Efficacy (SAFE) trial (promosso dal Population Health Research Institute of Hamilton, Ontario, Canada) • Low INR to minimize bleeding with mechanical valves (LIMIT) trial (promosso dal Population Health Research Institute of Hamilton, Ontario, Canada) • Pericardiotomy in Cardiac Surgery (PRINCE) trial (promosso dal Population Health Research Institute of Hamilton, Ontario, Canada) • Direct Oral Anticoagulation versus Warfarin after Cardiac Surgery (DANCE) trial (promosso dal Population Health Research Institute of Hamilton, Ontario, Canada) • The use of landiolol in mitral valve surgery: a randomized, controlled, double-blind trial (LUNA) (promosso da IRCCS San Raffaele Hospital, Milano, Italia)
Membro della Commissione Scientifica: • Membro della commissione per la definizione delle Linee Guida nazionali ISS-CNEC su “Diagnosi e Cura delle Sindromi Coronariche Acute” • Membro della commissione congiunta AGENAS-SICCH-GISE per la definizione del ruolo dell’Heart Team in Italia. • Membro della commissione per Professore Associato Settore MED/23 Università del Salento • Membro della commissione del MIUR per l’Abilitazione Scientifica Nazionale (ASN) settore concorsuale Chirurgia Cardio-toraco-vascolare
Altro: • Coordinatore del Registro delle Cardiochirurgie della Regione Puglia (Promosso dalla Regione Puglia) • Coordinatore del GIROC (Gruppo Italiano di Ricerca Outcome in Cardiochirurgia)(promosso dalla Società Italiana di Cardiochirurgia)

Attività scientifica

Finanziamenti ottenuti

Finanziamenti ottenuti in qualità di Responsabile Scientifico dall’Università di Bari e da Enti pubblici:

2009	"Effetti del trattamento profilattico con steroidi sulla disfunzione coagulativa indotta dalla circolazione extracorporea" Finanziamento dell’Ateneo di Bari anno 2009: € 5.940
2008	"Espressione genica infiammatoria in pazienti sottoposti a circolazione extracorporea: effetti di un approccio biocompatibile." Finanziamento dell’Ateneo di Bari anno 2008: € 5.962
2007	"Valutazione dell’effetto anti-infiammatorio dell’infusione continua di insulina in pazienti non diabetici sottoposti a chirurgia cardiaca" Finanziamento dell’Ateneo di Bari anno 2007: € 3.224
2006	Alterazioni ematologiche indotte dalla circolazione extracorporea. Effetto di un approccio globalmente biocompatibile.

	Accordo di Programma Quadro in materia di Ricerca Scientifica della Regione Puglia, anno 2006: € 82.333
2006	"Effetto di un HMGC α -A reduttasi (statina) sullo stato infiammatorio e pro-trombotico postoperatorio nei pazienti sottoposti ad interventi chirurgici di rivascularizzazione miocardica". Finanziamento dell'Ateneo di Bari anno 2006: € 6.080
2005	Effetti della somministrazione di due differenti dosi di eparina sull'attivazione del sistema della coagulazione e della fibrinolisi, e sulla funzione piastrinica nei pazienti sottoposti a rivascularizzazione miocardica a cuore battente. Finanziamento dell'Ateneo di Bari anno 2005: € 7.689
2004	Attivazione del sistema della coagulazione nei pazienti sottoposti ad intervento chirurgico di bypass aorto-coronarico: confronto fra tecnica a cuore battente e mediante l'uso di circolazione extracorporea. Finanziamento dell'Ateneo di Bari anno 2004: € 8.289,66

Assegni di Ricerca ottenuti dall'Università di Bari in qualità di Responsabile Scientifico:

2015	"Effetti della somministrazione di Antitrombina sullo stato emocoagulativo e sulla risposta infiammatoria in pazienti con bassi livelli plasmatici di Antitrombina dopo interventi di cardiocirurgia" Anno 2015: € 23.3333
2012	"Effetti della somministrazione di Antitrombina sullo stato emocoagulativo e sulla risposta infiammatoria in pazienti con bassi livelli plasmatici di Antitrombina dopo interventi di cardiocirurgia" Anno 2012: € 46.666,6
2007	Studio dell'attivazione del sistema della coagulazione nei pazienti sottoposti a circolazione extracorporea mediante nuove metodiche di tromboelastografia Anno 2007: € 18.700
2006	Alterazioni ematologiche indotte dalla circolazione extracorporea. Effetto di un approccio globalmente biocompatibile Anno 2006: € 18.700

Finanziamenti ottenuti in qualità di Responsabile Scientifico da aziende private:

2009	Erogazione liberale per studi nel campo dell'emostasi e coagulazione di pazienti sottoposti a chirurgia cardiaca. Azienda Kedrion, anno 2009: € 11.750
2009	Erogazione liberale per studi nel campo dell'emostasi e coagulazione di pazienti sottoposti a chirurgia cardiaca. Azienda CSL Behring, anno 2009: € 11.750
2007	Alterazioni dell'emostasi e della coagulazione in pazienti sottoposti a circolazione extracorporea Azienda Medival, anno 2007: € 18.700
2004	Formazione di anticorpi anti PF4-eparina in pazienti sottoposti a circolazione extracorporea. Azienda Pharmion S.R.L. anno 2004: € 5.000

Finanziamenti internazionali ottenuti come corresponsabile scientifico:

2022	Weill Cornell Medicine, New York Presbyterian Hospital, New York - One-month Dapt In cabg patieNts: The ODIN trial
2020	Canadian Institutes of Health Research Foundation Grant VISION Cardiac Surgery – ECG Evaluation Sub-Study Total Funding - \$534,839
2016	Canadian Institutes of Health Research Foundation Grant (7-year grant) - Predicting and preventing the major vascular complications of surgery. (Co-Investigator) \$8,439,205

2012	Canadian Institutes of Health Research Left Atrial Appendage Occlusion Study III (LAAOS III). (2012 \$365.500)
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Pubblicazioni

Dati sintetici (fonte Scopus, Elsevier – Scopus ID 57217845154, aggiornati al 01 luglio 2026):
• 180 pubblicazioni • 11 692 citazioni • 37 h-index

1.	Lamy A, Browne A, Whitlock RP, et al. Association between complications and mortality after cardiac surgery: Results from the Vascular Events in Surgery Patients Cohort Evaluation cardiac surgery prospective cohort study. J Thorac Cardiovasc Surg. 2026 May 29:S0022-5223(26)01052-4. doi: 10.1016/j.jtcvs.2026.04.056. Epub ahead of print. PMID: 42217540.
2.	McIntyre WF, Devereaux PJ, Belley-Cote EP, et al. New-onset postoperative atrial fibrillation management and outcomes: the VISION Cardiac Surgery cohort. European Heart Journal. 2026;47(23):2968-2977. doi:10.1093/eurheartj/ehag236.
3.	Paparella D, Margari V, Speziale G. Minimally invasive coronary surgery: New developments in myocardial revascularization; [Chirurgia coronarica mini-invasiva: nuovi sviluppi della rivascolarizzazione miocardica]. Giornale Italiano di Cardiologia. 2026;27(3):206-212. doi:10.1714/4650.46650.
4.	Coveliers J, Meani P, Kowalewski M, et al. Subclavian or axillary artery cannulation for extracorporeal membrane oxygenation: A systematic review. JTCVS Open. 2026;29:101562. doi:10.1016/j.xjon.2025.101562.
5.	Coveliers J, Gasparotti E, Vignali E, et al. Extracorporeal Membrane Oxygenation Related Axillary Artery Cannulation and Aortic Hemodynamics: Insights From Computational Fluid Dynamics. ASAIO Journal. 2026. doi:10.1097/MAT.0000000000002617.
6.	Lorusso R, Salazar L, Nersesian G, et al. EACTS Expert Consensus Document on protected cardiac surgery: pre-emptive use of temporary mechanical circulatory support in adult cardiac surgery patients at high risk for perioperative low cardiac output syndrome. European Journal of Cardio-thoracic Surgery. 2026;68(3):ezaf296. doi:10.1093/ejcts/ezaf296.
7.	Rauseo M, Cotoia A, Padovano FP, et al. Weaning From Mechanical Ventilation in Cardiac Surgery Patients: Current Strategies, Monitoring Innovations, and Future Perspectives. Journal of Cardiothoracic and Vascular Anesthesia. 2026. doi:10.1053/j.jvca.2026.02.009.
8.	Paparella D, Belley-Cote EP, Di Mauro M, et al. Oral anticoagulation in patients with atrial fibrillation and heart valve prosthesis: A substudy from the Left Atrial Appendage Occlusion Study (LAAOS) III trial. Journal of Thoracic and Cardiovascular Surgery. 2026;171(3):683-692.e2. doi:10.1016/j.jtcvs.2025.08.046.
9.	Belley-Cote E, Whitlock RP, Macella M, Paparella D. Reply: Let's DANCE toward an answer. Journal of Thoracic and Cardiovascular Surgery. 2026. doi:10.1016/j.jtcvs.2025.12.005.
10.	Coveliers J, Meani P, Huizinga E, et al. Large-scale computed tomography study of aortic arch and supra-aortic artery morphology: Variations and potential implications for arterial extracorporeal life support access. Perfusion (United Kingdom). 2025. doi:10.1177/02676591251370074.
11.	Belley-Côté EP, Whitlock RP, Lamy A, et al. Association Between Electrocardiographic Changes and Myocardial Injury or Death After Cardiac Surgery. Canadian Journal of Cardiology. 2025;41(12):2601-2610. doi:10.1016/j.cjca.2025.09.035.
12.	Squicciarro E, Lorusso R, Margari V, Labriola C, Whitlock R, Paparella D. Sex-related differences in systemic inflammatory response and outcomes after cardiac surgery and cardiopulmonary bypass. Interdisciplinary Cardiovascular and Thoracic Surgery. 2025;40(3):ivaf066. doi:10.1093/icvts/ivaf066.

13.	Radice RP, Martelli G, D'Amora M, et al. Correction to: Gene expression kinetics in Sepsis After Cardiac Surgery (SACS): a multicentric prospective observational study (Journal of Anesthesia, Analgesia and Critical Care, (2025), 5, 1, (57), 10.1186/s44158-025-00277-4). Journal of Anesthesia, Analgesia and Critical Care. 2025;5(1):76. doi:10.1186/s44158-025-00297-0.
14.	Squicciarro E, Lorusso R, Vetuschi P, et al. Unsupervised machine learning to explore inflammation following cardiopulmonary bypass. Perfusion (United Kingdom). 2025. doi:10.1177/02676591251372507.
15.	Krisai P, Belley-Cote EP, McIntyre WF, et al. Heart failure after left atrial appendage occlusion: Insights from the LAAOS III randomized trial. European Journal of Heart Failure. 2025;27(2):285-292. doi:10.1002/ehf.3536.
16.	Radice RP, Martelli G, D'Amora M, et al. Gene expression kinetics in Sepsis After Cardiac Surgery (SACS): a multicentric prospective observational study. Journal of Anesthesia, Analgesia and Critical Care. 2025;5(1):57. doi:10.1186/s44158-025-00277-4.
17.	Squicciarro E, Lorusso R, Consiglio A, et al. Impact of Inflammation After Cardiac Surgery on 30-Day Mortality and Machine Learning Risk Prediction. Journal of Cardiothoracic and Vascular Anesthesia. 2025;39(3):683-691. doi:10.1053/j.jvca.2024.12.013.
18.	Paparella D, Whitlock RP. Steroids in aortic dissection surgery. European Journal of Cardio-thoracic Surgery. 2025;67(4):ezaf116. doi:10.1093/ejcts/ezaf116.
19.	Squicciarro E, Lorusso R, Boccaforno G, et al. Inadequate Oxygen Delivery During Cardiopulmonary Bypass Drives Inflammatory Reaction after Cardiac Surgery. European Journal of Cardio-thoracic Surgery. 2025;67(10):ezaf340. doi:10.1093/ejcts/ezaf340.
20.	Nasso G, Vignaroli W, Contegiacomo G, et al. Conditional 1-year outcomes after emergent conversion to open heart surgery during transcatheter aortic valve implantation: a propensity-matched landmark analysis. Frontiers in Cardiovascular Medicine. 2025;12:1660381. doi:10.3389/fcvm.2025.1660381.
21.	Santarpino G, Serraino GF, Cardetta F, et al. Mechanical heart valves between myths and new evidence: A systematic review and meta-analysis. Journal of Cardiovascular Medicine. 2025;26(1):18-28. doi:10.2459/JCM.0000000000001691.
22.	Pasero D, Costamagna A, Filippini C, et al. Continuous positive airway pressure to prevent reintubation in patients recovering from cardiac surgery: A multicentre randomised clinical trial. European Journal of Anaesthesiology. 2025. doi:10.1097/EJA.0000000000002229.
23.	Santarpino G, Moretti AM, Avolio M, et al. A decade of changes in cardiac surgery: An Italian geographical and gender analysis; [Un decennio di cambiamenti nella cardiocirurgia convenzionata italiana: analisi geografica e di genere]. Giornale Italiano di Cardiologia. 2025;26(4):261-269. doi:10.1714/4464.44615.
24.	Jiritano F, Di Mauro M, Serraino GF, et al. Platelet Reduction after Transcatheter Aortic Valve Implantation: Results from the PORTRAIT Study. Journal of Clinical Medicine. 2024;13(6):1579. doi:10.3390/jcm13061579.
25.	Barone R, Di Terlizzi V, Goffredo G, Paparella D, Brunetti ND, Iacoviello M. Renal Arterial and Venous Doppler in Cardiorenal Syndrome: Pathophysiological and Clinical Insights. Biomedicines. 2024;12(6):1166. doi:10.3390/biomedicines12061166.
26.	Santarpino G, Mauro MD, De Feo M, et al. Mechanical heart valves and oral anticoagulation: a survey of the Italian Society of Cardiac Surgery. Journal of Cardiovascular Medicine. 2024;25(1):38-43. doi:10.2459/JCM.0000000000001525.
27.	Margari V, Squicciarro E, Pascarella C, Tupputi FP, Carbone C, Paparella D. Early and mid-term results of minimally invasive direct coronary artery bypass (MIDCAB) surgery. Vessel Plus. 2024;8:38. doi:10.20517/2574-1209.2024.37.
28.	Santarpino G, Di Mauro M, De Feo M, et al. Choosing a tailored prosthetic valve in cardiac surgery: What is the current role of mechanical prostheses?; [Il ruolo delle protesi valvolari meccaniche oggi. Dalla letteratura alla situazione italiana]. Giornale Italiano di Cardiologia. 2024;25(1):36-41. doi:10.1714/4165.41590.

29.	Eqbal A, Tong W, Lamy A, et al. Cost Implications of Left Atrial Appendage Occlusion During Cardiac Surgery: A Cost Analysis of the LAAOS III Trial. <i>Journal of the American Heart Association</i> . 2023;12(10):e028716. doi:10.1161/JAHA.122.028716.
30.	Margari V, Paparella D. Aortic Dissection in Pregnancy. <i>Practical Guide to Simulation in Delivery Room Emergencies</i> . 2023. doi:10.1007/978-3-031-10067-3_10.
31.	Connolly SJ, Healey JS, Belley-Cote EP, et al. Oral Anticoagulation Use and Left Atrial Appendage Occlusion in LAAOS III. <i>Circulation</i> . 2023;148(17):1298-1304. doi:10.1161/CIRCULATIONAHA.122.060315.
32.	Squicciarro E, Colombaro C, Civita A, et al. Addressing inadequate blood flow during normothermic regional perfusion for in-situ donation after circulatory death grafts preservation. <i>Perfusion (United Kingdom)</i> . 2023;38(1_suppl):54-58. doi:10.1177/02676591221150358.
33.	Calafiore AM, Prapas S, Guarracini S, et al. Strategies of cerebral protection and neurologic dysfunctions after circulatory arrest: back to the future? <i>Vessel Plus</i> . 2023;7:18. doi:10.20517/2574-1209.2023.42.
34.	Jiritano F, Serraino GF, Di Mauro M, et al. Platelet Reduction after Aortic Bioprosthesis Implantation: Results from the PORTRAIT Study. <i>Journal of Clinical Medicine</i> . 2023;12(23):7414. doi:10.3390/jcm12237414.
35.	Nasso G, Vignaroli W, Contegiacomo G, et al. Emergent Conversion to Open Heart Surgery during Transcatheter Aortic Valve Implantation: The Presence of a Rescue Team Improves Outcomes. <i>Journal of Clinical Medicine</i> . 2023;12(24):7705. doi:10.3390/jcm12247705.
36.	Squicciarro E, Margari V, Kounakis G, et al. Mid-term results of endoscopic mitral valve repair and insights in surgical techniques for isolated posterior prolapse. <i>Journal of Cardiothoracic Surgery</i> . 2023;18(1):248. doi:10.1186/s13019-023-02352-9.
37.	Paparella D, Squicciarro E, Margari V, Speziale G. Myocardial injury in off-pump and beating heart revascularization. <i>European Journal of Cardio-thoracic Surgery</i> . 2023;64(3):ezad295. doi:10.1093/ejcts/ezad295.
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Journal of Thrombosis and Thrombolysis
Blood Coagulation & Fibrinolysis
European Journal of Clinical Investigation
International Journal of Artificial Organs
PLOS One

Relazioni a Convegni su Invito

2026	Napoli, MICS 2026-Minimally Invasive & Catheter Solutions. 11-13/06/2026
2026	San Giovanni Rotondo, "L'Endocardite infettiva – Una patologia in preoccupante crescita. 05/06/2026

