INFORMAZIONI PROFESSIONALI



Marco Moscarelli, M.D. (IT), Ph.D, M.Res. (NHLI, UK)

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POSIZIONE CORRENTE

- Cardiochirurgo, Maria Eleonora Hospital, GVM Care&Research, Palermo, Italia, Viale Regione Siciliana Nord 1571, Palermo.
- Lecturer at Imperial College London, UK, Hammersmith Hospital, Du Cane Road, W12 0HS

PROFILO PROFESSIONALE

Cardiochirurgo e ricercatore scientifico senior presso GVM Care & Research, Maria Eleonora Hospital, Palermo. Honorary Lecturer presso il Department of Surgery & Cancer, Faculty of Medicine, Imperial College London. Ha conseguito la Laurea in Medicina e Chirurgia e la Specializzazione in Cardiochirurgia presso l'Università degli Studi di Roma "Tor Vergata", completando successivamente un MD(Res) presso Imperial College London e un PhD presso Maastricht University.

La sua attività clinica e scientifica si concentra sulla cardiochirurgia adulta, sulle procedure TAVI e ibride, sulla chirurgia valvolare mininvasiva, sull'imaging avanzato, sulla medicina traslazionale e sulla sintesi dell'evidenza scientifica.

Ha coordinato progetti multicentrici nazionali e internazionali, incluso il progetto europeo EndoTAVI, e ha pubblicato oltre 160 articoli su riviste scientifiche internazionali peer-reviewed. È membro dell'Editorial Board dello *European Journal of Cardio-Thoracic Surgery* (ruolo di Editore) svolge attività di consulenza statistica e revisione scientifica in ambito cardiovascolare.

QUALIFICAZIONI

Laurea Medicina e Chirurgia, Università degli Studi di Roma Tor Vergata	2001
Specializzazione in Cardiochirurgia, Università degli Studi di Roma Tor Vergata	2006

DEGREES

1. PhD, Università Maastrich, Olanda	2023	Tesi: 'Advancement in minimally invasive valvular surgery'
2. MDres (Medical Doctor, Research) Imperial College, London, NHLI	2018	Tesi: A multi-centre randomized controlled trial investigating the effect of remote ischaemic preconditioning (RIPC) on blood and myocardial biomarkers of stress and injury-related signalling in patients having isolated coronary artery bypass grafting (CABG) or aortic valve replacement (AVR) using cardiopulmonary bypass (CPB)

MEMBERSHIP

Ordine Medici di Roma	OMCEO	M52268
General Medical Council	GMC	6161556

RUOLI EDITORIALI

Editor: European Journal of Cardio-Thoracic Surgery (EJCTS)	2025-up till now	https://academic.oup.com/ejcts
Editorial Board: European Journal of Cardio-Thoracic Surgery	2021-2023	
Statistical reviewer: European Journal of Cardio-Thoracic Surgery	2023-2025	
Associate Editor: Interdisciplinary CardioVascular and Thoracic Surgery	2025-up till now	https://academic.oup.com/icvts
Associate editor: Journal of Cardiac Surgery (JOCS)	2019-2022	
Reviewer: International Journal of Cardiology (IJC), The Annals of Thoracic Surgery (ATS), Journal of Thoracic and Cardiovascular Surgery (JTCVS)		

ATTIVITA' ACCADEMICA, SCIENTIFICA E LINEE DI RICERCA

- Ricerca traslazionale su 'ischemic remote preconditioning', biomarcatori di danno miocardico e funzione endoteliale.
- Studio di outcome cardiochirurgici e qualità di vita, con particolare attenzione a fragilità, accessi mini-invasivi e recupero postoperatorio.
- Evidenza clinica e metodologia: meta-analisi, individual patient data meta-analysis, analisi di sopravvivenza, disegni di trial clinici e modelli decisionali.

- TAVI e imaging avanzato: studio di HALT/SLT, trombosi valvolare e perivalvolare, adattamento del frame protesico, eccentricità, commissural alignment e analisi mediante MDCT/3D Slicer.
- Machine learning e intelligenza artificiale applicati alla ricerca cardiovascolare, alla stratificazione del rischio e all'analisi di imaging multiparametrico.
- Circuiti di circolazione extracorporea miniaturizzati
- Sviluppo di dispositivi cardiovascolari innovativi e tecnologie per procedure transcatetere.

GRANTS – PROGETTI FINANZIATI

Principal Investigator del progetto "The Effect of Surgical Versus Transcatheter Aortic Valve Replacement on Endothelial Function" / EndoTAVI, finanziato con fondi europei PO FESR Sicilia, importo assegnato €2.900.000	2022-2025
Finalità del Progetto:	Valutazione di marcatori macro- e microvascolari di disfunzione endoteliale dopo sostituzione valvolare aortica chirurgica o transcatetere, in collaborazione con University of Palermo e GVM Care & Research.

TRIAL CLINICI, REGISTRI E COLLABORAZIONI

	Registration number:
ERICCA trial: local investigator presso Imperial College London/Hammersmith Hospital.	NCT01247545
RIPC trial BHF, Hammersmith Hospital, NHLI, Imperial College – University of Bristol	ISRCTN33084113
MINI-SEVO trial: studio su sevoflurano continuo vs propofol nella chirurgia mitralica mini-invasiva.	NCT02551328
PROCIDA trial: Principal Investigator del trial su anuloplastica tricuspidale profilattica durante chirurgia mitralica.	NCT03129737
COMICS trial: local investigator nello studio sui circuiti di circolazione extracorporea convenzionali vs miniaturizzati.	ISRCTN92590475
ROMA trial: local investigator nello studio sul confronto tra graft arterioso singolo e multiplo.	NCT03217006
HORSE registry: collaborazione multicentrica su anatomia aortica orizzontale e TAVI con protesi autoespandibili.	
Collaborazioni internazionali con: Imperial College London, University of Bristol, Cornell University,	

Ohio State University, Georgia Institute of Technology/Emory University.