2026	Pescara, E.C.M. "IL CUORE UN MARO DI ONDE DIFFICILE DA CAVALCARE 2026. 15-16/05/2026
2025	Polignano a Mare, MICS ACADEMY 1 st ECMO COURSE THEORETICAL- Theoretical-Practical Course of Extracorporeal Cardiorespiratory Support. 17-18/10/2025
2025	Copenaghen, 39° EACTS Annual Meeting, Mitral valve conclave. 8-11/10/2025
2025	Foggia, Influenza del genere sugli esiti degli interventi di cardiocirurgia. 3/10/2025
2025	Milano, GISE 46° National congress Italian Society of Interventional Cardiology. 1/10/2025
2025	Manfredonia, Cardiocirurgia e interventi Trans-catetere: New and now nel Policlinico Universitario di Foggia. 27/9/2025
2025	Napoli, Lotta alla trombosi nella pratica clinica. 25/9/2025
2025	Torino, Master of repair: A journey into Aortic & Mitral repair Corcym. 19/9/2025
2025	Bergamo, New technologies and AI in Hybrid Cardiac Ablation. 12-13/9/2025
2025	Bari, Apulia Heart Failure. Il ruolo della cardiocirurgia nello scompenso cardiaco avanzato. 17/3/2025
2024	Matera, Il cuore nei sassi. La rivascolarizzazione miocardica chirurgica nella stenosi coronarica trivasale e del tronco comune. 9/11/2024
2024	Palermo, EuroValve 2024. Aortic valve replacement in the young adults. 25/10/2024
2024	Alghero, Viaggio nel Cuore. Il trattamento chirurgico della stenosi del tronco comune. 10/10/2024
2024	Firenze, Utilizzo delle Protesi Sutureless nella chirurgia aortica complessa Ospedale Careggi/Corcym. 26-27/9/2024
2024	Bari MICS 2024, Aortic Valve Replacement: the right anterior thoracotomy approach. 20/6/2024
2024	Pescara IL CUORE: UN MARE DI ONDE DIFFICILI DA CAVALCARE 2024 – La procedura di Ross: un intervento per pochi? 11 giugno/2024
2024	Manfredonia. Cardio Manfredonia. Controversie in Cardiologia. Riparazione mitralica nell'insufficienza degenerativa. 24/5/2024
2024	Acquaviva delle Fonti (BA), Ospedale Miulli – Corso ANMCO FOCUS ON L'INSUFFICIENZA MITRALICA: PERCORSI CLINICO-ASSISTENZIALI PER UN NUOVO PARADIGMA DI GESTIONE TERAPEUTICA Il trattamento chirurgico della valvola mitrale: quando e come. 14 marzo 2024
2024	Lecce, Corso Avanzato di Riparazione della valvola aortica. Fattori predittivi della riparabilità nella valvola bicuspidia aortica. 15/3/2024
2024	Webinar ANMCO Puglia: Focus su Endocarditi batteriche. Il ruolo del Cardiocirurgo 13/2/2024
2023	Salsomaggiore (PR), 3rd SICCH Course on Transcatheter, Minimally Invasive and Robotic Surgery: All Brand New and Improved. Minimally Invasive CABG 15 novembre, 2023
2023	Acquaviva delle Fonti (BA), Ospedale Miulli – Corso ANMCO FOCUS ON L'INSUFFICIENZA TRICUSPIDALICA: PERCORSI CLINICO-ASSISTENZIALI PER UN NUOVO PARADIGMA DI GESTIONE TERAPEUTICA Il trattamento chirurgico della valvola tricuspide: quando e come. 4 dicembre 2023

2023	Palermo, X ediz. Approccio multidisciplinare alle patologie cardiovascolari: dalla prescrizione al trattamento. <i>Linea guida ESC: cosa c'è di nuovo per la patologia mitralica e tricuspidaica</i> . 17 Novembre, 2023
2023	Bari, Congresso SIC-ANMCO Puglia- Basilicata. <i>Gestione dello shock refrattario e assistenza ventricolare sinistra</i> . 13 ottobre 2023
2023	Vienna, EACTS annual meeting. Medtronic Training Boot: MICS CABG 5 ottobre, 2023
2023	Roma, Corso avanzato di ecocardiografia transesofagea 3D teorico/pratico. Area Formazione Ospedale San Carlo di Nancy – GVM Care & Research. <i>Bicuspidia aortica: nuovo consenso internazionale di classificazione e intervento di Ross come alternativa alla sostituzione valvolare nel paziente giovane</i> . 15-16 settembre 2023
2023	Bari, Il RUOLO DI RM E TC CARDIOVASCOLARE NELLA PRATICA CLINICA DEL CARDIOLOGO MEET THE EXPERTS. <i>Dalla miectomia alla ventricoloplastica, ruolo dell'imaging nella chirurgia sui ventricoli</i> . 27 maggio 2023
2023	Napoli, Aortic Focus, Zooming on Advanced treatment options (CORCYM Event). <i>ERAS e MICS nel contesto del Lifetime Management. Mini-sternotomia</i> . 25-26 Maggio 2023
2023	Napoli, Aortic Focus, Zooming on Advanced treatment options (CORCYM Event). <i>Il ruolo dell'intervento di Ross nel giovane adulto. Valutazione dei follow-up ultradecennali</i> . 25-26 Maggio 2023
2023	New York, AATS Mitral Accademy. <i>Coronary complications: prevention and management</i> . 4 Maggio 2023
2022	Roma, 31° National Meeting SICCH, Società Italiana di Chirurgia Cardiaca, 10 – 11 novembre 2022.
2022	Manfredonia (FG), Captain Heart, la cardiologia in capitanata, 28 – 29 ottobre 2022.
2022	Francavilla Fontana (BR), Update on Heart, Congresso congiunto ANCE, 28 -29 ottobre 2022.
2022	Bari, Life Rhythm 2022, VIII edizione del congresso biennale sulle novità terapeutiche in ambito cardiovascolare, patrocinato ANMCO, 20 – 22 ottobre 2022.
2022	Matera, Il cuore nei sassi, UTIC Scientific Culture 2022, 7 – 8 ottobre 2022.
2022	Lecce, Minimally Invasive Cardiac Surgery and Non Conventional Interventional and Cardiology, Mitral Conferences (MICS), 16 – 17 giugno 2022
2022	Pescara, Convegno Nazionale di Cardiologia IV Edizione “Il cuore, un mare di onde difficili da cavalcare” 10 – 11 giugno 2022
2022	Rimini, 53 Congresso Nazionale Associazione Nazionale Medici cardiologi Ospedalieri (ANMCO) 19-21 maggio 2022
2021	Roma, 16-18 dicembre. XXX Meeting della Società Italiana di Cardiocirurgia (SICCH): <i>Coronary artery bypass grafting</i> .
2021	Bari 25-27 novembre Congresso ANMCO SIC Puglia Basilicata: Chiusura chirurgica dell'auricola
2021	Ecocardiocirurgia 2021 Webinar – Master in Cardiocirurgia: Mitrale, stato dell'arte
2021	Roma 19 Febbraio Webinar. La Fibrillazione Atriale

2019	Matera 4-6 aprile Congresso ANMCO SIC Puglia Basilicata: Trattamento delle complicanze meccaniche dell'infarto.
2018	Roma, Novembre 2018. XXIX Meeting della Società Italiana di Cardiocirurgia (SICCH): <i>Molecular pathways in coronary artery disease: is there anything new?</i>
2018	Martina Franca (TA) 9-10 novembre 2018 XXXIV Congresso Regionale ARCA PUGLIA IX CONGRESSO PROVINCIALE IONICO – VIII SESSIONE: EMODINAMICA E CARDIOCHIRURGIA “Sostituzione valvolare chirurgica”
2018	Monopoli, 5 Maggio 2018. Cardio-Monopoli. ECMO: indicazioni ed aspetti organizzativi.
2018	Bari, 26-27 marzo 2018, Università degli Studi di Bari –ADVANCE IN RENAL REPLACEMENT THERAPY “La risposta infiammatoria da circolazione extracorporea e danno multi organo
2018	MATERA 2-3 febbraio 2018 Congresso: Endocardite Batterica La gestione Multidisciplinare tra territorio e Ospedale “Endocardite Batterica su protesi: I reinterventi”
2017	Campobasso, April 2017. New trends in mitral and tricuspid surgery: minimally invasive approach in redo mitral and tricuspid surgery.
2017	Mansoura (Egypt), December 2017. 3rd ANNUAL CONFERENCE OF MANSOURA CARDIOTHORACIC SURGERY DEPARTMENT. Minimally Invasive Mitral repair. Ventricular Assist Device: indications and implant techniques.
2017	Bari, 5 Ottobre 2017 Apulia Heart Failure: Indicazioni all'ECMO.
2016	Cairo, 20-22 Aprile, Mansoura University (MU) Minimally invasive cardiac surgery (EACTS 2016)
2016	Matera, 14-15 aprile 2016 7° CORSO DI AGGIORNAMENTO INTERDISCIPLINARE SUL PAZIENTE CRITICO” “Nuove possibilità terapeutiche nel paziente con HIT “
2016	Fondazione Maugeri - Cassano delle Murge 18 e 19 Marzo 2016 Congresso di ecocardiografia VII° CORSO DI ECOCARDIOGRAFIA CLINICA: “ECOCARDIOGRAFIA IN AREA CRITICA” “I VAD: il supporto del ventricolo sinistro, come funziona, le indicazioni, i risultati del suo impiego”
2014	Bari, 28 Ottobre 2014 Giornate di Aggiornamento in Cardiologia 2014/2015 LO SCOMPENSO CARDIACO: ASPETTI FISIOPATOLOGICI E CLINICI III SESSIONE “Lo scompenso cardiaco end-stage: Quando i device di assistenza meccanica”
2014	Bari, 18 Novembre 2014 Giornate di Aggiornamento in Cardiologia 2014/2015 UPDATE SULLE SINDROMI CORONARICHE “Il trattamento della MVD nelle Linee Guida e nel mondo reale: Il parere del Cardiocirurgo”
2013	Bari 4 dicembre 2013. Convegno regionale GISE. CTO, indicazioni, materiali e tecniche. <i>La rivascolarizzazione chirurgica è il miglior trattamento per la coronaropatia multivasale cronica.</i>
2013	Bari, XXIX CONGRESSO REGIONALE ARCA PUGLIA - 29/30 NOVEMBRE 2013. <i>La chirurgia mitralica mini-invasiva</i>
2013	Bari, 29 ottobre 2013. ANMCO - Giornate di aggiornamento in cardiologia. <i>Evoluzione della rivascolarizzazione chirurgica.</i>
2013	Bari, 18 ottobre 2013. ANMCO-SIC Fondazione Maugeri – Recenti acquisizioni sullo scompenso cardiaco. <i>Assistenza meccanica. Quali novità?</i>

2013	Bari, 10 Ottobre 2013. ANMCO Corso ECM. La stenosi valvolare aortica asintomatica. <i>Quando il rischio chirurgico è davvero proibitivo?</i>
2013	Bari, 13 giugno 2013. 25° Congresso della Società polispecialistica italiana dei giovani chirurghi. <i>Off pump vs. On Pump: 20 anni di esperienza.</i>
2013	Milano, 24 maggio 2013. Società Italiana di Cardiocirurgia: SICCH Basic and Translational meetings: <i>How to improve biocompatibility of cardiopulmonary bypass: is the only way to avoid the pump?</i>
2012	Bari, 22 giugno 2012. Corso ANMCO-Fondazione Maugeri. <i>La Rivascolarizzazione estrema e correzione dell'insufficienza mitralica</i>
2012	Firenze, 1 giugno 2012. 43° Congresso Nazionale di Cardiologia ANMCO. <i>Trattamento chirurgico dell'insufficienza mitralica funzionale.</i>
2012	Bari, 18 ottobre 2012. Baricardiologia 2012 I dati del Registro Clinico della Cardiocirurgia in Puglia del 2011
2012	Milano, 16 marzo 2012. Translational Cardiovascular Medicine: Italian Meeting on Cardiovascular Surgery. <i>The modulation of inflammatory and hemostatic pathways in coronary bypas surgery: another potential field of translational medicine?</i>
2012	Bari, 13-14 gennaio 2012. ECMOnet. Gestione del paziente nella grave insufficienza respiratoria acuta ipossiémica
2011	Bari, 20 ottobre, 2011 Corso ANMCO, Baricardiologia. Nessun paziente è a rischio troppo elevato per la sostituzione valvolare aortica.
2011	Ostuni (Br), 27 maggio 2011. Corso SIC. Complicanze Aritmiche dello Scompenso cardiaco e morte improvvisa giovanile. <i>La chirurgia mini-invasiva della mitrale.</i>
2010	Bari, 29 ottobre, 2010. Corso ANMCO, Baricardiologia. Timing dell'insufficienza mitralica degenerativa alla luce delle nuove possibilità riparative.
2010	Cassano Murge (BA), 22 ottobre 2010. III Corso Teorico-Pratico di ecocardiografia clinica. Timing dell'intervento. Le informazioni necessarie per la scelta delle soluzioni possibili: riparazione per cutanea; riparazione chirurgica o sostituzione valvolare.
2009	Bari, 24 ottobre 2009. Emergenze Cardiovascolari (Congresso organizzato dalla Divisione di Cardiologia Ospedaliera del Policlinico di Bari, dott. G. Antonelli). <i>Trattamento aggressivo della coronaropatia multivasale: è meglio il CABG.</i>
2009	Bari, 2 ottobre 2009. La cardiopatia ischemica dell'anziano (Congresso SIC Appulo-Lucana). <i>La Sindrome coronarica acuta: terapia chirurgica in emergenza ed elezione.</i>
2009	Bisceglie (BA), 25-26 settembre 2009. L'insufficienza cardiaca cronica. Fattori eziologici e strategie terapeutiche (Centri di Riabilitazione Opera Don Uva). <i>Ruolo della terapia chirurgica nel trattamento dello scompenso cardiaco cronico.</i>
2009	Catanzaro, 29 giugno 2009. Seminari di Medicina e Chirurgia Cardiovascolare della Magna Grecia. La sindrome Infiammatoria in Cardiocirurgia. <i>Coagulazione ed Infiammazione.</i>
2009	Bari, 30 gennaio 2009. La gestione del paziente con scompenso cardiaco cronico (Congresso ANMCO-SIC). <i>L'insufficienza mitralica funzionale: quando operare?</i>
2008	Bari, 24 novembre, 2008. Convegno ECM (Prof. Ciavarella). Le eparine amiche o nemiche?: benefici e rischi. <i>Il problema della HIT in Cardiocirurgia.</i>

2007	Bari, 17 novembre, 2007. Congresso Regionale ANCE. Il dolore toracico. <i>Le patologie dell'aorta.</i>
2007	Bari, 9 novembre, 2007. Società Italiana di Cardiologia Invasiva (GISE). NSTEMI patients: Percorsi terapeutici. <i>I limiti della Cardiochirurgia.</i>
2007	Bari, 18 Maggio; 2007. La cardiopatia ischemica (Congresso Società Italiana di Cardiologia). <i>Indicazioni chirurgiche nelle complicanze meccaniche dell'infarto acuto del miocardio.</i>
2006	Bari, 25 novembre, 2006. Trombosi e trombocitopenie indotte da eparina. <i>L'incidenza della HIT in cardiochirurgia.</i>
2006	Bari, 20 novembre, 2006. Federazione Italiana di Cardiologia. Rete interspedaliera e linee guida per le sindromi coronariche acute. <i>Il ruolo del cardiocirurgo.</i>
2006	Venezia, 25 Maggio, 2006. European Association of Cardiothoracic Anaesthesiologists Annual Meeting. <i>Mechanical ventilation and inflammatory response.</i>
2005	Bari, 28 Ottobre 2005: Seminario di Aggiornamento Associazione Nazionale Medici Cardiologi Ospedalieri (ANMCO) Clinical competence nelle Unità Coronariche – Confronto tra Emodinamista e Cardiochirurgo
2005	Catanzaro, 1 Ottobre 2005: Attualità in Chirurgia Mitralica Trattamento chirurgico dell'insufficienza mitralica ischemica
2004	Bari, 2 Dicembre 2004: I Simposi del Caract: Corso di Aggiornamento in anestesia-Rianimazione Cardio-Toracica e Circolazione Extracorporea <i>Coagulation abnormalities: ONPUMP vs. OFF PUMPCABG.</i>

Elenco delle principali comunicazioni a congressi

2020	August digital Meeting European Society of Cardiology <i>Vitamin K Antagonists versus Direct Oral Anticoagulants after Cardiac Surgery: a 31-country cohort study</i>
2019	Toronto, 4-7 maggio, 2019 AATS Annual Meeting. <i>Full-sternotomy and minimal access approaches for surgical aortic valve replacement: a multicenter propensity matched study</i>
2019	New York, 2-3 maggio, 2019 AATS Mitral Conclave. <i>Current Trends in Mitral Valve Surgery: a Multicenter National Comparison between Full-Sternotomy and Minimally-Invasive Approach.</i>
2018	Milan, 18-20 October 2018 EACTS 32 nd Annual Meeting. <i>Minimally invasive surgical aortic valve replacement versus transcatheter aortic valve replacement: a multi-center matched comparison.</i>
2016	Barcelona, October 2016 EACTS 30 th Annual Meeting: <i>Minimally Invasive Heart Valve Surgery: Influence on Coagulation and Inflammatory Response.</i>
2016	Baltimore, Maryland, May 14–18, 2016. AATS 96th Annual Meeting. <i>A predictive model for early mortality after surgical treatment of heart valve or prosthesis infective endocarditis. The EndoSCORE.</i>
2016	Baltimore, Maryland Maggio 14–18, “ <i>The Effects of Steroids on Coagulation Dysfunction Induced by Cardiopulmonary Bypass: A Steroids in Cardiac Surgery (SIRS) Trial Sub-study</i> ” at the AATS 96th Annual Meeting

2011	Lisbon, October 4 th 2011 EACTS 25 th Annual Meeting: <i>A closed phosphorylcholine coated cardiopulmonary bypass circuit reduces inflammatory response and coagulopathy following coronary artery bypass grafting. A randomized controlled trial.</i>
2009	Aprile 2009, Varsavia, Comunicazione al cinquantottesimo Congresso della Società Europea di Chirurgia Cardio-vascolare. <i>A closed phosphorylcholine coated cardiopulmonary bypass circuit reduces inflammatory response and coagulopathy following coronary artery bypass grafting operation.</i> Paparella D, Scrascia G, Rotunno C, Marraudino N, Rubino G, Arbues M, de Luca Tupputi Schinosa L.
2009	Aprile 2009, Varsavia, Comunicazione al cinquantottesimo Congresso della Società Europea di Chirurgia Cardio-vascolare. <i>Protective effects of steroids in cardiac surgery. A meta-analysis of randomized double blind trials.</i> Paparella D, Cappabianca G, Ranieri VM, Rotunno Crescenza, de Luca Tupputi Schinosa L.
2008	Novembre 2008, Roma, Comunicazione al ventiquattresimo Congresso della Società Italiana di Chirurgia Cardiaca <i>Prognostic value of preoperative cardiac troponin I in patients undergoing CABG with recent acute myocardial infarction.</i> G. Scrascia, D. Paparella, P.G. Malvindi, A. Paramythiotis, E. Conte, P. Guida, S. Favale, L.de Luca Tupputi Schinosa
2008	Novembre 2008, Roma, Comunicazione al ventiquattresimo Congresso della Società Italiana di Chirurgia Cardiaca <i>Clotting and TAFI (thrombin activatable fibrinolysis inhibitor) activation during off-pump coronary artery bypass grafting (OPCAB): no impact of heparin dosage.</i> Paparella D, Scrascia G, Galeone A, Fondacone C, Semeraro N, Colucci M, de Luca Tupputi Schinosa L.
2008	Novembre 2008, Roma, Comunicazione al ventiquattresimo Congresso della Società Italiana di Chirurgia Cardiaca <i>Protective effects of steroids in cardiac surgery. A meta-analysis of randomized double blind trials.</i> Paparella D, Cappabianca G, Ranieri VM, Rotunno Crescenza, de Luca Tupputi Schinosa L.
2008	Novembre 2008, Roma, Comunicazione al ventiquattresimo Congresso della Società Italiana di Chirurgia Cardiaca <i>Formation of anti-PF4/heparin antibodies following cardiac surgery: influence of perioperative platelet activation, the inflammatory response, and HLA status</i> Paparella D, Scrascia G, Galeone A, Coviello M, Cappabianca G, de Luca Tupputi Schinosa L, Warkentin TE.
2007	Giugno 2007, Cracovia, Comunicazione al ventiduesimo Congresso della European Society of Cardio-thoracic Anesthesiologists. <i>Hepatic arterial buffer response during off-pump coronary surgery: a transoesophageal Doppler study.</i> Fiore G, Brienza N, Fondacone C, Tunzi P, Marraudino N, Paparella D , de Luca Tupputi Schinosa L, Fiore T.
2007	Giugno 2007, Cracovia, Comunicazione al ventiduesimo Congresso della European Society of Cardio-thoracic Anesthesiologists. <i>Intraoperative evaluation of splanchnic blood flow: comparison of two transoesophageal approaches.</i> Fiore G, Brienza N, Cicala P, Tunzi P, Marraudino N, Paparella D , de Luca Tupputi Schinosa L, Fiore T.
2007	Giugno 2007, Cracovia, Comunicazione al ventiduesimo Congresso della European Society of Cardio-thoracic Anesthesiologists. <i>Effects of postoperative antithrombin levels on short and mid-term outcome following cardiac surgery.</i> Paparella D , Cappabianca G, Scrascia G, Paramythiotis A, Cicala P, Fiore G, Fiore T, de Luca Tupputi Schinosa L.

2007	Giugno 2007, Cracovia, Comunicazione al ventiduesimo Congresso della European Society of Cardio-thoracic Anesthesiologists. <i>Antithrombin administration after cardiac surgery: a propensity treatment-control matched study</i> Cappabianca G, Paparella D, Scrascia G, Malvindi PG, Tunzi P, Fiore G, Fiore T, de Luca Tupputi Schinosa L.
2007	Giugno 2007, Cracovia, Comunicazione al ventiduesimo Congresso della European Society of Cardio-thoracic Anesthesiologists. <i>Mid-term significance of myocardial necrosis markers release after off-pump coronary artery bypass grafting operation.</i> Cappabianca G, Paparella D, Galeone A, Traversa M, Arbues M, Rubino G, Fiore T, de Luca Tupputi Schinosa L.
2007	Maggio 2007, Venezia, Comunicazione al cinquantaseiesimo Congresso della European Society of Cardiovascular Surgery <i>Brain natriuretic peptide activity in patients undergoing mitral valve repair dor severe ischemic regurgitation.</i> Paparella D, Visicchio G, Malvindi PG, Scrascia G, Romito R, Di Serio F, de Luca Tupputi Schinosa L
2007	Maggio 2007, Venezia, Comunicazione al cinquantaseiesimo Congresso della European Society of Cardiovascular Surgery <i>Plasma D-dimers in acute aortic dissection: diagnostic and prognostic role.</i> Paparella D, Malvindi PG, Scrascia G, Visicchio G, de Ceglia D, Mangini F, Favale S, de Luca Tupputi Schinosa L.
2006	Novembre 2006, Roma, Comunicazione al ventitreesimo Congresso della Società Italiana di Chirurgia Cardiaca. Early and mid-term significance of myocardial necrosis marker release after off-pump coronary artry by-pass grafting operation. Paparella D, Cappabianca G, Malvindi P, Paramythiotis A, Galeone A, Di Bari N, Fondacone C, de Luca Tupputi Schinosa L
2005	Maggio 2005, Atene, Comunicazione al cinquantaquattresimo Congresso della European Society of Cardiovascular Surgery Activation of the coagulation system following coronary artery bypass operations: difference between the On pump and Off pump techniques. Paparella D, GaleoneA, VenneriMT, CovielloM, Scrascia G, MarraudinoN, QuarantaM, de Luca Tupputi SchinosaL.
2005	Maggio 2005, Atene, Comunicazione al cinquantaquattresimo Congresso della European Society of Cardiovascular Surgery <i>Preoperative inflammatory status influente short and mid-term outcome after cardiac surgery.</i> Paparella D, Cappabianca G, Visicchio G, Galeone A, Mammola C, de Luca Tupputi Schinosa L.
2005	Maggio 2005, Atene, Comunicazione al cinquantaquattresimo Congresso della European Society of Cardiovascular Surgery <i>Cardiac Troponin I release after coronary artery bypass surgery, effects on operative and mid-term survival.</i> Paparella D, Cappabianca G, Visicchio G, Galeone A, Memmola C, de Luca Tupputi Schinosa L.
2004	Dicembre 2004. Comunicazione al sessantacinquesimo Congresso della Società Italiana di Cardiologia Impiego di uno score ecocardiografico transesofageo di degenerazione mitralica per la valutazione pre-valvuloplastica dei pazienti con insufficienza severa da prolasso flail. Carone A, Memmola C, de Luca Tupputi Schinosa L, Paparella D.

2004	Dicembre 2004. Comunicazione al sessantacinquesimo Congresso della Società Italiana di Cardiologia. <i>Significato della Troponina I postoperatoria nei pazienti operati di rivascolarizzazione miocardia. Effetto sulla mortalità ospedaliera e sul follow up a medio termine.</i> Paparella D, Cappabianca G, Visicchio G, Galeone A, Memmola C, de Luca Tupputi Schinosa L.
2004	Novembre 2004 Comunicazione al ventesimo Congresso della Società Italiana di Chirurgia Cardiaca. Blood damage related to cardiopulmonary bypass. In vivo and in vitro comparison of two different centrifugal pumps. Paparella D, GaleoneA, VenneriMT, CovielloM, VisicchioG, CappabiancaG, MaselliG, MarraudinoN, QuarantaM, de Luca Tupputi SchinosaL.
2004	Novembre 2004 Comunicazione al ventesimo Congresso della Società Italiana di Chirurgia Cardiaca. Mechanical ventilation affects inflammatory mediators in patients undergoing cardiopulmonary bypass for cardiac surgery: a randomized clinical trial. Paparella D, Turani F, Munch C, Rossi A, Massaccesi S, Ranieri VM, Zupancich E.
2004	Novembre 2004 Comunicazione al ventesimo Congresso della Società Italiana di Chirurgia Cardiaca. Short and mid-term prognostic value of preoperative C-reactive protein plasma levels in patients undergoing cardiac surgery. Paparella D, Cappabianca G, Capone G, Lionetti G, Numis F, Visicchio G, Ferrara P, de Luca Tupputi Schinosa L.
2002	Novembre 2002 Comunicazione al diciannovesimo Congresso della Società Italiana di Chirurgia Cardiaca. Heparin effects on inflammation and coagulation system following cardiopulmonary bypass. A randomized clinical trial. Paparella D, Meng QH, Teoh K, Venner T, Al Radi O, Young E, de Luca Tupputi Schinosa L.
2000	Novembre 2000. Comunicazione al diciottesimo Congresso della Società Italiana di Chirurgia Cardiaca. AntiHeparin-platelet factor 4 antibodies after cardiopulmonary bypass: role of the HLA system. Paparella D, Vitale N, Micelli M, Favoino B, D'Aló M, Serena D, Agnino A, de Luca Tupputi Schinosa L.
2000	Luglio 2000 Comunicazione al Twelfth World Congress of the International Society Cardio-Thoracic Surgery. Perioperative predictive risk factors for early death in surgical repair of acute type A aortic dissection. Paparella D, D'Agostino D, Schena S, Mannatrizio G, Ferlan G, Paradiso V, De Pasquale C, Marraudino N, Agnino A, Petrucelli D, Ciano M, de Luca Tupputi Schinosa L.
2000	Maggio 2000 Comunicazione al sedicesimo Congresso della Società italiana di Emostasi e Trombosi. Anti-platelet factor 4 antibodies after cardiac surgery and HLA expression. Micelli M, Paparella D, Favoino B, Vitale N, Centonze G, Costi A, de Luca Tupputi Schinosa L, Fiore T.
1999	Giugno 1999 Comunicazione al 17thInternational and 13thEuropean Congress of Clinical Chemistry and Laboratory Medicine.

	Re-esposure to heparin induces anti platelet factor 4 antibodies after cardiac surgery. Paparella D , Micelli M, Fanciullo F, Russo E, D'Aló M, Serena D, Vitale N, Fiore T, de Luca Tupputi Schinosa L.
1998	Luglio 1998 Comunicazione al diciannovesimo Congresso della Società Italiana di Chirurgia Cardiaca e Vascolare: Dissezione acuta dell'aorta. Nostra esperienza degli ultimi 5 anni. D'Agostino D, Ferlan G, Mannatrizio G, Paradiso V, De Pasquale C, Fondacone C, Marraudino N, Paparella D , Serena D, Schena S, Petrucelli D, Ciano M, de Luca Tupputi Schinosa L.
1998	Luglio 1998 Comunicazione al diciannovesimo Congresso della Società Italiana di Chirurgia Cardiaca e Vascolare: <i>Valutazione del rischio genetico di dissezione aortica: associazione con il polimorfismo del gene dell'ACE.</i> Schena S, Cerullo G, Gesualdo L, Paparella D , Vitale N, de Luca Tupputi Schinosa L, Schena FP.
1995	Ottobre 1995 Comunicazione al quarantanovesimo Congresso della Società Italiana di Anestesia, Analgesia, Rianimazione e Terapia Intensiva: <i>Effects of cardiopulmonary bypass on respiratory mechanics.</i> Fiore T, Ranieri VM, Vitale N, Mascia N, Puntillo N, Petruzzelli V, Grasso S, Tunzi P, Cicala P, Paparella D , de Luca Tupputi Schinosa L, Giuliani R.
1995	Luglio 1995 Comunicazione al diciassettesimo Congresso della Società Italiana di Chirurgia Cardiaca e Vascolare: <i>Alterazioni della meccanica respiratoria dopo circolazione extracorporea.</i> Vitale N, Ranieri V, Mascia L, Paparella D , Fiore T, de Luca Tupputi Schinosa L.
1995	Luglio 1995 Comunicazione al diciassettesimo Congresso della Società Italiana di Chirurgia Cardiaca e Vascolare: <i>Risultati preliminari clinici ed ecocardiografici con protesi valvolare cardiaca Bicarbon.</i> Vitale N, Renzulli A, Paparella D , Ismeno G, de Luca Tupputi Schinosa L, Cotrufo M.

Moderatore a Convegni su Invito

2023	Corso ANMCO Cardio Imaging L'Imaging delle valvulopatie 25 novembre, 2023
2021	52° Congresso ANMCO. Sessione: "Quando la Cardiochirurgia è l'opzione primaria".
2019	Bari, 17 dicembre, Cardiologia Ospedale San Paolo, L PAZIENTE CON STENOSI AORTICA DALL'INQUADRAMENTO CLINICO ALLE NUOVE OPZIONI TERAPEUTICHE
2019	Salsomaggiore, 22-23 novembre, 2nd SICCH Course on Transcatheter Surgery: State of the Art and New Trends
2019	Bari, 14-16 Febbraio. Università degli Studi di Bari. Innovations in cardiology: when cardiac imaging meets clinical needs. Advanced diagnostic in mini-invasive procedure.
2018	Bari, 30 novembre 2018. GVM Care & Research. ECMO Multidisciplinary Approach Day.
2018	Roma, Novembre 2018. XXIX Meeting della Società Italiana di Cardiochirurgia (SICCH): Rapid Fire: aortic surgery
2018	Roma, Novembre 2018. XXIX Meeting della Società Italiana di Cardiochirurgia (SICCH): <i>ITAVI (Comparison of SAVR and TAVI in isolated aortic valve disease)</i>

2018	Bari ANMCO-SIC Puglia Basilicata 7-8 Aprile 2018. Aggiornamento sulle linee guida della rivascolarizzazione miocardica.
2016	Bologna, 23 settembre 2016 presso Società Medica Chirurgica "Patologie e tecniche chirurgiche dell'aorta toracica: i contributi italiani"
2016	Roma 17-18 Giugno 2016 Parco dei Principi Grand Hotel Rome Italy MICS 2016 "The first Mitral Conference promoted by Mitral Academy" - Session: Minimally Invasive Mitral Surgery
2016	11 giugno 2016 Sala Convegni Fondazione di Ricerca e Cura Giovanni Paolo II – Campobasso Patologia valvolare aortica Heart Team nella realtà clinica : Approccio integrato tra il cardiologo ed il cardiocirurgo II Sessione "Strategie chirurgiche nella stenosi aortica ": The valve Clinic
2016	Rimini 2-4 Giugno 2016 47° Congresso Nazionale Associazione Nazionale Medici Cardiologici Ospedalieri (ANMCO 2016) Titolo Sessione: Cardiocirurgia dell'Aorta Tipologia Sessione: La Ricerca Cardiologica in Italia

Organizzazione di Congressi con l'incarico di Segretario Scientifico (con accreditamento ECM)

2019	Bari, 14 dicembre. Ospedale Santa Maria GVM Care & Research Monitoraggio e Terapia mirata dell'emostasi nel paziente critico. Relatori invitati: M. Panigada (Milano), M. Colucci (Bari),
2019	Bari, 9-10 maggio 2019. Aortic MICS: aggiornamenti sul trattamento della patologia valvolare aortica. Relatori invitati: Tirone David (Canada), Richard Whitlock (Canada), Antonio Colombo (Milano), Ruggero De Paulis (Roma), Roberto Di Bartolomeo (Bologna).
2016	Bari, 07 Maggio 2016 "ECMO nello scompenso cardiaco e nell'insufficienza respiratoria". Relatori Invitati: A. Passantino, G. Casali, C. Russo, A. Galeone, S. Grasso, D. Rutigliano.
2016	Bari, 30 Gennaio 2016 "ECMO nell'arresto cardiaco: dalle indicazioni alla realizzazione della rete intraospedaliera ed oltre". Relatori invitati : R. Lorusso (Maastricht University Medical Centre, Maastricht), C. Russo (Ospedale Niguarda Ca'Granda - Milano), M. Raimondi (Policlinico San Matteo, Pavia), A. Degani (Policlinico San Matteo, Pavia), A. Galeone (Hopital Universitaire Pitié-Salpêtrière-Parigi)
2013	Bari, March 2013. " <i>Blood component use in cardiac surgery and intensive care units</i> ". Invited speakers: Alessandro Parolari (Milan, Italy); Marco Ranucci (Milan, Italy)
2008	Bari, Giugno 2008. " <i>La Rivascolarizzazione Miocardica</i> ". Relatori invitati: Stephanie Brister (Toronto, Canada), Michael Buchanan (Hamilton, Canada), Edoardo Camenzind (Losanna, Svizzera), Giovanni De Gaetano (Campobasso), Sabino Iliceto (Padova), Harold Lazar (Boston, USA), Mario Viganò (Pavia), Ludwig von Segesser (Losanna, Svizzera).
2006	Bari, Maggio 2006. " <i>Seminari di Chirurgia Cardiaca: la chirurgia dell'aorta</i> ". Relatori invitati: Jean Bachet (Parigi, Francia), Maurizio Cotrufo (Napoli), Tirone David (Toronto, Canada), Teruisha Kazui (Hamamatsu, Giappone).

Istruzione e Formazione

Giugno 2000	Iscrizione all'Albo del College of Physicians and Surgeons of Ontario, Canada. Giugno 2000, Toronto (Ontario, Canada).
Ottobre 1999	Specializzazione in Cardiocirurgia con pieni voti: Ottobre 1999, Università di Bari.
Luglio 1999	Test of Spoken English (TSE). Luglio 1999. Punteggio: 55 su 60.

Maggio 1999	Test of English as a Foreign Language (TOEFL). Maggio 1999. Punteggio: 247 su 300.
Giugno 1994	Iscrizione all'Albo dell'Ordine dei Medici della Provincia di Bari: Giugno 1994, Bari.
Novembre 1993	Laurea in medicina e chirurgia con pieni voti: Novembre 1993, Università di Bari.
Luglio 1986	Maturità classica: Luglio 1986, Liceo Classico Orazio Flacco, Bari.