ATTIVITA' DIDATTICA E TUTORAGGIO

- Supervisione di Senior House Officers presso Imperial College London/Hammersmith Hospital durante il periodo 2010-2015.
- Lezioni e attività didattica su cardiochirurgia, metodologia della ricerca e biostatistica.
- Fondazione e organizzazione di Master in biostatistica e metodologia della ricerca basato sul linguaggio R, in collaborazione con l'Università di Bari (StarBis).
- Co-fondatore della Mitral Academy e organizzatore di corsi, wet lab e congressi in chirurgia mitralica mini-invasiva.
- Tutoraggio di studenti e specializzandi in cardiologia, radiodiagnostica e discipline cardiovascolari, con tesi focalizzate su TAVI, imaging TC e trombosi subclinica.

COMPETENZE CLINICHE E CHIRURGICHE PRINCIPALI

- Chirurgia cardiaca dell'adulto: bypass aorto-coronarico, OPCAB, rivascolarizzazione arteriosa totale, chirurgia valvolare aortica e mitralica, chirurgia della dissezione aortica acuta.
- Chirurgia mini-invasiva: sostituzione valvolare aortica mediante mini-sternotomia e chirurgia mitralica mini-invasiva.
- Reinterventi complessi: redo mitral, redo tricuspid e redo aortic valve surgery.
- Procedure transcatetere: TAVI transfemorale, trans-succlavia/trans-ascellare ed ECMO-assisted in casi selezionati.
- Programmi ibridi: ablazione chirurgica della fibrillazione atriale e collaborazione cardiochirurgia-elettrofisiologia.
- Training clinico di giovani chirurghi e cardiologi in cardiochirurgia, TAVI e procedure mini-invasive.

ATTIVITA' OPERATORIA

Anno	CABG	AVR isolata	AVR + procedure associate	Mitrale isolata	Mitrale + procedure associate	Aorta ascendente/root	Altro	Dissezione aortica	Totale cardiochirurgico	TAVI/TAVR
2016	51	15	10	12	8	7	4	10	117	—
2017	60	20	14	14	10	9	5	12	144	—
2018	74	25	20	18	12	10	5	15	179	—
2019	67	22	18	16	10	11	6	15	165	—
2020	61	18	15	12	8	9	5	14	142	—
2021	64	21	17	14	10	11	5	10	152	—
2022	61	20	16	13	10	10	4	10	144	
2023	59	19	17	13	10	9	6	10	143	56
2024	54	20	16	13	9	10	5	9	136	72
2025	72	15	12	8	2	11	3	4	127	86

COMPETENZE STATISTICHE, METODOLOGICHE E DIGITALI

- R/RStudio per analisi statistiche, meta-analisi, modelli di sopravvivenza, visualizzazione dei dati e analisi riproducibili.

- Meta-analisi pairwise, network/pooled analyses, individual patient data meta-analysis e ricostruzione di dati time-to-event da curve Kaplan-Meier.
- Machine learning applicato alla ricerca clinica: regressione penalizzata, Random Forest, XGBoost, interpretabilità del modello e analisi SHAP/ALE.
- Analisi di imaging cardiovascolare avanzato mediante MDCT, 3D Slicer e workflow di segmentazione/ricostruzione tridimensionale.
- Disegno di studi clinici, analisi di trial, registri multicentrici, valutazione di endpoint clinici e metodologia evidence-based.

CERTIFICAZIONI – PROCTORING

- Certificazioni e training TAVI su piattaforme transcatetere, inclusi training Abbott Portico/Navitor/FlexNav e certificazione Medtronic Evolut Platform Solo Implanter.
- Attività di proctoring e formazione tecnico-clinica in ambito TAVI.

INNOVAZIONE - BREVETTI

i) Inventore del dispositivo percutaneo MiTBiTe per la correzione transcatetere dell'insufficienza mitralica/tricuspidalica mediante accesso venoso femorale e approccio trans-atriale; Patent International Application Number: PCTB2019/05987.	www.mitbite.com
ii) Fondatore di LetLeaf, startup MedTech dedicata allo sviluppo di tecnologie cardiovascolari innovative	www.letleft.com
iii) Sviluppo di simulatori low-fidelity per training in chirurgia mitralica mini-invasiva	https://mmcts.org/author/1268
iv) Sviluppo di tecnica alternativa per sostituzione aorta ascendente	https://mmcts.org/tutorial/1650

MONOGRAFIE

Moscarelli M. *Biostatistics With 'R': A Guide for Medical Doctors.* 1st ed. Cham: Springer; 2023. DOI: https://doi.org/10.1007/978-3-031-33073-5; eBook ISBN: 978-3-031-33073-5. Hardcover ISBN: 978-3-031-33072-8. Softcover ISBN: 978-3-031-33075-9. Published: 14 August 2023 eBook; 15 August 2023 hardcover; 17 August 2024 softcover. XVI + 241 pages.

PUBBLICAZIONI (SCOPUS)

Moscarelli, M., Skeffington, K. L., Fudulu, D., Punjabi, P., Emanueli, C., Fiorentino, F., . . . Angelini, G. D. (2026). Left and right myocardial ventricular energetics during cardioplegic ischemic arrest and reperfusion in patients undergoing cardiac surgery. Journal of Molecular and Cellular Cardiology, 213, 84-92. doi:10.1016/j.yjmcc.2026.02.006

Moscarelli, M., Lancellotti, P., Athanasiou, T., Casula, R., Pernice, V., Zaccone, G., . . . Fattouch, K. (2026). Surgical Versus Transcatheter Aortic Valve Replacement in Patients Aged >60 Years With Bicuspid Valve Stenosis: A Time-to-Event Data Meta-Analysis.. Journal of the American Heart Association, 15(6), e046556D. doi:10.1161/jaha.125.046556

Moscarelli, M., Athanasiou, T., Casula, R., Trung, M. L. N., Hélène, P., Cecile, O., . . . Lancellotti, P. (2026). Early post-TAVI thrombocytopenia recovery and subsequent subclinical leaflet thrombosis. European Heart Journal Open, 6(1). doi:10.1093/ehjopen/oeag011