Link personali

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Orcid	https://orcid.org/0000-0003-2261-7098
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57217845154
Research Gate	https://www.researchgate.net/profile/Domenico-Paparella

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Foggia, 06 luglio 2026

In fede,
Domenico Paparella




Domenico
Paparella
06.07.2026
18:03:07
GMT+02:00

**FORMATO EUROPEO
PER IL CURRICULUM
VITAE**



INFORMAZIONI PERSONALI

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E-mail
INDIRIZZO
Telefono
Nazionalità
DATA E LUOGO DI NASCITA

CALOGERA PISANO

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01/04/1982 A MENFI

**POSIZIONE ACCADEMICA
ATTUALE**

**PROFESSORE ASSOCIATO (L.240/10), MEDS-13/C CHIRURGIA CARDIACA,
SETTORE CONCURSALE 06/MEDS-13 (dal 2 Aprile 2024 ad oggi)**

UNIVERSITA' DEGLI STUDI DI PALERMO

FACOLTA' DI MEDICINA E CHIRURGIA

Dipartimento di Medicina di Precisione in Area Medica, Chirurgica e Critica (**Me.Pre.C.C.**)

**DIRETTORE DELLA SCUOLA DI SPECIALIZZAZIONE IN CARDIOCHIRURGIA
(dal 2 Febbraio 2026)**

UNIVERSITA' DEGLI STUDI DI PALERMO

FACOLTA' DI MEDICINA E CHIRURGIA

**PRESIDENTE DEL CORSO DI LAUREA IN TECNICHE DELLA FISIOPATOLOGIA
CARDIOCIRCOLATORIA E PERFUSIONE CARDIOVASCOLARE**

UNIVERSITA' DEGLI STUDI DI PALERMO

FACOLTA' DI MEDICINA E CHIRURGIA

**ABILITAZIONE SCIENTIFICA NAZIONALE PER LA PRIMA FASCIA
settore concorsuale 06/MEDS-13 , SSD MEDS-13C (fino al 12 Aprile 2032)**

INCARICHI ACCADEMICI

**COMPONENTE DELLA COMMISSIONE AQ DELLA RICERCA E TERZA MISSIONE
Dipartimento Me.Pre.C.C- Università degli Studi di Palermo**

**COMPONENTE DELLA COMMISSIONE DI GESTIONE AQ DELLA DIDATTICA
DIPARTIMENTALE (CAQ-DD) Me. Pre.C.C.-Università degli Studi di Palermo**

**DELEGATO DEL DIPARTIMENTO Me.Pre.C.C. AL MARKETING E ALLA COMUNICAZIONE
Dipartimento Me.Pre.C.C. Università degli Studi di Palermo**

POSIZIONI ACCADEMICHE PREGRESSE

UNIVERSITA' DEGLI STUDI DI ROMA "TOR VERGATA"

FACOLTA' DI MEDICINA E CHIRURGIA -Dipartimento Accademico di Scienze Chirurgiche

- ✓ **PROFESSORE ASSOCIATO (L.240/10), MED 23 CHIRURGIA CARDIACA, SETTORE CONCURSALE 06/E1** (dal 11 Marzo 2021 al 2 Aprile 2024)
Congedo obbligatorio per maternità: 20/10/2021 al 20/03/2022
- ✓ **PRESIDENTE DEL CORSO DI LAUREA IN TECNICHE DELLA FISIOPATOLOGIA CARDIOCIRCOLATORIA E PERFUSIONE CARDIOVASCOLARE**
(dal 18 Gennaio 2022 al 2 Aprile 2024)
- ✓ **DIRETTORE DELLA SCUOLA DI SPECIALIZZAZIONE IN CARDIOCHIRURGIA**
(dal 24 Gennaio 2023 al 2 Aprile 2024)
- ✓ **RICERCATORE UNIVERSITARIO A TEMPO DETERMINATO In CARDIOCHIRURGIA** (dal 19 Luglio 2017 al 18 DICEMBRE 2020)
Congedo obbligatorio per maternità dal 23/01/2018 al 26/06/2018

UNIVERSITA' DEGLI STUDI DI PALERMO

FACOLTA' DI MEDICINA E CHIRURGIA

Dipartimento di Discipline Chirurgiche, Oncologiche e Stomatologiche

- ✓ **CULTORE DELLA MATERIA DI CARDIOCHIRURGIA-** Settore scientifico-disciplinare: MED/23 CHIRURGIA CARDIACA - Settore concorsuale: 06/E1- (dal 1 Novembre 2014 al 28 Marzo 2017)

LAUREA

LAUREA IN MEDICINA E CHIRURGIA (110/110 e lode)

Università degli Studi di Palermo - 25 luglio 2007

ISCRIZIONE ALBO DEI MEDICI

ALBO DEI MEDICI DI AGRIGENTO AG4129 (data iscrizione 18/03/2008)

SPECIALIZZAZIONE

SPECIALIZZAZIONE IN CARDIOCHIRURGIA (50/50 e lode)

Università degli Studi di Palermo- 9 aprile 2013

DOTTORATO

DOTTORATO INTERNAZIONALE in "MICROBIOLOGIA, IMMUNOLOGIA, MALATTIE INFETTIVE E TRAPIANTI "MIMIT

Università degli Studi di ROMA " Tor Vergata"

Conseguito il 28-01-2021

TRAINING FORMATIVO ED ATTIVITA' ASSISTENZIALE

ITALIA

UNIVERSITA' DEGLI STUDI DI PALERMO

Unità Operativa di Cardiocirurgia
Gennaio 2005 - Novembre 2011 / Novembre 2013- Luglio 2018

UNIVERSITA' DEGLI STUDI DI ROMA "TOR VERGATA"

Unità Operativa di Cardiochirurgia
Luglio 2018 ad oggi

ESTERO

PAPWORTH HOSPITAL NHS FOUNDATION TRUST, CAMBRIDGE, UK

Clinical Fellow in Cardiac and Thoracic Surgery

Department of Thoracic and Cardiac Surgery, Director Mr David Jackins
Dal 28 Novembre 2011 all'8 Dicembre 2012

ROYAL SUSSEX COUNTY HOSPITAL, BRIGHTON, UK

Clinical Fellow in Cardiac Surgery

Department of Cardiac Surgery, Director Mr Uday Trivedi
Dal 10 Dicembre 2012 al 6 Agosto 2013

ST LUKE'S HOSPITAL, MALTA

Clinical Clerkship in Cardiac Surgery

Dal 1 Agosto 2005 al 30 Agosto 2005

ATTIVITA' ASSISTENZIALE

1. AZIENDA OSPEDALIERA UNIVERSITARIA POLICLINICO "P.GIACCONE

U.O.C. Cardiochirurgia

Dal 16/05/2024 ad oggi

**DIRETTORE FACENTE FUNZIONE DELL'U.O.C. di
CARDIOCHIRURGIA dal 1/11/2025 ad oggi
DIRIGENTE MEDICO UNIVERSITARIO CON ALTA SPECIALITA' di
CARDIOCHIRURGIA MININVASIVA dal 2/04/2024 ad oggi**

Titpologia di attività:

- interventi di cardiocirurgia in qualità di I Operatore, I Aiuto ed Assistente
- gestione pre e post- operatoria del paziente cardiocirurgico
- turni di guardia e reperibilità nell'UOC di Cardiochirurgia
- attività ambulatoriale nell'UOC di Cardiochirurgia
- tutoraggio di studenti e specializzandi

2. FONDAZIONE POLICLINICO TOR VERGATA, ROMA

UOC di Cardiochirurgia

Dal 22 Marzo 2021 ad al 1/04/2024

**DIRIGENTE MEDICO UNIVERSITARIO INCARICO DI
"COLLABORAZIONE CON LA UOC DI CARDIOCHIRURGIA" in
qualità di PROFESSORE ASSOCIATO in CARDIOCHIRURGIA**

Titpologia di attività:

- interventi di cardiocirurgia in qualità di I Operatore, I Aiuto ed Assistente
- gestione pre e post- operatoria del paziente cardiocirurgico
- turni di guardia e reperibilità nell'UOC di Cardiocirurgia
- attività ambulatoriale nell'UOC di Cardiocirurgia
- ***Cardiochirurgo Responsabile del Percorso Diagnostico Terapeutico Assistenziale (PDTA) dei pazienti affetti da valvulopatie di interesse cardiocirurgico***

3. FONDAZIONE POLICLINICO TOR VERGATA, ROMA

UOC di Cardiocirurgia

Dal 15 Settembre 2017 al 18 Dicembre 2020

DIRIGENTE MEDICO UNIVERSITARIO CON INCARICO ASSISTENZIALE di NATURA PROFESSIONALE in qualità di RICERCATORE in CARDIOCHIRURGIA

Titpologia di attività:

- interventi di cardiocirurgia in qualità di I Operatore, I Aiuto ed Assistente
- gestione pre e post - operatoria del paziente cardiocirurgico
- turni di guardia e reperibilità nell'UOC di Cardiocirurgia
- attività ambulatoriale nell'UOC di Cardiocirurgia
- ***collaboratore nel "Presidio Regionale per la Sindrome di Marfan e le Patologie Rare"***

4. AZIENDA OSPEDALIERA UNIVERSITARIA "P. GIACCAONE", PALERMO

Unità Operativa di Cardiocirurgia

Dal 01 Novembre 2013 al 14 Luglio 2017

DIRIGENTE MEDICO DI I LIVELLO IN QUALITA' DI CARDIOCHIRURGO

Titpologia di attività:

- interventi di cardiocirurgia in qualità di I Operatore, I Aiuto ed Assistente
- gestione pre e post- operatoria del paziente cardiocirurgico
- turni di guardia e reperibilità nell'Unità Operativa di Cardiocirurgia
- attività ambulatoriale nell'Unità Operativa di Cardiocirurgia

5. ROYAL SUSSEX COUNTY HOSPITAL, BRIGHTON, UK

Department of Cardiac Surgery

Dal 10 Dicembre 2012 al 6 Agosto 2013

CLINICAL FELLOW in CARDIAC SURGERY

Titpologia di attività:

- interventi di cardiocirurgia in qualità di I Aiuto ed Assistente
- gestione pre e post operatoria del paziente cardiocirurgico
- turni di guardia e reperibilità nell'Unità Operativa di Cardiocirurgia
- attività ambulatoriale nell'Unità Operativa di Cardiocirurgia

6. PAPWORTH HOSPITAL NHS FOUNDATION TRUST, CAMBRIDGE, UK

Department of Thoracic and Cardiac Surgery

Dal 1 Agosto 2012 all'8 Dicembre 2012

CLINICAL FELLOW in CARDIAC AND THORACIC SURGERY

Titpologia di attività:

- interventi di cardiocirurgia in qualità di Aiuto ed Assistente
- gestione pre e post operatoria del paziente cardiocirurgico
- turni di guardia e reperibilità nell'Unità Operativa di Cardiocirurgia
- attività ambulatoriale nell'Unità Operativa di Cardiocirurgia

7. PAPWORTH HOSPITAL NHS FOUNDATION TRUST, CAMBRIDGE, UK
Department of Thoracic and Cardiac Surgery
Dal 28 Novembre 2011 al 31 Luglio 2012
CLINICAL HONORARY OBSERVER IN CARDIAC AND THORACIC SURGERY

Tipologia di attività:

- interventi di cardiocirurgia in qualità di Assistente
- gestione pre e post operatoria del paziente cardiocirurgico
- attività ambulatoriale nell'Unità Operativa di Cardiocirurgia

8. AZIENDA OSPEDALIERA UNIVERSITARIA "P. GIACCAONE", PALERMO

Unità Operativa di Cardiocirurgia

Dal 9 Aprile 2008 al 27 Novembre 2011

MEDICO IN FORMAZIONE SPECIALISTICA in CARDIOCHIRURGIA

Tipologia di attività:

- interventi di cardiocirurgia in qualità di I Aiuto ed Assistente
- gestione pre e post operatoria del paziente cardiocirurgico
- turni di guardia e reperibilità nell'Unità Operativa di Cardiocirurgia
- attività ambulatoriale nell'Unità Operativa di Cardiocirurgia

CASISTICA OPERATORIA

Interventi totali circa 2000

Tipologia di interventi:

- Bypass aortocoronarico
- Interventi su valvole cardiache
- Interventi aorta ascendente
- Altra chirurgia
- Trattamento percutaneo della valvulopatia aortica
- Trattamento endovascolare della patologia dell'aorta toracica

ATTIVITA' DIDATTICA

UNIVERSITA' DEGLI STUDI DI PALERMO

DOCENTE nel :

- ADO di Cardiocirurgia "Trattamento chirurgico delle valvulopatie e della patologia dell'aorta ascendente"
- DOTTORATO in "ONCOLOGIA E CHIRURGIA SPERIMENTALE"
- SCUOLA DI SPECIALIZZAZIONE IN CHIRURGIA GENERALE. Insegnamento: CARDIOCHIRURGIA
- SCUOLA DI SPECIALIZZAZIONE IN CARDIOCHIRURGIA. Insegnamento: CARDIOCHIRURGIA
- SCUOLA DI SPECIALIZZAZIONE IN CARDIOLOGIA. Insegnamento: CARDIOCHIRURGIA
- SCUOLA DI SPECIALIZZAZIONE IN MALATTIE DELL'APPARATO RESPIRATORIO. Insegnamento: CARDIOCHIRURGIA
- CORSO DI LAUREA IN TECNICHE DELLA FISIOPATOLOGIA CARDIOCIRCOLATORIA E PERFUSIONE CARDIOVASCOLARE

- CORSO DI FORMAZIONE MEDICI DI BASE

RELATORE DI TESI E TUTORAGGIO DI STUDENTI SPECIALIZZANDI

**PRESIDENTE E MEMBRO DELLE COMMISSIONI DI AMMISSIONE
AI DOTTORATI E AGLI ESAMI DI PROFITTO**

UNIVERSITA' DEGLI STUDI DI ROMA "TOR VERGATA"

DOCENTE nel:

- CORSO DOTTORATO INTERNAZIONALE in "MICROBIOLOGIA, IMMUNOLOGIA, MALATTIE INFETTIVE E TRAPIANTI (MIMIT)" (da Aprile 2021 al 1 Aprile 2024). Insegnamento: CARDIOCHIRURGIA
- CORSO DI LAUREA IN MEDICINA E CHIRURGIA IN LINGUA INGLESE. Insegnamento: di CARDIAC SURGERY nel corso integrato di "SYSTEMIC PATHOLOGY I" (da Aprile 2019 al 1 Aprile 2024)
- CORSO DI LAUREA IN MEDICINA E CHIRURGIA IN LINGUA INGLESE. Insegnamento: CLINICAL PRACTICE III (da Aprile 2019 al 1 Aprile 2024)
- CORSO DI LAUREA IN MEDICINA E CHIRURGIA. Insegnamento: TIROCINIO PRATICO VALUTATIVO (da Settembre 2019 al 1 Aprile 2024)
- CORSO DI LAUREA TRIENNALE IN SCIENZE INFERMIERISTICHE. Insegnamento: ANATOMIA E FISIOLOGIA CARDIACA E DEI GROSSI VASI nel corso integrato di ANATOMIA e FISIOLOGIA (da Settembre 2017 al 1 Aprile 2024)
- CORSO DI LAUREA IN TECNICHE DELLA FISIOPATOLOGIA CARDIOCIRCOLATORIA E PERFUSIONE CARDIOVASCOLARE. Insegnamento: Chirurgia Cardiaca (da settembre 2017 al 1 Aprile 2024)
- CORSO DI LAUREA IN TECNICHE DELLA FISIOPATOLOGIA CARDIOCIRCOLATORIA E PERFUSIONE CARDIOVASCOLARE. Insegnamento: Laboratori professionalizzanti dello specifico SSD MED/23 (da settembre 2017 al 1 Aprile 2024)
- SCUOLA DI SPECIALIZZAZIONE IN CARDIOCHIRURGIA (da settembre 2019 al 1 Aprile 2024)
- SCUOLA DI SPECIALIZZAZIONE IN CARDIOLOGIA (da novembre 2022 al 1 Aprile 2024)

RELATORE DI TESI E TUTORAGGIO DI STUDENTI

**PRESIDENTE a Commissioni di Tesi di Laurea nel Corso di Laurea
in Tecniche della Fisiopatologia Perfusioni Cardiovascolari**

DOCENTE in Corsi di Formazione Nazionali ed Internazionali

ATTIVITA' SCIENTIFICA E DI RICERCA

1. **PRINCIPAL
INVESTIGATOR E
CO-INVESTIGATOR IN
PROGETTI DI RICERCA**
(vedi **ALLEGATO A**)

2. **BREVETTO**

3. **PUBBLICAZIONI**
(vedi **ALLEGATO B**)

4. **PRESENTAZIONI ORALI
CONGRESSI**
(vedi **ALLEGATO C**)

5. **ABSTRACT IN ATTI DI
CONGRESSO**
(vedi **ALLEGATO D**)

6. **CHAIRMAN AND DISCUSSANT
IN CONGRESSI**
(vedi **ALLEGATO E**)

7. **REVIEWER DI RIVISTE
INTERNAZIONALI**

8. **GUEST EDITOR
IN SPECIAL ISSUE**

• **12 PROGETTI DI RICERCA**

• **TITOLO BREVETTO:** "Nuovo sistema di perfusione distale in Cardiocirurgia".
Brevetto Numero: 102018000003071

Pubblicazioni **totali 120**, distinte in:

- **Articoli** pubblicati su Riviste scientifiche Nazionali ed Internazionali (**n.98**)
- **Abstract** pubblicati su riviste scientifiche Nazionali ed Internazionali (**n. 18**)
- **Capitoli di libro** (**n.4**)

Presentazioni orali a congressi **totali 39**, distinte in:

- Presentazioni orali a congressi internazionali
- Presentazioni orali a congressi nazionali

Co-autore di abstract accettati in congressi nazionali ed internazionali (**n.28**)

Moderatore in congressi nazionali ed internazionali (**n.15**)

- European Journal of Cardio- Thoracic Surgery
- Interactive Cardiovascular and Thoracic Surgery
- Mediators of Inflammation
- Therapeutic Advances in Cardiovascular Diseases
- Scientific Report-Elsevier

• "Light on molecular mechanism on bicuspid aortic valve and its complications".
Journal of Molecular and Cellular Cardiology. November 2018

• Molecular Diagnosis and Cardiovascular Diseases
International Journal of Molecular Sciences ISSN 1422-0067

• New Frontiers in Cardiac Surgery: Biomarkers and Treatment"
Reviewers in Cardiovascular Medicine (ISSN 1530-6550) – 2021

9. EDITORIAL BOARD MEMBER DI RIVISTE INTERNAZIONALI

- Annals of Atherosclerosis Research
- Journal of Surgery and Anesthesia
- Journal of Cardiovascular and Pulmonary Medicine
- The General Surgeon Journal

10. PREMI NAZIONALI ED INTERNAZIONALI PER ATTIVITA' DI RICERCA

- **Bob Bonser Price**, SCTS/ACTA Joint Annual Meeting and Cardiothoracic Forum, March 25th-27th, Manchester UK, 2015
- **AATS Graham Foundation Award at EACTS**, 29th EACTS Annual Meeting 3-7 October, Amsterdam, Netherlands, 2015
- **The best scientific abstract price**, 76° National Scientific Meeting Of Italian Cardiology Society, 11-14 December 2015 Rome
- **"Beyond Borders"** (D.R. 1347/2019)- Premio Nazionale per la Ricerca 2020
- Premio **Bando Quality Research Outputs** Prize 2025, Dipartimento Me.Pre. C.C, Università degli Studi Palermo

MEMBERSHIP

- Membro della Società Italiana di Chirurgia Cardiaca (SICCH)
- Membro della Società Europea di Chirurgia Cardiaca (EACTS)
- Membro del Cardiothoracic Surgery Network (CTSNet)
- Membro del General Medical Council (GMC), UK
- Membro della Società italiana delle Donne in Cardiocirurgia (al DOCch)
- Membro della Società "Women in Surgery"

CORSI DI FORMAZIONE E MASTER IN CARDIOCHIRURGIA (vedi ALLEGATO F)

Partecipazione a **39** CORSI DI FORMAZIONE E MASTER

CERTIFICAZIONI

- CERTIFICAZIONE IN ECOCARDIOGRAFIA TRANSESOFAGEA-BASIC ITACTA- SICCH , 26 Giugno 2019, Reg. n. 0059/3/2018

BIOGRAFIA

La Prof.ssa Calogera Pisano ha conseguito la **laurea** in Medicina e Chirurgia presso l'Università degli Studi di Palermo nel luglio 2007.