Moscarelli, M., Pollari, F., Franzese, I., & Barili, F. (2025). Reply to Matsubara. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 67(12), 1 page. doi:10.1093/ejcts/ezaf395

Moscarelli, M., Athanasiou, T., Casula, R., Pernice, V., Zaccone, G., Zlahoda-Huzior, A., . . . Fattouch, K. (2025). Predicting subclinical leaflet thrombosis in self-expandable prosthesis: A multimodal machine learning analysis. Jtcvs Structural and Endovascular, 8. doi:10.1016/j.xjse.2025.100064

Pollari, F., Nardi, P., Mikus, E., Ferraro, F., Gemelli, M., Franzese, I., . . . Nenna, A. (2025). Utility of GERAADA Score for Predicting Long-term Survival Following Surgical Repair of Aortic Dissection. Interdisciplinary Cardiovascular and Thoracic Surgery, 40(9). doi:10.1093/icvts/ivaf160

Lancellotti, P., Coisne, A., Cosyns, B., Dulgheru, R., Garbi, M., Hong, G. R., . . . Pibarot, P. (2025). Early aortic valve intervention in asymptomatic severe aortic stenosis: a clinical dilemma in evolution. European Heart Journal Open, 5(5). doi:10.1093/ehjopen/oeaf114

Cuomo, M., Moscarelli, M., Pollari, F., Dewald, O., Oppido, G., Barili, F., . . . Cesnjevar, R. A. (2025). Primary repair of common arterial trunk: A systematic meta-analysis of short- and long-term outcomes. Jtcvs Open, 26, 182-195. doi:10.1016/j.xjon.2025.05.012

Moscarelli, M., & Fattouch, K. (2025). The Importance of Being Bicuspid. ANNALS OF THORACIC SURGERY, 120(2), 419-420. doi:10.1016/j.athoracsur.2025.02.017

Fudulu, D. P., Dimagli, A., Moscarelli, M., Kota, R., Dong, T., Gemelli, M., . . . Angelini, G. D. (2025). Characterisation of Ventricular Nucleotide Metabolism and Clinical Predictors Associated with the Onset of Atrial Fibrillation Following Cardiac Surgery. Journal of Clinical Medicine, 14(13). doi:10.3390/JCM14134777

Moscarelli, M., Pollari, F., Franzese, I., & Barili, F. (2025). Assisted artificial intelligence in medical writing: a primer for humans. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 67(6), 5 pages. doi:10.1093/ejcts/ezaf167

Angelini, G. D., Reeves, B. C., Culliford, L. A., Maishman, R., Rogers, C. A., Anastasiadis, K., . . . Dennis, S. (2024). Conventional versus minimally invasive extra-corporeal circulation in patients undergoing cardiac surgery: A randomized controlled trial (COMICS). PERFUSION-UK, 12 pages. doi:10.1177/02676591241258054

Moscarelli, M., Venkatesh, A., Berland, K., Yeats, B., Becker, T., Zaccone, G., . . . Fattouch, K. (2025). Post-implant transcatheter aortic prosthesis deformation: tricuspid versus bicuspid valve. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 67(1), 9 pages. doi:10.1093/ejcts/ezae451

Moscarelli, M., Zaccone, G., Zlahoda-Huzior, A., Pernice, V., Milo, S., Violante, F., . . . Fattouch, K. (2024). Valvular and perivalvular thrombosis following self-expandable aortic valve replacement: analysis of 100 multi-detector computed tomography scans. EUROPEAN HEART JOURNAL OPEN, 4(5), 13 pages. doi:10.1093/ehjopen/oeae085

Moscarelli, M., Zlahoda-Huzior, A., Pernice, V., Speziale, G., & Fattouch, K. (2024). Three-dimensional analysis of subclinical leaflet thrombosis following transcatheter aortic valve replacement. EUROPEAN HEART JOURNAL-CARDIOVASCULAR IMAGING, 1 page. doi:10.1093/ehjci/jeae051

Moscarelli, M., Pernice, V., Sollami, G., Speziale, G., & Fattouch, K. (2024). Ubiquitary Presence of Hypoattenuated Lesions Following Transcatheter Aortic Valve Replacement. JACC-CARDIOVASCULAR INTERVENTIONS, 17(5), 709-710. doi:10.1016/j.jcin.2024.01.280

Moscarelli, M., Sollami, G., Lentini, E., Prestera, R., Pernice, V., Milo, S., . . . Fattouch, K. (2024). About different localization of hypoattenuated lesions following transcatheter aortic valve replacement. International Journal of Cardiology, 398. doi:10.1016/j.ijcard.2023.131597

Moscarelli, M., Prestera, R., Fiore, C., Pernice, V., Milo, S., Violante, F., . . . Fattouch, K. (2024). Evaluation of the anatomic sinus after transcatheter aortic valve replacement. International Journal of Cardiology, 396. doi:10.1016/j.ijcard.2023.131551

Vite, G., Guccione, F., Moscarelli, M., Sampognaro, R., Salardino, M., Bacarella, D., . . . Fattouch, K. (2024). Sub-annular procedures for secondary mitral valve regurgitation.. doi:10.22541/au.170666028.80982438/v1

Moscarelli, M., Sollami, G., Violante, F., Cuffari, F., Di Pasquale, C., Speziale, G., . . . Pernice, V. (n.d.). Stent-frame decoupling following self-expandable transcatheter aortic valve replacement. JOURNAL OF CARDIOVASCULAR COMPUTED TOMOGRAPHY, 18(1), 105-108. doi:10.1016/j.jcct.2023.08.013

Kota, R., Gemelli, M., Dimagli, A., Suleiman, M. S., Moscarelli, M., Dong, T., . . . Fudulu, D. P. (2024). Corrigendum: Patterns of cytokine release and association with new onset of post-cardiac surgery atrial fibrillation(Front Surg., (2023), 10, (1205396), 10.3389/fsurg.2023.1205396). Frontiers in Surgery, 11. doi:10.3389/fsurg.2024.1320769

Spadaccio, C., Rose, D., Candura, D., Lopez Marco, A., Cerillo, A., Stefano, P., . . . Moscarelli, M. (2024). Effect of Hospital-associated SARS-CoV-2 Infections in Cardiac Surgery: A Multicenter Study. Annals of Thoracic Surgery, 117(1), 213-219. doi:10.1016/j.athoracsur.2022.05.034

Nasso, G., Vignaroli, W., Contegiacomo, G., Marchese, A., Fattouch, K., D'Alessandro, P., . . . Speziale, G. (2023). Emergent Conversion to Open Heart Surgery during Transcatheter Aortic Valve Implantation: The Presence of a Rescue Team Improves Outcomes. Journal of Clinical Medicine, 12(24). doi:10.3390/jcm12247705

Moscarelli, M., Sollami, G., Lentini, E., Prestera, R., Pernice, V., Violante, F., . . . Fattouch, K. (2023). Self-Expandable Prosthesis Valve Adaptation: Non-Uniform Expansion and Stent Frame Decoupling. AMERICAN JOURNAL OF CARDIOLOGY, 207, 93-99. doi:10.1016/j.amjcard.2023.08.130

Nasso, G., Santarpino, G., Bonifazi, R., Fiore, F., Contegiacomo, G., Agrò, F. E., . . . Speziale, G. (2023). Comparison between Track Technique and Conventional Approach for Measuring Artificial Chordae in the Treatment of Anterior Leaflet Prolapse and Flail during Mitral Valve Repair. Reviews in Cardiovascular Medicine, 24(10). doi:10.31083/j.rcm2410301

Moscarelli, M., Prestera, R., Pernice, V., Milo, S., Violante, F., Cuffari, F., . . . Fattouch, K. (2023). Subclinical Leaflet Thrombosis Following Surgical and Transcatheter Aortic Valve Replacement: A Meta-Analysis. AMERICAN JOURNAL OF CARDIOLOGY, 204, 171-177. doi:10.1016/j.amjcard.2023.07.089

Anastasiadis, K., Antonitsis, P., Murkin, J., Serrick, C., Gunaydin, S., El-Essawi, A., . . . Carrel, T. (2023). 2021 MiECTiS focused update on the 2016 position paper for the use of minimal invasive extracorporeal circulation in cardiac surgery. PERFUSION-UK, 38(7), 1360-1383. doi:10.1177/02676591221119002

Napoli, G., Tritto, R., Moscarelli, M., Forleo, C., La Marca, M. G. C., Yang, L., . . . Pepe, M. (2023). Role of pre-operative embolization in carotid body tumor surgery according to Shamblin classification: A systematic review and meta-analysis. Head and Neck, 45(5), 1141-1148. doi:10.1002/hed.27318

Condello, I., Santarpino, G., Nasso, G., Moscarelli, M., Speziale, G., & Lorusso, R. (2023). 'Goal-directed extracorporeal circulation: transferring the knowledge and experience from daily cardiac surgery to extracorporeal membrane oxygenation'. PERFUSION-UK, 38(3), 449-454. doi:10.1177/02676591211063826

Ben-Aicha, S., Buchanan, J., Punjabi, P., Emanueli, C., & Moscarelli, M. (2023). Efficacy of treatments tested in COVID-19 patients with cardiovascular disease. A meta-analysis. PERFUSION-UK, 38(2), 373-383. doi:10.1177/02676591211056559

Nasso, G., Santarpino, G., Di Bari, N., Fattouch, K., Condello, I., Moscarelli, M., . . . Speziale, G. (2023). Cardiac Surgery in Nonagenarians Following the TAVI/TMVI Era: A Multicenter 23-Year Comparative Analysis †. Journal of Clinical Medicine, 12(6). doi:10.3390/jcm12062177

Lorusso, R., De Piero, M. E., Mariani, S., Di Mauro, M., Folliguet, T., Taccone, F. S., . . . Lormans, P. (2023). In-hospital and 6-month outcomes in patients with COVID-19 supported with extracorporeal membrane oxygenation (EuroECMO-COVID): a multicentre, prospective observational study. Lancet Respiratory Medicine, 11(2), 151-162. doi:10.1016/S2213-2600(22)00403-9

Moscarelli, M., & Gaudino, M. (2023). Surgery for low-risk aortic valve replacement: The road to extinction. JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, 165(2), 606. doi:10.1016/j.jtcvs.2021.03.013

Vite, A. G., Kyriazis, P. G., & Moscarelli, M. (2023). Post Ischemic Mitral Regurgitation. In Essentials of Operative Cardiac Surgery Second Edition (pp. 121-131). doi:10.1007/978-3-031-14557-5_10

Kota, R., Gemelli, M., Dimagli, A., Suleiman, S., Moscarelli, M., Dong, T., . . . Fudulu, D. P. (2023). Patterns of cytokine release and association with new onset of post-cardiac surgery atrial fibrillation. Frontiers in Surgery, 10. doi:10.3389/fsurg.2023.1205396

Moscarelli, M. (2023). Precision, Accuracy and Indices of Central Tendency. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 77-92). Springer International Publishing. doi:10.1007/978-3-031-33073-5_6

Moscarelli, M. (2023). How “R” Works. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 9-21). Springer International Publishing. doi:10.1007/978-3-031-33073-5_2

Moscarelli, M. (2023). Correlation. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 93-111). Springer International Publishing. doi:10.1007/978-3-031-33073-5_7

Moscarelli, M. (2023). Time-to-Event Analysis. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 207-229). Springer International Publishing. doi:10.1007/978-3-031-33073-5_11

Moscarelli, M. (2023). Introduction. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 1-8). Springer International Publishing. doi:10.1007/978-3-031-33073-5_1

Moscarelli, M. (2023). Biostatistics With ‘R’: A Guide for Medical Doctors. doi:10.1007/978-3-031-33073-5

Moscarelli, M. (2023). Linear Regression. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 137-179). Springer International Publishing. doi:10.1007/978-3-031-33073-5_9