Ha conseguito la **specializzazione** in Cardiochirurgia presso l'Università degli Studi di Palermo nell'aprile 2013.

Ha conseguito il **dottorato internazionale** in "Microbiologia, Immunologia, Malattie Infettive e dei Trapianti" presso l'Università di Roma "Tor Vergata" nel gennaio 2021.

Ha svolto la **sua attività clinica cardiocirurgica** presso l'Università degli Studi di Palermo e, in atto, presso quella di Roma Tor Vergata.

Per circa 20 mesi ha svolto anche **un training di Cardiocirurgia all'estero**, presso il Papworth Hospital NHS Foundation Cambridge (UK) e presso il Royal Sussex County Hospital Brighton (UK).

Attualmente è un **Professore Associato di Cardiocirurgia** presso l'Università degli Studi di Palermo. E' stata Professore Associato presso l'Università di Roma Tor Vergata da Marzo 2021 ad Aprile 2024 ove è stata, anche, **Direttrice della Scuola di Specializzazione in Cardiocirurgia** e **Presidente del Corso di Laurea in Tecniche della Fisiopatologia Cardiocircolatoria e Perfusionazione Cardiovascolare**.

Nell'Aprile 2021 ha conseguito l'**Abilitazione Scientifica Nazionale per la I Fascia** per il settore concorsuale 06/E1, SSD MED/ 23.

Presso le università in cui ha prestato la sua attività di docente e ricercatrice ha svolto un'intensa **attività didattica** nei Corsi di Laurea in Medicina e Chirurgia sia in Italiano che in Inglese, nei Corsi di Laurea in Fisiopatologia Cardiovascolare e Scienze Infermieristiche e in diversi Corsi di Specializzazione (Cardiocirurgia e Cardiologia). E' anche docente presso il Dottorato Internazionale "Microbiologia, Immunologia, Malattie Infettive e dei Trapianti". E' autrice di **120 pubblicazioni scientifiche**, di cui **98 articoli scientifici** pubblicati su riviste di rilevanza nazionale ed internazionale. Il più importante campo di ricerca fa riferimento agli aspetti genetici ed istopatologici dell'aneurisma dell'aorta ascendente e della dissezione aortica. Inoltre, ha condotto condotti altri studi relativi alla aortopatia associata alla valvola aortica bicuspidale e connettivopatia, alla coronaropatia e alla valvulopatia mitralica.

Ha presentato i risultati di tali ricerche in vari **congressi internazionali** delle Società di Cardiocirurgia Inglese, Europea ed Americana ed ha conseguito **4 premi di ricerca internazionali**.

E co- autrice di un **brevetto**.

Ha partecipato a **interventi cardiocirurgici** (chirurgia coronarica, chirurgia delle valvole cardiache, chirurgia dell'aorta ascendente). Di questi in **interventi** è stata primo operatore.

ALLEGATO A

PROGETTI DI RICERCA

1. **CO-PRINCIPAL INVESTIGATOR** nel progetto di ricerca dal titolo "*Identification of new biomolecular markers of disease progression for personalized clinical management of Marfan Syndrome and bicuspid aortopathy patients*". Piano Nazionale Ripresa e Resilienza- Missione M6- Componente C2. CODICE PROGETTO: PNRR-MR1-2022-12376699
2. **CO-INVESTIGATOR** nel progetto di ricerca dal titolo "*Per-fecta "Performance emodinamica e risultati nel medio termine dei pazienti sottoposti a sostituzione valvolare aortica con bioprotesi valvolare sutureless Perceval al confronto con l'impianto della protesi valvolare aortica biologica di terza generazione St. Jude Trifecta: studio monocentrico"*". Protocollo di studio: Per-fecta 2022. REGISTRO DI SPERIMENTAZIONE 107.22; Università degli Studi di Roma Tor Vergata 2022.
3. **CO-INVESTIGATOR** nel progetto di ricerca dal titolo "Stadiazione e monitoraggio del danno renale nel paziente cardio- chirurgico attraverso biomarcatori diagnostici;" REGISTRO DI SPERIMENTAZIONE 189/19; Università degli Studi di Roma Tor Vergata 2022
4. **PRINCIPAL INVESTIGATOR** nel progetto di ricerca dal titolo "Efficacia della circolazione extracorporea condotta mediante sistema di monitoraggio Goal Directed Perfusion rispetto alla circolazione extracorporea condotta in maniera tradizionale". Protocollo di Studio: 01-CEC-2019. Registro sperimentazione 160/19. Università degli Studi di ROMA Tor Vergata 2019
5. **PRINCIPAL INVESTIGATOR** nel progetto di ricerca dal titolo "La Fragilità in pazienti sottoposti ad intervento cardiocirurgico". Protocollo di studio: versione giugno 2019. Registro sperimentazione: 134/19. Università degli Studi di ROMA Tor Vergata 2019
6. **PRINCIPAL INVESTIGATOR** nel progetto di ricerca dal titolo "Patogenesi dell'aneurisma dell'aorta ascendente: confronto tra analisi fluido dinamica ed analisi istologica". Protocollo di Studio: 01-Aorta-2018. Registro sperimentazione 179/18. Università degli Studi di ROMA Tor Vergata 2018
7. **PRINCIPAL INVESTIGATOR** nel progetto di ricerca dal titolo "Valutazione pneumologica, otoneurologica e della qualità della vita dei pazienti con sindrome di Marfan." Protocollo di Studio: 01-Marfan-2018. Registro sperimentazione 176/18. Università degli Studi di ROMA Tor Vergata 2018
8. **CO-INVESTIGATOR** nello Studio MOSEC "Studio osservazionale spontaneo, multicentrico, prospettico, in pazienti sotto trattamento con enoximone, di valutazione della relazione tra somministrazione di enoximone dopo by-pass cardiopolmonare e incidenza di danno d'organo a livello renale MOSEC (Multicenter Observational Study with Enoximone in Cardiosurgery)." Protocollo di Studio REGISTRO SPERIMENTAZIONE 199/17
9. **CO-INVESTIGATOR** nel progetto di ricerca dal titolo "Aspetti genetici dell'aortopatia associata ai diversi fenotipi della valvola aortica bicuspid: tra genomica e proteomica", CE 2017-000-527-28, Verbale N° 03/2017
10. **CO-INVESTIGATOR** nel progetto di ricerca dal titolo "Impatto della perfusione distale durante arresto di circolo in ipotermia moderata associate a perfusione cerebrale anterograde in pazienti sottoposti a ricostruzione dell'arco aortico", CE 2017-000526-34, Verbale N° 03/2017
11. **CO-INVESTIGATOR** nello studio multicentrico nazionale OBSERVANT: "Observational Study of Effectiveness of AVR-TAVI procedures for severe Aortic stenosis Treatment".

ALLEGATO B

PUBBLICAZIONI SCIENTIFICHE

Articoli pubblicati su Riviste scientifiche Nazionali ed Internazionali

No	Autori	Titolo	Rivista e DOI
1.	Torre S, Asta L, Sbrigata A, Castrovinci S, Amoncelli E, Segreto A, Raffa GM, Giarratana GA, Argano V, Pisano C	<i>Valve-in-Valve Transcatheter Aortic Valve Implantation Versus Redo SAVR for Degenerated Biological Prosthesis: A Narrative Review Stating Our Experience.</i>	J Clin Med. 2025 Oct 11;14(20):7158 doi:10.3390/jcm14207158.
2.	Ricasoli A, Mignosa C, Lentini S, Asta L, Sbrigata A, Altieri C, Pisano C.	<i>Surgical Treatment of Severe Aortic Stenosis: Sutureless Versus Stented Bioprosthetic Aortic Valve Replacement.</i>	J Clin Med. 2025 Aug 21;14(16):5906. doi: 10.3390/jcm14165906.
3.	Asta L, Pisano C , Sbrigata A, Raffa GM, Scola L, Balistreri CR.	<i>Biomarkers in Heart Failure: A Review and a Wish.</i>	Int J Mol Sci. 2025 Aug 20;26(16):8046. doi: 10.3390/ijms26168046.
4.	Ferrante MS, Pisano C , Raffa GM, Scarantino A, Lachina C, Nuzzi V, Manca P, Cannata S, Scarlata M, Pilato M	<i>Trattamento chirurgico e interventistico della cardiomiopatia ipertrofica ostruttiva: stato dell'arte [Surgical and percutaneous treatment of hypertrophic obstructive cardiomyopathy: state-of-the-art review</i>	G Ital Cardiol (Rome). 2025 Aug;26(8):585-596. Italian. doi: 10.1714/4531.45334
5.	Pisano C , Asta L, Sbrigata A, Balistreri CR.	<i>A Narrative Review: Syndecans in Aortic Aneurysm Pathogenesis and Course-Biomarkers and Targets?</i>	Int J Mol Sci. 2025 Jan 30;26(3):1211. doi: 10.3390/ijms26031211.
6.	S.Di Leonardo, D. Vella, C. Pisano , V.Argano, G. Burriesci	<i>“HYDRODYNAMIC ALTERATIONS PRODUCED BY SUBAORTIC MEMBRANES: AN IN VITRO STUDY”</i>	IRBM Open Source Preview, 2025, 46(4), 100897
7.	Nardi P, Altieri C, Pisano C , Buioni D, Agneni F, Grizzi G, Dakli M, Salvati AC, Scognamiglio M, Bassano C, Ruvolo G.	<i>Perceval sutureless bioprosthesis versus Trifecta sutured bioprosthesis for aortic valve replacement: immediate results of the <i>Perfecta</i> study.</i>	Kardiochir Torakochirurgia Pol. 2024 Sep;21(3):153-161. doi: 10.5114/kitp.2024.143499.
8.	Asta L, Sbrigata A, Pisano C	<i>Sutureless Aortic Prosthesis Valves versus Transcatheter Aortic Valve Implantation in Intermediate Risk Patients with Severe Aortic Stenosis: A Literature Review.</i>	J Clin Med. 2024 Sep 20;13(18):5592. doi: 10.3390/jcm13185592

9.	Terriaca S, Scioli MG, Bertoldo F, Pisano C , Nardi P, Balistreri CR, Magro D, Belmonte B, Savino L, Ferlosio A, Orlandi A	<i>miRNA-Driven Regulation of Endothelial-to-Mesenchymal Transition Differs among Thoracic Aortic Aneurysms</i>	Cells. 2024 Jul 25;13(15):1252. doi: 10.3390/cells13151252
10.	Carella M, Magro D, Scola L, Pisano C , Guida E, Gervasi F, Giambanco C, Aronica TS, Frati G, Balistreri CR.	<i>CAR, mGPS and hs-mGPS: What is among them the best gero-biomarker for age-related diseases? And for what clinical application?</i>	Mech Ageing Dev. 2024 Aug;220:111952. doi: 10.1016/j.mad.2024.111952
11.	Ferrante MS, Pisano C, Trombetti D, Asta L, Altieri C, Nardi P, Rivolo G	<i>Pulmonary artery aneurysm: case report and experience of our center</i>	Kardiochir Torakochirurgia Pol. 2024 Mar;21(1):59-62. doi: 10.5114/kitp.2024.138584
12.	Nardi P, Pisano C , Bassano C, Bertoldo F, Buioni D, Labriola V, Salvati AC, Scognamiglio M, Altieri C, Ruvolo G.	<i>The role of the female gender on mid-term outcome after coronary artery bypass grafting: a retrospective study</i>	J Thorac Dis. 2024 Feb 29;16(2):862-874. doi: 10.21037/jtd-23-932.
13.	Terriaca S, Ferlosio A, Scioli MG, Coppa F, Bertoldo F, Pisano C , Belmonte B, Balistreri CR, Orlandi A	<i>miRNA Regulation of Cell Phenotype and Parietal Remodeling in Atherosclerotic and Non-Atherosclerotic Aortic Aneurysms: Differences and Similarities.</i>	Int J Mol Sci. 2024 Feb 24;25(5):2641. doi: 10.3390/ijms25052641.
14.	Nardi P, Altieri C, Pisano C , Oddi FM, Ranucci A, Fresilli M, Salvati AC, Buioni D, Scognamiglio M., Ajello V, Bassano C, Ascoli Marchetti A, Ippoliti A, Ruvolo G	<i>Early-Stage Carotid Artery Stenting Prior to Coronary Artery Bypass Grafting: Analysis of the Early and Mid-Term Results in Comparison with a Consecutive Cohort of Isolated Coronary Artery Surgery Patients</i>	J Clin Med. 2024 Jan; 13(2): 480. doi: 10.3390/jcm13020480
15.	Ruvolo G, Altieri C, Bassano C, Buioni D, Nardi P, Pisano C	<i>How Refined Surgical Technical Solutions Can Make Bentall Operation a Low-Risk Procedure: 20-Year Personal Experience at the “Root” of the Aortic Diseases—It Is Time to Change Surgical Guidelines</i>	J Clin Med. 2023 Dec; 12(23): 7330. doi: 10.3390/jcm12237330
16.	Ferrante MS, Pisano C , Jérôme Van Rothen, Giovanni Ruvolo, Issam Abouliatim	<i>Cerebrovascular events after cardiovascular surgery: diagnosis, management and prevention strategies</i>	Kardiochir Torakochirurgia Pol. 2023 Jun; 20(2): 118–122. doi: 10.5114/kitp.2023.130020

17.	Terriaca S, Scioli MG, Pisano C , Ruvolo G, Ferlosio A, Orlandi A	<i>miR-632 Induces DNAJB6 Inhibition Stimulating Endothelial-to-Mesenchymal Transition and Fibrosis in Marfan Syndrome Aortopathy</i>	Int J Mol Sci. 2023 Oct; 24(20): 15133. doi: 10.3390/ijms242015133
18.	Potenza M, Pisano C , Coppa P, Bovesecchi G, Corasaniti S, Barbero F	<i>Numerical simulations of temperature inside the heart tissues to evaluate the performances of cryoablative probe</i>	International Communications in Heat and Mass Transfer 146(2023) 106877 doi: https://doi.org/10.1016/j.heatmasstransfer.2023.106877
19.	Daniele Trombetti, Calogera Pisano , Maria Sabrina Ferrante, Laura Asta, Claudia Altieri, Paolo Nardi, Dario Buioni, Giovanni Ruvolo	<i>Cardiac angiosarcoma: a formidable challenge</i>	Kardiochir Torakochirurgia Pol. 2023 Mar; 20(1): 53–56. doi: 10.5114/kitp.2023.126101
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94.	Balistreri CR, Pisano C , Bianco G, Fattoch K, Caruso M, Incalcaterra E, Ruvolo G, Candore G	<i>Is the Mean Blood Leukocyte Telomere Length a Predictor for Sporadic Thoracic Aortic Aneurysm? Data of a Preliminary Study</i>	Rejuvenation Research 2012 Apr; 15(2):170-3 doi: 10.1089/rej.2011.1273

95.	Pisano C , Maresi E, Balistreri CR, Candore G, Fattouch F, Bianco G, Ruvolo G	<i>Histological and genetic study in patients with bicuspid aortic valve and ascending aorta complications</i>	Interact Cardiovasc Thorac Surg. 2012 Mar;14(3):300-6 doi: 10.1093/icvts/ivr114
96.	Pisano C , D'Amico T, Palmeri C, Franchino R, Fattouch K, Bianco G, Ruvolo G	<i>Valve prosthesis-patient mismatch: hemodynamic, echocardiographic and clinical consequences</i>	Interact Cardiovasc Thorac Surg. 2011 Dec;13(6):606-10 doi: 10.1510/icvts.2011.283218
97.	La Franca E, Caruso M, Pisano C , Fattouch K, Ruvolo G, Bertolino EC, Pieri P, Cosentino F, Cannone GS, Hoffmann E, Novo S	<i>Three-vessel disease: follow-up based on the severity disease and on the type of revascularization</i>	It. J. Practice Cardiol 2011 Jul-Dec, 3-4: 39-46
98.	Fattouch K, Sampognaro R, Navarra E, Caruso M, Pisano C , Coppola G, Speziale G, Ruvolo G	<i>Long Term Results After Repair of Type A Acute Aortic Dissection According to False Lumen Patency</i>	Ann Thorac Surg 2009 Oct; 88(4):1244-50 doi: 10.1016/j.athoracsur.2009.06.055