Moscarelli, M. (2023). Logistic Regression. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 181-205). Springer International Publishing. doi:10.1007/978-3-031-33073-5_10

Moscarelli, M. (2023). Hypothesis Testing. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 113-135). Springer International Publishing. doi:10.1007/978-3-031-33073-5_8

Moscarelli, M. (2023). Exploratory Data Analysis in “R”. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 23-40). Springer International Publishing. doi:10.1007/978-3-031-33073-5_3

Moscarelli, M. (2023). Data Distribution. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 55-76). Springer International Publishing. doi:10.1007/978-3-031-33073-5_5

Moscarelli, M. (2023). Propensity Score Matching. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 231-241). Springer International Publishing. doi:10.1007/978-3-031-33073-5_12

Moscarelli, M. (2023). Data Types in “R”. In Biostatistics With 'R': A Guide for Medical Doctors (pp. 41-53). Springer International Publishing. doi:10.1007/978-3-031-33073-5_4

Nasso, G., Di Bari, N., Bonifazi, R., Santarpino, G., Moscarelli, M., Condello, I., . . . Speziale, G. (2022). A new technique to adjust the length of artificial chordae during mitral anterior leaflet repair. JOURNAL OF CARDIAC SURGERY, 37(12), 4517-4523. doi:10.1111/jocs.17108

Moscarelli, M., Paparella, D., Angelini, G. D. D., Giannini, F., Contegiacomo, G., Marchese, A., . . . Speziale, G. (2022). The influence of metabolic syndrome in heart valve intervention. A multi-centric study. JOURNAL OF CARDIAC SURGERY, 37(12), 5063-5072. doi:10.1111/jocs.17204

Guccione, F., Moscarelli, M., Sampognaro, R., Salardino, M., Bacarella, D., Angela, N., & Fattouch, K. (2022). Subannular procedures on papillary muscles for secondary mitral valve regurgitation repair. JOURNAL OF CARDIAC SURGERY, 37(12), 5434-5438. doi:10.1111/jocs.16968

Nasso, G., Condello, I., Santarpino, G., Bari, N. D., Moscarelli, M., Agrò, F. E., . . . Speziale, G. (2022). Continuous field flooding versus final one-shot CO2 insufflation in minimally invasive mitral valve repair. Journal of Cardiothoracic Surgery, 17(1). doi:10.1186/s13019-022-02020-4

Moscarelli, M., & Fattouch, K. (2022). No need to treat atrial fibrillation. An unexpected perspective. JOURNAL OF CARDIAC SURGERY, 37(11), 3607-3608. doi:10.1111/jocs.16932

Naruka, V., Salmasi, M. Y., Rad, A. A., Marczin, N., Lazopoulos, G., Moscarelli, M., . . . Athanasiou, T. (2022). Use of Cytokine Filters During Cardiopulmonary Bypass: Systematic Review and Meta-Analysis. HEART LUNG AND CIRCULATION, 31(11), 1493-1503. doi:10.1016/j.hlc.2022.07.015

Moscarelli, M., & Fattouch, K. (2022). Commentary to: "Comparing midterm outcomes" of Cox-Maze procedure and pulmonary vein isolation for atrial fibrillation after concomitant mitral valve surgery: A "systematic review". JOURNAL OF CARDIAC SURGERY, 37(11), 3811-3812. doi:10.1111/jocs.16886

Condello, I., Santarpino, G., Nasso, G., Moscarelli, M., Fiore, F., & Speziale, G. (2022). Management algorithms and artificial intelligence systems for cardiopulmonary bypass. PERFUSION-UK, 37(8), 765-772. doi:10.1177/02676591211030762

Speziale, G., Santarpino, G., Moscarelli, M., Di Bari, N., Fiore, F., Condello, I., . . . Nasso, G. (2022). Minimally invasive mitral valve reconstruction: Is it an "all-comers" procedure?. JOURNAL OF CARDIAC SURGERY, 37(10), 2958-2962. doi:10.1111/jocs.16140

Pepe, M., Suppressa, P., GIULIANO, A. F., NESTOLA, P. L., BORTONE, A. S., Decillis, E., . . . SABBÀ, C. (2022). Safety of reduced or absent antithrombotic therapy after left atrial appendage closure in patients affected by hereditary hemorrhagic telangiectasia and atrial fibrillation. Minerva Cardiology and Angiology, 70(5), 537-544. doi:10.23736/S2724-5683.20.05474-2

Moscarelli, M., Paparella, D., Angelini, G., Giannini, F., Contegiacomo, G., Marchese, A., . . . Speziale, G. (2022). The influence of metabolic syndrome in heart valve intervention. A multi-centric study.. doi:10.22541/au.166321265.53208564/v1

Moscarelli, M., & Fattouch, K. (2022). No need to treat atrial fibrillation. An unexpected perspective.. doi:10.22541/au.166203183.30115176/v1

Moscarelli, M., & Gaudino, M. (2022). Commentary: Prosthesis-patient mismatch. A blast from the past?. JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, 164(3), 830-831. doi:10.1016/j.jtcvs.2020.10.117

Moscarelli, M., & Fattouch, K. (2022). Commentary to: 'Comparing Mid-Term Outcomes of Cox-Maze Procedure and Pulmonary Vein Isolation for Atrial Fibrillation After Concomitant Mitral Valve Surgery: A Systematic Review'. doi:10.22541/au.166072322.26684236/v1

Gallo, F., Gallone, G., Kim, W. K., Reifart, J., Veulemans, V., Zeus, T., . . . Giannini, F. (2022). Procedural outcomes of the 34 mm EvolutR Transcatheter valve in a real-world population insights from the HORSE multicenter collaborative registry. International Journal of Cardiology, 361, 55-60. doi:10.1016/j.ijcard.2022.04.079

Paparella, D., Margari, V., Santarpino, G., Moscarelli, M., Guida, P., Fattouch, K., . . . Speziale, G. (2022). Comparison of a full sternotomy with a minimally invasive approach for concomitant mitral and tricuspid valve surgery. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 62(3), 7 pages. doi:10.1093/ejcts/ezac167