Abstracts pubblicati su Riviste scientifiche Nazionali ed Internazionali

No.	Autori	Titolo	Rivista
1	Vacirca SR, Nardi P, Bertoldo F, Pisano C , Ferrante S, Ymeri K, Bassano C, Scafuri A, Ruvolo G	<i>Operative and short tem results of the Bentall operation: risk factors analysis and clinical consideration</i>	Journal of Cardiovascular Medicine, Vol 19, e-Supplement 2, November 2018, e73-e74 doi: 10.2459/01.JCM.0000550075.66825.68
2	Vacirca S, Colella DF, Nardi P, Pisano C , Bertoldo F, Ciani C, Pellegrino A, Ruvolo G	<i>Is the aortic valve area an effective diagnostic parameter of severe aortic valve stenosis?</i>	Journal of Cardiovascular Medicine, Vol 19, e-Supplement 2, November 2018, e74 doi: 10.2459/01.JCM.0000550079.59202.f2
3	Nardi P, Russo M, Saitto G, Bertoldo F, Pisano C , Vacirca SR, Bovio E, Bassano C, Pellegrino A, Scafuri A, Ruvolo G	<i>Coronary endoarterectomy: an old tool for patients currently operated on CABG. Long term results, risk factors analysis</i>	Journal of Cardiovascular Medicine, Vol 19, e-Supplement 2, November 2018, e24 doi: 10.2459/01.JCM.0000549908.57897.73
4	Vacirca SR, Nardi P, Pisano C , Bertoldo F, Ciani C, Graci M, Bassano C, Scafuri A, Pellegrino A, Ruvolo G	<i>Clinical and haemodynamic performance of the third generation St Jude Trifecta aortic valve: short term follow-up analysis</i>	Journal of Cardiovascular Medicine, Vol 19, e-Supplement 2, November 2018, e17 doi: 10.2459/01.JCM.0000549889.79874.ef
5	Nardi P, Scafuri A, , Bertoldo F, Pisano C , Bernardini A, Bassano C, Pellegrino A, Ruvolo G	<i>Does type of cardioplegia affect the incidence of post-operative paroximal of atrial fibrillation in patients undergoing cardiac surgery?</i>	Journal of Cardiovascular Medicine, Vol 19, e-Supplement 2, November 2018, e40 doi: 10.2459/01.JCM.0000549963.53540.b9
6	Saitto G, Nardi P, Bertoldo F, Pisano C , Russo M, Scafuri A, Bassano C, Pellegrino A, Ruvolo G	<i>The treatment of ischemic mitral regurgitation with use of incomplete C ring annuloplasty:long term results</i>	Journal of Cardiovascular Medicine, Vol 19, e-Supplement 2, November 2018, e70 doi: 10.2459/01.JCM.0000550067.42169.e4
7	Saitto G, Pisano C , Nardi P, Greci M, Ferrante S, Bertoldo F, Pellegrino A, Scafuri A, Bassano C, Ruvolo G	<i>Primary mitral valve regurgitation: a retrospective analysis of mitral valve surgery and long term follow-up</i>	Journal of Cardiovascular Medicine, Vol 19, e-Supplement 2, November 2018, e37 doi: 10.2459/01.JCM.0000549951.47595.14
8	Bertoldo F, Pisano C , Nardi P, Donzelli C, Laganà G, Salehi B, Sangiulo FC, Bollero F, De Maio F, Mancino R, Chiocchi M, De Stefano A, Cozza P, Ruvolo G, Novelli G	<i>Role of specialized centre and teamwork in the diagnosis pf Marfan Syndrome and prevention of acute aortic dissection</i>	Journal of Cardiovascular Medicine, Vol 19, e-Supplement 2, November 2018, e47 doi: 10.2459/01.JCM.0000549994.534.32.00

9	Pisano C , Bertoldo F, Russo M, Marabese A, Nardi P, Pellegrino A, Scafuri A, Bassano C, Ruvolo G	<i>Prognostic effect of estimated glomerular filtration rate in patients undergoing cardiac surgery</i>	Journal of Cardiovascular Medicine, Vol 19, e-Supplement 2, November 2018, e47 doi: 10.2459/01.JCM.0000549989.22938.e3
10	Pisano C , Balistreri CR, Triolo OF, Merlo D, Argano V, Palmeri C, Ruvolo G	<i>Red Cell Distribution Width predicts mortality and morbidity after aortic valve replacement</i>	Interactive Cardiovascular and Thoracic Surgery, Volume 19, Supplement 1, October 2014, ISSN 1569-9293 doi: 10.1093/icvts/ivu276.185
11	Pisano C , Balistreri CR, Delisi T, Ocello S, Filippone G, Buono D, Di Blasi U, Guarneri MC, Triolo OF, Argano V, Palmeri C, Ruvolo G	<i>Role of Matrix Metalloproteinases in Complications of Thoracic Aorta Aneurysm</i>	Cardiology 2014; 128:106-194. doi: 10.1159/000362180
12	Pisano C. , Balistreri C.R., Merlo D., Vacirca S., Vite G., Delisi T., Ocello S., Triolo O. F., Argano V., Palmeri C., Ruvolo G	<i>Can the aortic wall communicate with us?</i>	JACC Interventions, Volume 7, n.2 (Supplement S), February 2014 ISSN: 1936-8798 doi: 10.1016/j.jcin.2014.01.144
13	Pisano C. , Balistreri C.R., Franchino R., Borsellino S., Merlo D., Triolo O.F., Tulumello E., Filippone G., Damiani F., Palmeri C, Ruvolo G.	<i>Is the sporadic thoracic aneurysm the result of an inflammatory process?</i>	JACC Interventions, Volume 7, n.2 (Supplement S), February 2014 doi: 10.1016/j.jcin.2014.01.144
14	Balistreri CR, Candire G, Pisano C , Vaccarino L, Scola L, Colonna Romano G, Maresi E, Ruvolo G, Caruso C, Lio D	<i>Pathophysiological implications of inflammation and genetic inflammatory factors in hypertensive and old patients affected by sporadic thoracic aortic aneurysm</i>	The American Journal of Pathology , Elsevier Health Sciences, September 12-15, 2012. ISSN:0002-9440
15	Scola L, Vaccarino L, Balistreri CR, Pisano C , Palmeri M, BovaM, Di Maggio F, Candore G, Colonna Romano G, Caruso C, Lio D, Ruvolo G	<i>TGF-beta pathway polymorphisms are markers for gender differential susceptibility to sporadic thoracic aortic aneurysm</i>	The American Journal of Pathology , Elsevier Health Sciences, September 12-15, 2012. ISSN:0002-9440

16	Balistreri CR, Pisano C , Martorana A, Bulati M, Buffa S, Candore G, Colonna Romano G, Ruvolo G, Lio D, Caruso C	<i>Vascular Aging effect on medial aorta degeneration: focus on blood leukocyte telomere lenght in Hypertensive and old patients with sporadic thoracic aortic aneurysm</i>	The American Journal of Pathology , Elsevier Health Sciences, September 12-15, 2012. ISSN:0002-9440
17	K. Fattouch, E. Navarra, G. Spatola, M. Caruso, C. Pisano , R. Sampognaro, G. Ruvolo.	<i>Role of the inducibile nitric oxide synthase in inflammatory pathogenesis of the ascending aortic aneurysm</i>	Giornale italiano di Cardiologia- volume 8- supplemento 1 al n. 12- Dicembre 2007 ISSN: 1827-8981
18	Khalil Fattouch, Emiliano Navarra,Roberta Sampognaro, Marco Caruso, Gaetano Panzarella, Calogera Pisano , Egle Corrao, Giovanni Ruvolo	<i>Improvement in myocardial function and haemodynamic performance with administration of C1 inhibitor in patients with STEMI undergone revascularization"</i>	Giornale italiano di Cardiologia- volume 8- supplemento 1 al n. 12- Dicembre 2007 ISSN: 1827-8981

Capitoli di libro

No.	Autori	Titolo	Rivista
1	Ruvolo G, Pisano C	<i>Eicosanoids and Aneurysm.</i>	Eicosanoids, Inflammation and Chronic Inflammatory Disease. BIOCHEMISTRY AND MOLECULAR BIOLOGY IN THE POST GENOMIC ERA, In: Balistreri Carmela Rita. A cura di Nova Science Publisher, Inc., p. 91-96, ISBN: 978-1-63482-799-7
2	Ruvolo G, Pisano C	<i>Aspetti istomorfologici e genetici degli aneurismi</i>	Ematoma intramurale dell'aorta: attuali orientamenti eziopatogenetici, Clinici e terapeutici in G. Filippone, V. Argano. Edizione Minerva medica. ISBN: 978-88-7711-9285
3	Polisano D, Pisano C , Ruvolo G	<i>Attività fisica allenante nella disabilità cardiologica</i>	La medicina fisica e riabilitativa in C. Foti, SA Cassarino, G Cannata, M Monticone. Collana Editoriale Mefiria, Medicina Fisica e Riabilitativa, Universitalia ISSN:8832936003
4	Nardi P, Pisano C , Bertoldo F, Scafuri A, Bassano C, Buioni D, Altieri C, Colella DF, Ruvolo G.	<i>Mitral Valve Surgery by Means of Minimally Invasive Righ Mini-Thoracotomy Compared with Standard Sternotomy: Technical Surgical Aspects, Clinical Results in teh Current Era</i>	Advanced in Medicine and Biology. Nova Medicine and Helth.Nova Science Publishers. Leon V. Berhardt Editor. ISBN: 978-1-53617-849-4 ISSN: 2157-5398

ALLEGATO C

PRESENTAZIONI ORALI A CONGRESSI NAZIONALI ED INTERNAZIONALI

No.	Autori	Titolo	Luogo e Data
1	Pisano C. Argano V.	<i>Estrazione dei dispositivi cardiaci impiantabili per via micro-invasiva</i>	LXVII Sezione Regionale Sicialiana SIC, Aula Ascoli, 28-29 Novembre 2025 Palermo
2	Pisano C.	<i>Epidemiology of actual endocarditis: incidence, infective profile and clinical presentation</i>	Focus on Complex Cardiac Surgery Future Club Event Giovedì, 23 Gennaio 2025 Starhotels Anderson Piazza Luigi di Savoia, Milano
3	Pisano C.	<i>Transcatheter aortic valve in valve implantation in severe bioprosthetic aortic valve dysfunction after bioprosthetic Bentall operation: The Valve to coronary Problem</i>	XXXII SICCH, 13-15 Dicembre 2024 Roma, LifeStyle Hotel
4	Pisano C.	<i>Trials e studi multicentrici di confronto tra diverse tipologie di trattamento della Stenosi Valvolare Aortica</i>	Progetto TAVI al Policlinico di Palermo: i primi 100 casi, 4-5 Ottobre 2024 Marina Convention Center
5	Pisano C, Ruvolo G	<i>Specific Micro-RNA expression in different phenotypes of ascending aorta aneurysms associated with bicuspid aortic valve: new markers of medial tunica degeneration severity</i>	Aortic Symposium Workshop, 13 May, Sheraton Boston, Boston, 2022
6	Pisano C, Ruvolo G	<i>Red Cell Distribution Width And Leukocyte Telomere Length As Predictor Of Ascending Aorta Aneurysm Diagnosis And Prognosis</i>	XXX SICCH Meeting, Rome, 16-18 December 2021
7	Pisano C, Ruvolo G	<i>Identification of a biological network as potential useful tool for monitoring, preventing and developing personalized treatments for sporadic thoracic aneurysm"</i>	International Scientific Conference for PHD course in "Microbiology, Immunology, Infectious Diseases, Transplantation and Associated Diseases 2 (MIMIT), 16-17 December, Tor Vergata University, Rome, 2019
8	Pisano C, Laganà G, Venza Nicolò, Bassano C, Bertoldo F, Donzelli C, Nardi P, Cozza P, Ruvolo G	<i>Palatal morphology, obstructive sleep apnea and aortic root and arch dilatation in Marfan Syndrome growing subjects</i>	Congenital Heart Campus, 22-26 May 2019, Ortigia-Siracusa, 2019

9	Pisano C , Scafuri A, Bertoldo F, Nardi P, Altieri C, Farinaccio A, Ajello V, Colella DF, Ruvolo G	<i>Video- Assisted Minimally Invasive Mitral Surgery Through Right Minithoracotomy using Endoclamp Technology</i>	AATS Mitral Conclave, 2-3 May New York 2019
10	Pisano C , Scafuri A, Bertoldo F, Nardi P, Ruvolo G	<i>Primary mitral valve regurgitation : a retrospective analysis and long term results</i>	AATS Mitral Conclave, 2-3 May New York 2019
11	Pisano C , Bertoldo F, Nardi P, Donzelli C, Laganà G, Salehi B, Sangiulo FC, Bollero F, De Maio F, Mancino R, Chiocchi M, De Stefano A, Cozza P, Ruvolo G, Novelli G	<i>Role of specialized centre and teamwork in the diagnosis pf Marfan Syndrome and prevention of acute aortic dissection</i>	XXIX SICCH MEETING, SICCH meets SICCH, 23-25 November 2018, Rome
12	Pisano C , Bertoldo F, Russo M, Marabese A, Nardi P, Pellegrino A, Scafuri A, Bassano C, Ruvolo G	<i>Prognostic effect of estimated glomerular filtration rate in patients undergoing cardiac surgery</i>	XXIX SICCH MEETING, SICCH meets SICCH, 23-25 November 2018, Rome
13	Pisano C	<i>Ematoma intramurale dell'aorta toracica quando intervenire</i>	PLACE (Platform of laboratories for advances in cardiac experience), November 22-24, Rome , 2017
14	C. Pisano , L. Asta, V. Mangerini, S. Territo, OF. Triolo, A. Ricasoli, V. Argano	<i>Preserving aortic root function in David reimplantation technique</i>	31th EACTS Annual Meeting, November 7-11, Vienna (Austria), 2017
15	Pisano C , Balistreri CR, Allegra A, Argano V	<i>New Prognostic Maekers in Patients After Mitral Valve Replacement: Rolo of Metalloproteinases</i>	AATS Mitral Conclave 2017, April 27-28, New York Hilton Midtown, USA
16	Pisano C , Calia C, Triolo O, Argano V	<i>Intraoperative 3D transesophageal echocardiography for surgical repair of degenerative mitral valve regurgitation</i>	AATS Mitral Conclave 2017, April 27-28, New York Hilton Midtown, USA
17	Pisano C , Ricasoli A, Agano V, Re MR, Balistreri CR, Ruvolo G	<i>Sporadic Ascending Aneurysm: It is the diameter of ascending aorta a good criteria for surgical indication?</i>	7th International Congress Aortic and Peripheral Surgery “How to do it” , Milan, December 15th-17th 2016

18	Pisano C , Ricasoli A, Filippone G, Tulumello E, Moscaritolo V, Argano V	<i>Surgical Management of Descending Aorta Penetrating Atherosclerotic Ulcer and Ascending Intramural Hematoma</i>	7th International Congress Aortic and Peripheral Surgery “How to do it” , Milan, December 15th-17th 2016
19	Pisano C , Triolo OF, Totaro P, Argano V	<i>Advantages of minimal access versus conventional aortic valve replacement in elderly or obese patients</i>	28th SICCH Annual Meeting, Rome, 25-27 November 2016
20	Calia C, Pisano C , Triolo OF. Argano V	<i>Role of intraoperative 3D TEE in surgical repair of degenerative mitral valve regurgitation</i>	28th SICCH Annual Meeting, Rome, 25-27 November 2016
21	Pisano C , Totaro P., Triolo O.F., Palmeri C., Argano V	<i>Advantages of minimal access versus conventional aortic valve replacement in elderly or severely obese patients</i>	30th EACTS Annual Meeting, 1-5 October, Barcelona, Spain, 2016
22	Pisano C , Balistreri C.R., Allegra A, Argano V., Ruvolo G	<i>Role of bone marrow mesenchymal stem cell in the stabilization of elastase-induced ascending aortic aneurysm in a rat model.</i>	29th EACTS Annual Meeting, 3-7 October, Amsterdam, Netherlands, 2015
23	Pisano C , Balistreri CR, Palmeri C., Argano V., Ruvolo G	<i>Is the Penn classification a valid method to predict in-hospital mortality and outcomes after surgery in acute type A aortic dissection patients?</i>	SCTS/ACTA Joint Annual Meeting and Cardiothoracic Forum, March 25th-27th, Manchester UK, 2015
24	Pisano C , Balistreri CR, Palmeri C., Argano V., Ruvolo G	<i>Sporadic Ascending Aortic Aneurysm: Is it the Diameter of Ascending Aorta a Good Criteria for Surgical Indication?</i>	SCTS/ACTA Joint Annual Meeting and Cardiothoracic Forum, March 25th-27th, Manchester UK, 2015
25	Pisano C , Balistreri CR, Merlo D, Franchino R, Filippone G, Ocello S, Triolo OF, Argano V, Palmeri C, Ruvolo G	<i>Polymorphisms of endothelial nitric oxide gene as strong risk factors of sporadic ascending aorta aneurysm</i>	27th National Congress Rome, November 28th-30th, 2014
26	Pisano C , Balistreri CR, Vacirca SR, Borsellino S, Delisi T, Tulumello E, Triolo OF, Argano V, Palmeri C, Ruvolo G	<i>Role of Polymorphisms of angiotensin converting enzyme gene in thoracic ascending aneurysm</i>	27th National Congress Rome, November 28th-30th, 2014

27	Pisano C, Balistreri CR, Triolo OF, Merlo D, Argano V, Palmeri C, Ruvolo G	<i>Red Cell Distribution Width predicts mortality and morbidity after aortic valve replacement</i>	28th EACTS Annual Meeting, Milan, Italy, October 11-15, 2014
28	Pisano C, Balistreri CR, Triolo OF, Merlo D, Argano V, Palmeri C, Ruvolo G	<i>Sporadic Ascending Aortic Aneurysm: Is it the Diameter of Ascending Aorta a Good Criterion for Surgical Indication?</i>	Western Thoracic Surgical Association , 40th Annual Meeting, The ST. Regis Monarch Beach, Dana Point, California, June 25-28, 2014
29	Pisano C, Balistreri CR, Delisi T, Ocello S, Filippone G, Buono D, Di Blasi U, Guarneri MC, Triolo OF, Argano V, Palmeri C, Ruvolo G	<i>Role of Matrix Metalloproteinases in Complications of Thoracic Aorta Aneurysm</i>	Valve in the Heart of the Big Apple VIII: Evolution and Management of Valvular Heart Diseases 2014. New York City, May 8-10, 2014
30	Pisano C., Balistreri C. R., Merlo D., Palmeri C., Triolo O.F., Ruvolo G	<i>Role of Polymorphisms of Angiotensin Converting Enzyme Gene in Thoracic Ascending Aneurysm</i>	SCTS 2014 Annual Meeting and Cardiothoracic Forum, 10th-12th March 2014, Edinburgh, UK
31	Pisano C., Balistreri C.R., Merlo D., Palmeri C., Triolo O.F., Ruvolo G	<i>Characterisation of the Mechanisms Involved in Thoracic Aortic Aneurysm Formation in Bicuspid Aortic Valve Patients versus Tricuspid Aortic Valve: Clinical Implications of a Pilot Study</i>	SCTS 2014 Annual Meeting and Cardiothoracic Forum, 10th-12th March 2014, Edinburgh, UK
32	Pisano C., Balistreri C.R., Merlo D., Vacirca S., Vite G., Delisi T, Ocello S, Triolo O. F., Argano V, Palmeri C, Ruvolo G	<i>Can the aortic wall communicate with us?</i>	CTR 2014 Annual Meeting, 22-25 February 2014, Washington DC
33	Pisano C., Balistreri C.R., Franchino R., Borsellino S., Merlo D., Triolo O.F., Tulumello E., Filippone G., Damiani F., Palmeri C., Ruvolo G.	<i>Is the sporadic thoracic aneurysm the result of an inflammatory process?</i>	CTR 2014 Annual Meeting, 22-25 February 2014, Washington DC

34	Balistreri C.R., Candore G., Pisano C. , Maresi E., Ruvolo G	<i>Pathophysiological implications of Inflammation and Genetic Inflammatory Factors in hypertensive and old patients affected by thoracic Aortic Aneurysm</i>	SCTS 2013 Annual Meeting and Cardiothoracic Forum, 17th-19th March 2013, Brighton, UK
35	Pisano C. , Maresi E., Balistreri C.R., Candore G., Mulla Z., Ruvolo G.	<i>Could the prophylactic replacement of the aortic root reduce the risk of dissection in patient with ascending aorta aneurysm?</i>	SCTS 2013 Annual Meeting and Cardiothoracic Forum, 17th-19th March 2013, Brighton, UK
36	Pisano C. , Maresi E., Balistreri C.R., Candore G., Mulla Z., Ruvolo G	<i>Can the aortic wall communicate with us?</i>	SCTS 2013 Annual Meeting and Cardiothoracic Forum, 17th-19th March 2013, Brighton, UK
37	Pisano C. , Maresi E., Balistreri CR, Candore G, Fattouch F, Bianco G, Ruvolo G	<i>Histological and genetic study in patients with bicuspid aortic valve and ascending aorta complications</i>	International Symposium On Biochemistry & Biophysics, 24th-25th October 2012, Canada
38	Pisano C. , Maresi E, Merlo D, Balistreri CR, Candore G, Bianco G, Codispoti M, Ruvolo G	<i>A particular phenotype of ascending aorta aneurysm as precursor of type A Dissection</i>	Aortic Symposium 2012, 26th-27th April, Sheraton Hotel & Towers, New York City, USA
39	Pisano C. , Fattouch K, Sampognaro R, Porcasi R, Maresi E, Ruvolo G	<i>Polimorfismi morfofunzionali degli aneurismi degenerative non aterosclerotici della aorta ascendente: Studio anatomo-clinico su espanti chirurgici</i>	XIX Riunione Scientifica del Gruppo di Studio Italiano di Patologia Cardiovascolare (GSIPC), Palermo 6-7 giugno 2008

ALLEGATO D

ABSTRACTS IN ATTI DI CONGRESSO

No.	Autori	Titolo	Congressi
1	Nardi P, Pisano C , Buioni D, Salvati AC, Trombetti D, Latini E., Viscogliesi C, Labriola V, Agneni F, Bonavita F, Matticari A Altieri C, Ruvolo G	<i>Aortic valve replacement with Perceval sutureless size S valve compared with the implantation of St. Jude Trifecta size 19-21 (the Per-fecta Study): early hemodynamic performance and results</i>	XXXI Congresso Nazionale della Società Italiana di Chirurgia Cardiaca, 10-12 Novembre, Roma 2022
2	Nardi P, Pisano C , Trombetti D, Latini E., Viscogliesi C, Labriola V, Bertoldo F, Buioni D, Salvati AC, Bassano C, Altieri C, Ruvolo G	<i>Bentall operation: 7-year outcome and risk factors analysis</i>	XXXI Congresso Nazionale della Società Italiana di Chirurgia Cardiaca, 10-12 Novembre, Roma 2022
3	Nardi P, Pisano C , Latini E, Viscogliesi C, Agneni F, Labriola V, Bassano C, Bertoldo F, Salvati AC, Buioni D, Altieri C, Ruvolo G	<i>The outcomes of mitral valve replacement and repair: Current clinical experience, technical aspects, and risk factors analysis</i>	XXXI Congresso Nazionale della Società Italiana di Chirurgia Cardiaca, 10-12 Novembre, Roma 2022
4	Nardi P, Asta L, Trombetti D, Pisano C , Bertoldo F, Buioni D, Salvati AC, Scognamiglio M, Bassano C, Bonavita F, Matticari A, Altieri C, Ruvolo G	<i>Mid-term outcome in patients undergoing primary CABG incomparision with PCI prior to CABG</i>	XXXI Congresso Nazionale della Società Italiana di Chirurgia Cardiaca, 10-12 Novembre, Roma 2022
5	Nardi P, Pisano C , Palopoli TS. Bonarrigo S, Olia S, Bassano C, Bertoldo F, Buioni D, Salvati AC, Altieri C, RuvoloG	<i>Warm blood and cold crystalloid cardioplegia for myocardial protection in patients undergoing coronary artery surgery</i>	XXXI Congresso Nazionale della Società Italiana di Chirurgia Cardiaca, 10-12 Novembre, Roma 2022
6	Nardi P, Pisano C , Ruvolo G et al	<i>St. Jude Trifecta Aortic Valve: Midterm Results In 214 Patients From A Single Center.</i>	XXX Congresso Nazionale della Società Italiana di Chirurgia Cardiaca, 16-18 Dicembre, Roma 2021
7	Nardi P, Pisano C , Ruvolo G et al	<i>The effects of the extent of acute aortic dissection and the preoperative peripheral and myocardial malperfusion on the short-term outcome after aortic surgical repair.</i>	XXX Congresso Nazionale della Società Italiana di Chirurgia Cardiaca, 16-18 Dicembre, Roma 2021
8	Farinaccio A, Ajello V, Pisano C , Prati P, Scafuri A, Ruvolo G, Colella DF	<i>Safety in management of minimally invasive valve surgery using a intra aortic occlusion device: a single centre experience</i>	AATS Mitral Conclave, 2-3 May, New York, 2019
9	Totaro P, Pisano C , Triolo OF, Argano V	<i>Rare but real: Takotsubo Syndrome early after mitral valve surgery</i>	AATS Mitral Conclave 2017, April 27-28, New York Hilton Midtown, USA

10	Triolo OF, Pisano C , Argano V, Lo Voi A, Novo G, Novo S	<i>Approccio non invasivo per lo studio della malattia coronarica con Tomografia Computerizzata Multistrato in soggetti asintomatici ad alto rischio</i>	77th SIC Annual Meeting, Rome, 16-19 December 2016
11	Triolo OF, Pisano C , Calia C, Lo Voi A, Novo G, Novo S, Argano V	<i>Role of intraoperative 3-D Transoesophageal Echocardiography in surgical repair of degenerative mitral valve regurgitation</i>	77th SIC Annual Meeting, Rome, 16-19 December 2016
12	Triolo OF, Lo Voi A, Pisano C , Novo G, Novo S, Argano V	<i>Un caso di dispnea severa</i>	77th SIC Annual Meeting, Rome, 16-19 December 2016
13	Balistreri CR, C. Pisano , D. Merlo, C. Palmeri, O.F. Triolo, G. Ruvolo	<i>Characterisation of the Mechanisms Involved in Thoracic Aortic Aneurysm Formation in Bicuspid Aortic Valve Patients versus Tricuspid Aortic Valve: Clinical Implications of a Pilot Study</i>	Annual Meeting – Cardiothoracic Forum. 10-12 March, 2014, Edinburgh, UK
14	Balistreri CR, Pisano C , Candore, Ruvolo G	<i>Vascular ageing and medical aorta degeneration: focus on blood leukocytes telomere length in hypertensive and old patients with sporadic thoracic aortic aneurysm</i>	SCTS 2013 Annual Meeting and Cardiothoracic Forum, 17th-19th March 2013, Brighton Centre, UK
15	Balistreri CR, Candore G, Pisano C , Maresi E, Ruvolo G	<i>Pathophysiological implications of inflammation and genetic inflammatory factors in hypertensive old patients affected by thoracic aortic aneurysm.</i>	SCTS 2013 Annual Meeting and Cardiothoracic Forum, 17th-19th March 2013, Brighton Centre, UK
16	C.R. Balistreri, C. Pisano , G. Candore, G. Ruvolo	<i>Vascular ageing and medial aorta degeneration: focus on blood leukocyte telomere length in hypertensive and old patients with sporadic thoracic aortic aneurysm.</i>	SCTS 2013 Annual Meeting and Cardiothoracic Forum, 17th-19th March 2013, Brighton Centre, UK
17	E. Pistella, C. Pisano , C. Santini on behalf of GIS-INCARD	<i>Sternal wound infection after cardiac surgery: result of a national study</i>	XVII° congresso nazionale della Federazione delle Associazioni dei Dirigenti Ospedalieri Internisti (FODAI), Rimini 5-8 maggio 2012
18	Balistreri CR, Candore G, Pisano C , Vaccarino L, Scola L, Colonna-Romano G, Maresi E, Ruvolo G, Caruso C, Lio D.	<i>Patho-physiological implications of inflammation and genetic inflammatory factors in hypertensive and old patients affected by sporadic thoracic aortic aneurysm</i>	1st Joint Meeting of Pathology and Laboratory Diagnostics 2012, 12-15 settembre, 2012, Udine
19	Balistreri CR, Pisano C , Martorana A, Bulati M, Buffa S, Candore G, Colonna-Romano G, Ruvolo G, Lio D, Caruso	<i>Vascular ageing effect on medial aorta degeneration: focus on blood leukocyte telomere length in hypertensive and old patients with sporadic thoracic aortic aneurysm</i>	1st Joint Meeting of Pathology and Laboratory Diagnostics 2012, 12-15 settembre, 2012, Udine
20	Scola L, Vaccarino L, Balistreri CR, Pisano C , Palmeri M, Bova M, Di Maggio F, Candore G, Colonna-Romano G, Caruso C, Lio D, Ruvolo G.	<i>Role of TGF-β pathway polymorphisms in sporadic thoracic aortic aneurysm: rs900 TGF-β2 is a marker of differential gender susceptibility</i>	1st Joint Meeting of Pathology and Laboratory Diagnostics 2012, 12-15 settembre, 2012, Udine

21	C. Pisano , E. Maresi, D. Merlo, C. Balistreri, G. Candore, C. Palmeri, M. Codispoti, G. Ruvolo	<i>A Particular Phenotype Of Ascending Aorta Aneurysms as Precursor of Type A Dissection</i>	Aortic Symposium 2012, April 26-27, New York 2012
22	Balistreri CR, Caruso C, Pisano C , Bianco G, Fattouch K, Caruso M, Maresi E, Ruvolo G, Candore G	<i>Can the blood leukocyte telomere length predict sporadic thoracic aortic aneurysm?</i>	Fifth Conference SENS Cambridge 31st August - 4th September, 2011
23	C. Santini, E. Pistella, L. Scudeller on behalf of GIS-INCARD (M. Serra, A. Pan, L. Signorini, P. Manca, M. Braccio, N. Barzaghi, G. Gattuso, A. Eusebio, M. Botta, F. Vaglio, C. Tucci, R. Utili, M. De Feo, M. Cotrufo, C. Pisano , G. Ruvolo, S. Pasquino, F. Miraldi, P. Baiocchi, G.D. Di Nucci †, R. Sinatra, E. Caporali, E. Covino, N. Luciani, G.P. Luzi, F. Musumeci, N. Petrosillo, S. Leonardi Cattolica, M.P. Tocco, F. Cesari, E. Zamparini, P.L. Viale, P. Grossi)	<i>Surgical wound infections after median sternotomy: clinical and microbiological analysis of 126 cases</i>	ICAAC, Chicago 2011, 17-20 Settembre
24	Balistreri CR, Candore G, Pisano C , Scola L, Fattouch K, Bianco G, Maresi E, Caruso M, Novo S, Ruvolo G	<i>Thoracic aortic aneurysm and association of candidate genes their pathophysiological implications</i>	7th European congress of Biogerontology October 14th -17th, 2010, Palermo, Italy.
25	Pisano C , D'Amico T, Salardino M, Gaeta G, Bianco G, Fattouch K, Ruvolo G	<i>Emodynamic results and impact of valve prosthesis- patient mismatch on left ventricular mass regression following aortic valve replacement with 17-mm and 19-mm St. Jude Medical Regent Prothesis.</i>	XXV Congresso Nazionale della Società Italiana di Chirurgia Cardiaca, 6-9 Novembre, Roma 2010
26	La Rocca M, Cammarata M, Puleo S, La Varvera F, Pisano C , Ruvolo G, Ruvolo G	<i>The emotional experience in cardiac surgery patient: can the heart effect the emotions or can emotions support the heart?</i>	XXV Congresso Nazionale della Società Italiana di Chirurgia Cardiaca, 6-9 Novembre, Roma 2010
27	Pisano C , Fattouch K, Bianco G, D'Amico T, Salardino M, Maresi E, Ruvolo G.	<i>A particular Type of ascending aorta aneurysm associated with bicuspid aortic valve</i>	XXV Congresso Nazionale della Società Italiana di Chirurgia Cardiaca, 6-9 Novembre, Roma 2010
28	K. Fattouch, E. Maresi, C. Pisano , R. Porcasi, E. Navarra, P. Dioguardi, Roberta Sampognaro, G. Ruvolo.	<i>Morfo-functional polymorphisms of ascending aortic aneurysms: evidence of high risk phenotype</i>	Aortic Symposium XI, May 8-9, New York 2008

ALLEGATO E

CHAIRMAN e DISSCUSSUNT IN CONGRESSI NAZIONALI ED INTERNAZIONALI

1. "XI APPROCCIO Multidisciplinare alle patologie cardiovascolari: Novità sulle ultime linee guida valvolari", Centro Congressi Villa Airoidi, 3 Dicembre 2025 Palermo
Moderatore della sessione: *"Novità nell'approccio alle patologie valvolari introdotte dalle nuove linee guida ESC/EACTS 2025"*
2. "CONGRESSO REGIONALE ANMCO SICILIA 2025", Trapani, 28-30 Ottobre 2025
Moderatore della sessione: *"Controversia TAVI vs SAVR oggi: cosa è cambiato"*
3. "LXVII Congresso Sezione Regionale Siciliana SIC", 28-29 Novembre 2025, Aula Ascoli Palermo
Moderatore della sessione: *"Simposio II sulla Mitrale e sulla Tricuspidè"*
4. "ARCH ACCADEMY SUD ITALIA", The Nicolaus Hotel, Bari 20-21 Ottobre 2025
Moderatore delle sessioni: *"Frozen e trattamento chirurgico"* e *"Trattamento delle dissezioni acute di tipo I con AMDS"*
5. "CONGRESSO NAZIONALE DEL CONGRESSO FEDERATIVO DI CARDIOLOGIA", Marina Convention Center Palermo, 26-27 Settembre 2025
Discussant della sessione: *"Il ruolo della Cardiochirurgia e della Cardiologia interventistica"*
6. "ICA e SEPSI: COME RICONOSCERLE, COME PREVENIRLE e COME CURARLE", 23 Giugno 2025 Aula Ascoli, PALERMO
Moderatore della sessione: *"Come trattarle dalla teoria alla pratica"*
7. "HEART to HEART: Conversation in Cardiac Surgery", 28 maggio 2025
Moderatore nella sessione: *"Aortic valve repair: The ringmaster's guide to external and internal rings"*
8. "XI Congresso Sici GISE", 5-6 Giugno 2025, Marina Convention center di Palermo
Discussant nella sessione: *"La valutazione in Heart Team della Stenosi Aortica"*
9. "PILLOLE DI INFETTIVOLOGIA: La presepsina e altri marcatori di sepsi" 11 Giugno 2025
Moderatore della sessione: *"Le infezioni da Device Cardiaco"*
10. "LIFETIME MANAGEMENT OF HEART DISEASES", Roma 27-28 Marzo 2025, Villa Mondragone
Moderatore della sessione: *"Life time management of Mitral Valve Disease"*
11. "INTERNATIONAL SCHOOL OF CARDIAC SURGERY", 10th Course: TEACHING, LEARNING, DOING, Erice- Sicily, 10-13 Maggio 2025. Moderatore nella sessione: *"Cardiac Surgery and gender equity"*
12. "CONGRESSO REGIONALE ANMCO SICILIA 2024"- CATANIA 26-28 Marzo 2024, Sheraton Catania Hotel and Conference Center. Moderatore della Sessione: *"TAVOLA ROTONDA: update sulle valvulopatie"*
13. "CEDA 2024 ANNUAL CONGRESS OF THE CENTRAL EUROPE DIABETES ASSOCIATION", PALERMO 6-8 Giugno 2024, NH Hotel. Moderatore della Sessione: *"DIABETES AND LIPIDS"*
14. "CARDIO ACTO 2024", PALERMO 17-18 Ottobre 2024, Marina Convention Center
Moderatore della Sessione: *"Valvulopatie e prevenzione del rischio cardio embolico"*
15. "32° CONGRESSO NAZIONALE DELLA SOCIETÀ ITALIANA DI CARDIOCHIRURGIA", 13-15 Dicembre Roma, LIFE STYLE HOTEL. Moderatore della Sessione. *"TAVI and SAVR"*

ALLEGATO F

CORSI DI FORMAZIONE E MASTER IN CARDIOCHIRURGIA

- 1) THE HEART OF THE MATTER: the patient's journey with Perceval, 20-21 November 2025, Hotel Versilia, Lido di Camaiore
- 2) "BOLOGNA HEART SURGERY: FOCUS ON HEART FAILURE", 11-12 Settembre 2025 Bologna
- 3) "CASE OBSERVATION AT MEDICLIN, HERZZENTRUM LAHR, GERMANY", Edwards, 22-23 Settembre 2025
- 4) "39th EACTS Annual Meeting, Bella Center, Copenhagen, DENMARK, 8-11 October 2025
- 5) "FUNDAMENTAL TAVI FOR CARDIAC SURGEONS", Tolochenaz, Switzerland on 25-26 March 2025
- 6) "MIND THE AORTA: Pioneering the Future: conforming aortic surgery to the gold standard", 13-14 February 2025, Wesrin Excelsior Hotel, Rome
- 7) "AMDS Accademy Sicilia-Sardegna-Calabria", Artivion, 22 Febbraio 2024, Grand Hotel Wagner, Palermo
- 8) "3° HAART Accademy Italia: la riparazione della valvola aortica con il dispositivo HAART", LeviBio, 11-12 Marzo 2024, Turin Palace Hotel di Torino
- 9) "Master Class Endoscopic Approach", Corcym, 8-10 Aprile 2024, Azienda ULSS 8 Berica, Ospedale San Bartolo, Vicenza
- 10) "EDWARDS INTUITY Elite Accademy 2024", Roma 14 Maggio 2024
- 11) "LONDON PCR", 24-26 November 2024
- 12) "38th EACTS Annual meeting" Lisbona (Portugal), 9-12 Ottobre 2024
- 13) "IN HEARTBEAT: PERCEVAL IN PROCEDURE MULTIVALVOLARI", 26-27 Settembre 2024, Azienda Ospedaliera Careggi- Firenze
- 14) "Aortic Focus: Zooming in on Advanced Treatment Options", Corcym, 25-26 Maggio 2023, Grand Hotel Oriente , Napoli
- 15) Corso di formazione dal titolo "Multidisciplinary Approach to Mitral and Tricuspid Valves" Edwards; 22-23 Settembre 2022, Roma
- 16) Corso di formazione dal titolo " Flussimetro Intraoperatorio Transonic in Cardiochirurgia", Livanova, 14 Settembre 2022, Roma
- 17) Master in "Intermediate mitral valve therapy", Edwards; 21-23 Ottobre 2019, Leiden University Medical Center, The Netherlands
- 18) Corso di formazione dal titolo "Talk on Perceval", Livanova, 15 Maggio 2019, Roma
- 19) "Master of Valve Therapy, Fundamentals of Valve Repair", Edwards, 25-27 Febbraio 2019, Nizza-Francia
- 20) Corso di formazione dal titolo "Insufficienza mitralica primaria", 29 Settembre 2018, Verona