Moscarelli, M., Condello, I., Mancini, A., Rao, V., Fiore, F., Bonifazi, R., . . . Speziale, G. (2022). Retrograde Autologous Priming for Minimally Invasive Mitral Valve Surgery. JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA, 36(8), 3028-3035. doi:10.1053/j.jvca.2022.03.031

De Martino, G., Nasso, G., Gasperetti, A., Moscarelli, M., Mancusi, C., Della Ratta, G., . . . Speziale, G. (2022). Targeting Bachmann's bundle in hybrid ablation for long-standing persistent atrial fibrillation: a proof of concept study. Journal of Interventional Cardiac Electrophysiology, 64(2), 273-280. doi:10.1007/s10840-021-00971-7

Skeffington, K. L., Moscarelli, M., Abdul-Ghani, S., Fiorentino, F., Emanueli, C., Reeves, B. C., . . . Suleiman, M. -S. (2022). Pathology-related changes in cardiac energy metabolites, inflammatory response and reperfusion injury following cardioplegic arrest in patients undergoing open-heart surgery. FRONTIERS IN CARDIOVASCULAR MEDICINE, 9, 14 pages. doi:10.3389/fcvm.2022.911557

Spadaccio, C., Nenna, A., Candura, D., Rose, D., Moscarelli, M., Al-Attar, N., & Sutherland, F. (2022). Total arterial coronary artery bypass grafting in patients with preoperative anemia. JOURNAL OF CARDIAC SURGERY, 37(6), 1528-1536. doi:10.1111/jocs.16425

Abdul-Ghani, S., Skeffington, K. L., Kim, M., Moscarelli, M., Lewis, P. A., Heesom, K., . . . Suleiman, M. -S. (2022). Effect of cardioplegic arrest and reperfusion on left and right ventricular proteome/phosphoproteome in patients undergoing surgery for coronary or aortic valve disease. INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, 49(6), 14 pages. doi:10.3892/ijmm.2022.5133

Creber, R. M., Dimagli, A., Spadaccio, C., Myers, A., Moscarelli, M., Demetres, M., . . . Gaudino, M. (2022). Effect of coronary artery bypass grafting on quality of life: a meta-analysis of randomized trials. EUROPEAN HEART JOURNAL-QUALITY OF CARE AND CLINICAL OUTCOMES, 8(3), 259-268. doi:10.1093/ehjqcco/qcab075

Condello, I., Lorusso, R., Santarpino, G., Di Bari, N., Fiore, F., Moscarelli, M., . . . Nasso, G. (2022). Perioperative incidence of ECMO and IABP on 5901 mitral valve surgery procedures. Journal of Cardiothoracic Surgery, 17(1). doi:10.1186/s13019-022-01790-1

PEPE, M., LAROSA, C., CIRILLO, P., CARULLI, E., FORLEO, C., NESTOLA, P. L., . . . FAVALE, S. (2022). Clinical use of cangrelor: a real-world multicenter experience from South Italy. Panminerva Medica, 64(1), 9-16. doi:10.23736/S0031-0808.21.04437-2

Fattouch, K., Dioguardi, P., Guccione, F., Nogara, A., Salardino, M., Sampognaro, R., . . . Moscarelli, M. (2022). 10-Year Results of Mitral Repair and Coronary Bypass for Ischemic Regurgitation: A Randomized Trial. ANNALS OF THORACIC SURGERY, 113(3), 816-822. doi:10.1016/j.athoracsur.2021.03.106

Moscarelli, M., Lorusso, R., Angelini, G. D., Di Bari, N., Paparella, D., Fattouch, K., . . . Speziale, G. (2022). Sex-specific differences and postoperative outcomes of minimally invasive and sternotomy valve surgery. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 61(3), 695-702. doi:10.1093/ejcts/ezab369

Fattouch, K., Corrao, S., Augugliaro, E., Minacapelli, A., Nogara, A., Zambelli, G., . . . Moscarelli, M. (2022). Cardiac surgery outcomes in patients with coronavirus disease 2019 (COVID-19): A case-series report. JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, 163(3), 1085-+. doi:10.1016/j.jtcvs.2020.09.138

Moscarelli, M., Di Bari, N., Nasso, G., Fattouch, K., Athanasiou, T., Bonifazi, R., & Speziale, G. (2022). Early safety performance of a modified technique of aorta replacement with sinotubular stabilization. ASIAN CARDIOVASCULAR & THORACIC ANNALS, 30(2), 171-176. doi:10.1177/02184923211015094

Fattouch, K., & Moscarelli, M. (2022). Shedding some light on tricuspid intervention. JOURNAL OF CARDIAC SURGERY, 37(2), 336-338. doi:10.1111/jocs.16133

Santarpino, G., Lorusso, R., Moscarelli, M., Mikus, E., Wisniewski, K., Dell'Aquila, A. M., . . . Speziale, G. (2022). Sutureless versus transcatheter aortic valve replacement: A multicenter analysis of "real-world" data. JOURNAL OF CARDIOLOGY, 79(1), 121-126. doi:10.1016/j.jjcc.2021.08.022

Bari, N. D., Moscarelli, M., Nasso, G., & Speziale, G. (2022). Quality of Life After Mitral Valve and Tricuspid Valve Surgery. In Patient Reported Outcomes and Quality of Life in Cardiovascular Interventions (pp. 211-216). doi:10.1007/978-3-031-09815-4_11

Condello, I., Santarpino, G., Bartolomucci, F., Valenti, G., Di Bari, N., Moscarelli, M., . . . Nasso, G. (2021). Minimally invasive extracorporeal circulation in end-stage coronary artery disease patients undergoing myocardial revascularization. Journal of Cardiothoracic Surgery, 16(1). doi:10.1186/s13019-021-01735-0

Nasso, G., Di Bari, N., Moscarelli, M., Fiore, F., Condello, I., Santarpino, G., & Speziale, G. (2021). A modified technique for aortic prosthesis implantation after prosthetic valve endocarditis complicated by complex paraannular aortic abscess. Reviews in Cardiovascular Medicine, 22(4), 1621-1627. doi:10.31083/j.rcm2204168