- 21) Corso di formazione dal titolo "Pilot A1C Focus Group MIMVR", Edwards, 27 Novembre 2018, Vicenza
- 22) Edwards Lifesciences Cardiac Fellow Program, 2-4 November 2017, Irvine CA (USA)
- 23) 3D WET-LAB di formazione in cardiocirurgia, Tecniche Mininvasive Videoassistite 3D, 29 Novembre 2017, Roma
- 24) Techno-College on "Catheter based Valve Applications", 1 Ottobre 2016, 30th EACTS Annual Meeting, Barcelona
- 25) Corso Training Center Bolton Medical, 10- 11 Dicembre 2015, Milano
- 26) Techno-College dal titolo "Transcatheter aortic valve implantation, Aortic surgery, mitral valve, ablation, imaging and heart failure", 1 Ottobre 2014, 28th EACTS Annual Meeting, Milano, Italia
- 27) Postgraduate Course dal titolo "Coronary-Better decision better outcome; Aortic valve repair- Replacement early surgery better outcome; Mitral valve repair- Replacement- better surgery better outcome", 12 Ottobre 2014, 28th EACTS Annual Meeting, Milano , Italia
- 28) Techno-College on "Innovative valve therapies; Perfusion strategies and options: state of the art for a near future; Innovation in cardiac surgery:perspectives for the next decade" 27th National Congress, SICCH 2014, Rome
- 29) Corso di formazione dal titolo "Fundamental of valve repair" 3-5 Giugno 2013, London, UK
- 30) Corso di formazione dal titolo "Advanced Life Support Course"19 Febbraio 2012, Papworth Hospital NHS, Cambridge UK
- 31) Corso di formazione dal titolo "Cardiac Advanced Life Support Course" 19 Maggio 2012, Papworth Hospital NHS, Cambridge UK
- 32) Corso di formazione dal titolo " Focused update on the management of tricuspid valve disease", 28-29 Ottobre 2011, Palermo, Corso Tutoriale SICCH
- 33) Corso di formazione dal titolo "Cardiothoracic ITU Study Day" 9 Dicembre 2011, Papworth Hospital NHS,CambridgeUK
- 34) Corso di formazione dal titolo "Corretto uso della NIHSS Stroke Scale", 1 Ottobre 2009, Dipartimento Scienze Neurologiche, Università "La Sapienza", Roma
- 35) Corso di formazione dal titolo " Trattamento del sanguinamento in Cardiocirurgia", 6 Febbraio 2009, Napoli, Corso Tutoriale SICCH, Prof. Roberto Lorusso
- 36) Corso di formazione dal titolo "2nd International Cardiac Surgery Workshop: Insufficienza mitralica ischemica", 9 Settembre 2009, Unità Operativa Di Cardiocirurgia, Università degli Studi di Palermo, Prof. Giovanni Ruvolo
- 37) Corso di formazione dal titolo "Myocardial revascularization: the present state of the art", 16 Giugno 2008, Ospedale Ferrarotto, Catania, Prof. Antonino Calafiore
- 38) Corso di formazione dal titolo "1th Cardiosurgical workshop: Valvola aortica e root aortico: struttura anatomica o funzionale", 20 Ottobre 2007, Unità Operativa di Cardiocirurgia Università degli Studi di Palermo, Prof. Giovanni Ruvolo

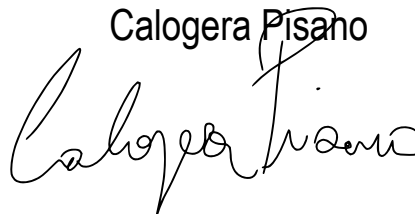
- 39) Corrsso di formazione dal titolo "Cardiochirurgia pediatrica: lezione teorico-pratica" 11-12 Aprile 2005, Unità Operativa Cardiochirurgia Pediatrica, Ospedale Civico Benfratelli, G. Di Cristina e Maurizio Ascoli, Palermo, Prof. Carlo Marcelletti

**“Tutto quello dichiarato in questo Curriculum Vitae
corrisponde a verità”
ai sensi degli articoli 46 e 47 del D.P.R. del 2000**

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all’art. 13 del D.Lgs. 196/2003 e all’art. 13 del Regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali.

Palermo 19/04/2026

Firma
Calogera Pisano

A handwritten signature in black ink, appearing to read 'Calogera Pisano', written over the printed name.

CURRICULUM VITAE

Updated on July 17th, 2026



Personal informations

Name Surname	VLADIMIRO L. VIDA
E-mail	<u>vladimiro.vida@unipd.it</u>
Citizenship	Italian
DOB	07.04.1973
Gender	Male

Education

- **July 1998:** Degree in Medicine (110/110)
- **September-November 1998:** "Visitor" at the "Cardiac Registry", Department of Pathological Anatomy, "Children's Hospital Boston, Harvard Medical School"
- **January 2004-December 2005:** "Senior Fellow" at the Cardiovascular Surgery Unit of Guatemala - "Aldo Castañeda Foundation", Guatemala (Prof. Aldo R. Castaneda)
- **December 2004:** Postgraduate Diploma in Cardiac Surgery, University of Padua (70/70 cum laude)
- **January 2006-March 2007:** "Senior Fellow" in Pediatric Cardiac Surgery and "Chief Resident" at the Department of Cardiovascular Surgery of the "Children's Hospital Boston - Harvard Medical School"
- **2007-2009:** PhD in Cardiovascular Sciences (PhD), University of Padua
- **2011:** Master in Pediatric Cardiology (2nd level) University of Padua.
- **2012:** Master in Cardiovascular Pathology (2nd level), University of Padua.
- **2014:** Master in Vascular Medicine (2nd level), University of Padua
- **2021:** Master in Health Management

Professional life

- **December 2007 – August 2017:** Staff Congenital Cardiac Surgeon - Pediatric Heart Surgery and Congenital Cardiac Surgery, University of Padua, Italy
- **September 2017- August 2019:** Associate Professor in Cardiac Surgery, University of Padua
- **October 2019-present:** Full Professor in Cardiac Surgery, University of Padua
- **October 2019-present:** Director of the Pediatric and Congenital Cardiac Surgery Unit, University of Padua
- **February 2022-September 2025:** Director of the residentship program in Cardiac Surgery, University of Padua

Areas of interest | **Pediatric and Congenital Cardiac Surgery**

- 1) development of new techniques of correction of tetralogy of Fallot: the preservation of the pulmonary valve during early correction
- 2) development of new minimally invasive techniques for surgical correction of congenital heart disease
- 3) development of new combined / hybrid approaches for the correction of congenital heart disease
- 4) scimitar syndrome
- 5) "multicenter research" networks
- 6) treatment of adult patients with congenital heart disease

Cinical activity | At present I have performed over 3000 cardiac surgery operations in pediatric and adult patients with congenital heart disease as first operator and I have participated as an assistant operator in over 4000 cardiac surgery procedures.

Scientific Activity

(July 2000 – March 2026)

Published paper on National / International Journals (with ISSN and indexed on SCOPUS and /or WOS: **247**

Other:

- MONOGRAPHS (as EDITOR) with ISBN= **8**
- CHAPTERS IN SCIENTIFIC BOOKS with ISBN= **25**
- INVITED LECTURES= **88**

**SCIENTIFIC RESPONSIBILITY
FOR INTERNATIONAL AND
NATIONAL RESEARCH
PROJECTS ADMITTED TO
FINANCING ON THE BASIS OF
BANDS THAT PROVIDE FOR
PAR AMENDING**

- **Co-Principal investigator** in the international Project ESPOIR: European Clinical Study for the application of regenerative heart valves (funding from the European Union (FP7/2007-2013 under grant agreement n.278453) (<http://arise-clinicaltrial.eu/about-espoir0/partner0/unipd-italy.html>))
- **Co-Principal Investigator** in the international Project ARISE: European Clinical Study for the application of regenerative heart valves (funding from the European Union (Horizon 2020 research and innovation programme, Grant Agreement Number 643597) <http://www.espoir-clinicaltrial.eu/about-espoir/partner/aop-italy.html>)
- **Proeject** "INNOVATIVE STRATEGIES FOR TEACHING CONGENITAL HEART DEFECTS: THE 3D IMAGE BANK AND 3D HEART MODEL"- University of Padua (**D.R. Rep. N. 454 - Prot. N. 35547 - 06/02/2018**)
- **BIRD195895/19 project (University of Padua)**: The adaptation of the pulmonary root to systemic pressure: aminal models
- **Bando 'Shaping a World-class University** - Anno 2021, Ed 2'-
Tipologia di progetto Virtual Summer & Winter Schools / Blended and face-to-face Summer & Winter Schools
- **Bando 'Shaping a World-class University** - Anno 2022, Ed 2'-
Tipologia di progetto Virtual Summer & Winter Schools / Blended and face-to-face Summer & Winter Schools
- **BIRD195895/22 project (University of Padua)**: Structural modulation of the aortic vasculart wass in a model of reinforced Ross operation in rats.

EDITORIAL ACTIVITY

1. **EDITOR-IN-CHIEF** of Congenital Heart Disease (12/6/2020-presente)
2. Advisory Editorial Board of Pediatric Cardiology (1/1/2008-presente)
3. Associate Editor of Frontiers in Pediatrics" – Cardiology speciality - OPEN ACCESS (1/1/2012-present)
4. Review Editorial Board of "FRONTEERS - Heart Surgery section" – OPEN ACCESS (23/06/2014-present)
5. Editorial Board of "BioMed Research International" – Pediatric subject area (IF: 2.13)(11/03/2013-feb 2022) - OPEN ACCESS
6. Editorial Board" of "ADVANCES IN MEDICINE " - Cardiology subject area - OPEN ACCESS (dal 01/06/2013 al 28/05/2017)

"AD HOC REVIEWER" for:

- Minerva chirurgica
- Annals of Thoracic surgery
- Expert Review of Cardiovascular Therapy
- Journal of Heart Valve Disease
- Pediatrics
- Cardiology in the Young
- World Journal of Pediatric Cardiac Surgery
- Journal of Cardiovascular Medicine
- Springer plus – open journal

PATENTS and INNOVATIONS

- 1) Congenital heARts (application for smartphones and tablets)
<https://play.google.com/store/apps/details?id=it.unipd.cardiologyar&hl=it&gl=US>
<https://apps.apple.com/it/app/congenital-hearts/id1559501825>
- 2) TrainHeart Congenital Simulator. Deposit n. BI939E/EMM/esa

**INSTITUTIONAL,
MANAGEMENT,
ORGANIZATIONAL
AND SERVICE
ACTIVITIES AT
UNIVERSITIES
AND RESEARCH
BODIES**

- 1) SCIENTIFIC ORGANIZER of the course “NIRS in pediatric cardiac surgery”. 2013
- 2) SCIENTIFIC ORGANIZER of the XXXVII Course of Pediatric Cardiology – University of Padua 2018
- 3) ORGANIZER of the SCIENTIFIC MEETING: “Simulation in congenital cardiac surgery – 2016. University of Padua
- 4) DIRECTOR of the MASTER in “Patient safety in clinical practice” 2017-2018 University of Padua
- 5) BOARD MEMBER of ECHSA (European Congenital Heart Surgeons Association)(2018-present)
- 6) MEMBRE of the DATABASE COMMITTEE of ECHSA (European Congenital Heart Surgeons Association)(2018-present)
- 7) MEMBER of the RESEARCH COMMITTEE of ECHSA (European Congenital Heart Surgeons Association)(2018-present)
- 8) DIRECTOR of the MASTER in “Patient safety in clinical practice” 2018-2019 University of Padua
- 9) DIRECTOR of the MASTER in “Clinical Risk Management” 2019-2020 University of Padua
- 10) ORGANIZER of the SCIENTIFIC MEETING: Innovation in congenital cardiology and cardiac surgery”. Padova 28/6/2019 – University of Padua
- 11) COURSE DIRECTOR . Congenital Disease. 3D models of aortic coarctation. SICCH 2021, Roma
- 12) RESEARCH COMMITTEE - ECHSA (European Congenital Heart Surgeons Association)(July 2018-2023)
- 13) BOARD MEMBER of WSPCHS (World Society for Pediatric and Congenital Heart Surgery)(2019-2023)
- 14) CHAIR of the CONGENITAL DOMAIN of the SICCH (Italian Society for Cardiac Surgery)(November 2022-present)
- 15) DIRECTOR of the training program in CARDIAC SURGERY – University of Padua (February 2022-September 2025)
- 16) PRESIDENT of ECHSA (European Congenital Heart Surgeons Association)(May 2023-May 2025)
- 17) CHAIR of the EACTS (European Association for Cardio-thoracic Surgery) CONGENITAL DOMAIN (May 2025-present)

Spoken languages

1. Italian
2. English
3. Spanish

Signature | **VLADIMIRO VIDA**

A handwritten signature in black ink, appearing to read 'V. Vida', is positioned to the right of a vertical line that separates it from the printed name 'VLADIMIRO VIDA'.

Cristina Francesca Barbero

20/01/1982, Pinerolo (TO)

Corso Re Umberto 147 - 10134 - Torino (TO).

cristina.barbero@unito.it

339-1313732

Curriculum Vitæ

- Diploma di laurea in medicina e chirurgia c/o l'Università di Torino conseguito nel luglio 2008 con tesi dal titolo "Minimally invasive mitral valve surgery: mid term results" (110/110 cum laude).
- Scuola di specializzazione in cardiocirurgia (Prof. M. Rinaldi) c/o Università di Torino da giugno 2014 a giugno 2014. Diploma di specializzazione in cardiocirurgia con tesi dal titolo "Minimally invasive mitral valve surgery: influence of perfusion and aortic clamping techniques on early outcomes" (100/100 lode, dignità di stampa).
- Dottorato di ricerca c/o l'Università di Torino su tecnologie applicate alle scienze chirurgiche da gennaio 2014 a dicembre 2016. Tesi dal titolo "Minimally invasive cardiac surgery: current standards and future perspectives".
- Surgical fellowship su trapianto cuore e polmone e MCS al Papworth Hospital NHS, Cambridge – UK da ottobre 2014 a novembre 2015.
- Dal 15 febbraio 2017 dirigente medico specialista in cardiocirurgia c/o Città della Salute e della Scienza di Torino.

Interventi chirurgici negli ultimi 5 anni:

- 585 interventi di chirurgia cardiaca maggiore di cui 233 interventi come primo chirurgo.

Interventi chirurgici eseguiti come primo operatore:

- 66 intervento di sostituzione valvolare aortica
- 8 interventi di sostituzione dell'aorta toracica ascendente
- 17 interventi di sostituzione dell'aorta toracica ascendente e emi-arco per dissezione.
- 24 interventi di bypass aorto-coronarico
- 64 interventi di riparazione valvolare mitralica con approccio mini-invasivo
- 45 interventi di sostituzione valvolare mitralica con approccio mini-invasivo
- 4 interventi di chirurgia valvolare tricupidalica con approccio mini-invasivo
- 5 interventi di chiusura del setto interatriale con approccio mini-invasivo

- 47 interventi di chirurgia cardiaca minore come primo chirurgo di cui 21 interventi di posizionamento ECMO.

Pubblicazioni su riviste scientifiche.

1. Sansone F, **Barbero C**, Rinaldi M. Occlusion of both caval veins by an endovascular occluder. *Heart lung & circulation*. 2012;21:275-277.
2. **Barbero C**, Salizzoni S, Centofanti P, Molino F, Campisi P, Giorgi M, Rinaldi M. Right sided heart mass reveals hepatocellular carcinoma. *Heart lung & circulation*. 2012;21:817-818.
3. Salizzoni S, La Torre M, **Barbero C**, Marra WG, Moretti C, D'Amico M, Rinaldi M. Transjugular Tricuspid Valve-in-Valve Implantation. *Heart lung & circulation*. 2013;22:1036-1039.
4. Ricci D, **Barbero C**, Boffini M, El qarra S, Ivaldi F, Deorsola L, Pace C, Rinaldi M. Port-access redo mitral valve surgery in a 13-year-old child. *Journal of thoracic and cardiovascular surgery*. 2013;146:33-35.
5. Cotogni P, Pittiruti M, **Barbero C**, Monge T, Palmo A, Boggio Bertinet D. Catheter-related complications in cancer patients on home parenteral nutrition: a prospective study of over 51,000 catheter days. *Journal of parenteral and enteral nutrition*. 2013;37:375-383.
6. Cotogni P, Passera R, **Barbero C**, Gariboldi A, Moscato D, Izzo G, Rinaldi M. Intraoperative vancomycin pharmacokinetics in cardiac surgery with or without cardiopulmonary bypass. *The annals of pharmacotherapy*. 2013;47:455-463.
7. Boffini M, Ricci D, **Barbero C**, Bonato R, Ribezzo M, Mancuso E, Attisani M, Simonato E, Magistrini P, Mansouri M, Solidoro P, Baldi S, Pasero D, Amoroso A, Rinaldi M. Ex vivo lung perfusion increases the pool of lung grafts: analysis of its potential and real impact on a lung transplant program. *Transplantation proceedings*. 2013;45:2624-2626.
8. Salizzoni S, **Barbero C**, Grosso Marra W, Moretti C, Rinaldi M. Transapical Implantation of an Edwards SAPIEN XT in a Degenerated Mitral Bioprosthesis without Fluoroscopic Landmarks. *Journal of cardiovascular surgery*. 2014;29:625-627.
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