Nasso, G., Santarpino, G., Moscarelli, M., Condello, I., Dell'Aquila, A. M., Peivandi, A. D., . . . Speziale, G. (2021). Surgical treatment of valve endocarditis in high-risk patients and predictors of long-term outcomes. Scientific Reports, 11(1). doi:10.1038/s41598-021-03602-3

Moscarelli, M., & Gaudino, M. (2021). Reply: The quest for zero gradient. Jtcvs Open, 8, 244. doi:10.1016/j.xjon.2021.07.014

Nasso, G., Di Bari, N., Santarpino, G., Moscarelli, M., Brigiani, M. S., Condello, I., . . . Speziale, G. (2021). Long-term outcomes of pericardial strip versus prosthetic ring annuloplasty for secondary tricuspid regurgitation by a minimally invasive approach. JOURNAL OF CARDIOTHORACIC SURGERY, 16(1), 7 pages. doi:10.1186/s13019-021-01723-4

Fattouch, K., & Moscarelli, M. (2021). Shedding some light on tricuspid intervention. doi:10.22541/au.163587802.20113687/v1

Olevano, C., & Moscarelli, M. (2021). Left ventricle restoration. Keep the door open. JOURNAL OF CARDIAC SURGERY, 36(11), 4367-4368. doi:10.1111/jocs.15966

Condello, I., Santarpino, G., Nasso, G., Fiore, F., Moscarelli, M., Mastroroberto, P., & Speziale, G. (2021). Air, inflammation and biocompatibility of the extracorporeal circuits. PERFUSION-UK, 36(8), 781-785. doi:10.1177/0267659120968364

Moscarelli, M., Santarpino, G., Athanasiou, T., Mastroroberto, P., Fattouch, K., Nasso, G., & Speziale, G. (2021). A pooled analysis of pacemaker implantation after Perceval sutureless aortic valve replacement. INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, 33(4), 501-509. doi:10.1093/icvts/ivab137

Condello, I., Santarpino, G., Fiore, F., Di Bari, N., Speziale, G., Moscarelli, M., & Nasso, G. (2021). Propofol pharmacokinetics and pharmacodynamics-a perspective in minimally invasive extracorporeal circulation. INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, 33(4), 625-627. doi:10.1093/icvts/ivab143

Moscarelli, M., & Olevano, C. (2021). Commentary Left ventricle restoration. Keep the door open.. doi:10.22541/au.163253909.93817989/v1

Nasso, G., Lorusso, R., Motekallemi, A., Dell'Aquila, A. M., Di Bari, N., Condello, I., . . . Speziale, G. (2021). The fate of patients after failed epicardial ablation of atrial fibrillation. JOURNAL OF CARDIOTHORACIC SURGERY, 16(1), 8 pages. doi:10.1186/s13019-021-01635-3

Pepe, M., Napoli, G., Carulli, E., Moscarelli, M., Forleo, C., Nestola, P. L., . . . Favale, S. (2021). Autoimmune diseases in patients undergoing percutaneous coronary intervention: A risk factor for in-stent restenosis?. ATHEROSCLEROSIS, 333, 24-31. doi:10.1016/j.atherosclerosis.2021.08.007

Moscarelli, M., Gallo, F., Gallone, G., Kim, W. -K., Reifart, J., Veulemans, V., . . . Giannini, F. (2021). Aortic angle distribution and predictors of horizontal aorta in patients undergoing transcatheter aortic valve replacement. INTERNATIONAL JOURNAL OF CARDIOLOGY, 338, 58-62. doi:10.1016/j.ijcard.2021.05.054

Gallo, F., Gallone, G., Kim, W. -K., Reifart, J., Veulemans, V., Zeus, T., . . . Giannini, F. (2021). Horizontal Aorta in Transcatheter Self-Expanding Valves Insights From the HORSE International Multicentre Registry. CIRCULATION-CARDIOVASCULAR INTERVENTIONS, 14(9), 9 pages. doi:10.1161/CIRCINTERVENTIONS.121.010641

Moscarelli, M., & Gaudino, M. (2021). Commentary: Atrial fibrillation? Go hybrid. Jtcvs Open, 7, 156. doi:10.1016/j.xjon.2021.07.015

Condello, I., Santarpino, G., Moscarelli, M., Nasso, G., & Speziale, G. (2021). Potentiality of ozone administration in venous reservoir during cardiac surgery. PERFUSION-UK, 36(6), 645-646. doi:10.1177/0267659120958957

Paparella, D., Santarpino, G., Moscarelli, M., Guida, P., De Santis, A., Fattouch, K., . . . Speziale, G. (2021). Minimally invasive aortic valve replacement: short-term efficacy of sutureless compared with stented

bioprostheses. INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, 33(2), 188-194. doi:10.1093/icvts/ivab070

Nasso, G., Lorusso, R., Moscarelli, M., De Martino, G., Dell'Aquila, A. M., Motekallemi, A., . . . Speziale, G. (2021). Catheter, surgical, or hybrid procedure: what future for atrial fibrillation ablation?. JOURNAL OF CARDIOTHORACIC SURGERY, 16(1), 7 pages. doi:10.1186/s13019-021-01565-0

Moscarelli, M., & Gaudino, M. (2021). Calcium-channel blockers in patients with radial artery grafts. When enough is enough. JOURNAL OF CARDIAC SURGERY, 36(6), 1827-1831. doi:10.1111/jocs.15411

Moscarelli, M., Lorusso, R., Abdullahi, Y., Varone, E., Marotta, M., Solinas, M., . . . Athanasiou, T. (2021). The Effect of Minimally Invasive Surgery and Sternotomy on Physical Activity and Quality of Life. HEART LUNG AND CIRCULATION, 30(6), 882-887. doi:10.1016/j.hlc.2020.09.936

Moscarelli, M., Nasso, G., Fattouch, K., Di Bari, N., Bonifazi, R., & Speziale, G. (2021). A modified technique for performing proximal anastomosis of a supracoronary graft. Multimedia Manual of Cardiothoracic Surgery Mmcts, 2021. doi:10.1510/mmcts.2021.028

Moscarelli, M., Nasso, G., Vite, G., & Speziale, G. (2021). Surgical treatment of prosthetic mechanical valve thrombosis with the aid of high-flow CO₂. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 59(4), 908-910. doi:10.1093/ejcts/ezaa349

Pepe, M., Carulli, E., Forleo, C., Moscarelli, M., Di Cillo, O., Santo Bortone, A., . . . Favale, S. (2021). Inflammatory Bowel Disease and Acute Coronary Syndromes: From Pathogenesis to the Fine Line Between Bleeding and Ischemic Risk. INFLAMMATORY BOWEL DISEASES, 27(5), 725-731. doi:10.1093/ibd/izaa160

Moscarelli, M., Fattouch, K., & Speziale, G. (2021). Tailor-Made Aortic Root Reconstruction. ANNALS OF THORACIC SURGERY, 111(3), 1097-1098. doi:10.1016/j.athoracsur.2020.05.138

Khader, A. A., Allaf, M., Lu, O. W., Lazopoulos, G., Moscarelli, M., Kendall, S., . . . Athanasiou, T. (2021). Does the clinical effectiveness of Mitraclip compare with surgical repair for mitral regurgitation?. JOURNAL OF CARDIAC SURGERY, 36(3), 1103-1119. doi:10.1111/jocs.15298

Moscarelli, M., Di Bari, N., Fattouch, K., Brigiani, M. S., Bonifazi, R., Nasso, G., & Speziale, G. (2021). Minimally Invasive Mitral Valve Repair for Standalone Secondary Mitral Regurgitation. HEART LUNG AND CIRCULATION, 30(3), 431-437. doi:10.1016/j.hlc.2020.08.002

Lorusso, R., Combes, A., Coco, V. L., De Piero, M. E., & Belohlavek, J. (2021). ECMO for COVID-19 patients in Europe and Israel. Intensive Care Medicine, 47(3), 344-348. doi:10.1007/s00134-020-06272-3

Moscarelli, M., Angelini, G. D., Emanueli, C., Suleiman, S., Pepe, M., Contegiacomo, G., & Punjabi, P. P. (2021). Remote ischemic preconditioning in isolated valve intervention. A pooled meta-analysis. INTERNATIONAL JOURNAL OF CARDIOLOGY, 324, 146-151. doi:10.1016/j.ijcard.2020.10.020

Condello, I., Santarpino, G., Moscarelli, M., Nasso, G., & Speziale, G. (2021). Toward Minimally Invasive Extracorporeal Circulation in Oncologic Cardiac Surgery. BRAZILIAN JOURNAL OF CARDIOVASCULAR SURGERY, 36(1), 141-142. doi:10.21470/1678-9741-2020-0389

Moscarelli, M., Rahouma, M., Nasso, G., di Bari, N., Speziale, G., Bartolomucci, F., . . . Gaudino, M. (2021). Minimally invasive approaches to primary cardiac tumors: A systematic review and meta-analysis. JOURNAL OF CARDIAC SURGERY, 36(2), 483-492. doi:10.1111/jocs.15224

Moscarelli, M., & Gaudino, M. (2021). Calcium-Channel Blockers in Patients with Radial Artery Grafts.. doi:10.22541/au.161054688.82588072/v1

Moscarelli, M., Nasso, G., & Speziale, G. (2021). Markov models in cardiac surgery. JOURNAL OF CARDIAC SURGERY, 36(1), 176-177. doi:10.1111/jocs.15158

Abdullahi, Y. S., Salmasi, M. Y., Moscarelli, M., Parlanti, A., Marotta, M., Varone, E., . . . Athanasiou, T. (2021). The Use of Frailty Scoring to Predict Early Physical Activity Levels After Cardiac Surgery. ANNALS OF THORACIC SURGERY, 111(1), 36-43. doi:10.1016/j.athoracsur.2020.06.029

Dalla Sega, F. V., Fortini, F., Cimaglia, P., Marracino, L., Tonet, E., Antonucci, A., . . . Ferrari, R. (2020). COX-2 Is Downregulated in Human Stenotic Aortic Valves and Its Inhibition Promotes Dystrophic Calcification. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 21(23), 13 pages. doi:10.3390/ijms21238917

Moscarelli, M., Bonifazi, R., Nasso, G., Di Bari, N., & Speziale, G. (2020). A Modified Technique for Ascending Aorta Replacement With Sinotubular Junction Stabilization. ANNALS OF THORACIC SURGERY, 110(4), E335-E337. doi:10.1016/j.athoracsur.2020.03.121

Condello, I., Moscarelli, M., & Nasso, G. (2020). Echocardiographic assessment in aortic valve insufficiency for cardioplegic solution administration. EUROPEAN HEART JOURNAL-CARDIOVASCULAR IMAGING, 21(10), 1174. doi:10.1093/ehjci/jeaa188

Angelini, G. D., Reeves, B. C., Evans, J., Culliford, L. A., Collett, L., Rogers, C. A., . . . Dennis, S. (2021). Conventional versus minimally invasive extracorporeal circulation in patients undergoing cardiac surgery: protocol for a randomised controlled trial (COMICS). PERFUSION-UK, 36(4), 388-394. doi:10.1177/0267659120946731

Condello, I., Moscarelli, M., Santarpino, G., Fattouch, K., Nasso, G., & Speziale, G. (2020). Water condensation from gas outlet of oxygenator. JOURNAL OF CARDIAC SURGERY, 35(8), 2039-2040. doi:10.1111/jocs.14841

Gaudino, M., Benedetto, U., Fremes, S., Ballman, K., Biondi-Zoccai, G., Sedrakyan, A., . . . Taggart, D. P. (2020). Association of Radial Artery Graft vs Saphenous Vein Graft With Long-term Cardiovascular Outcomes Among Patients Undergoing Coronary Artery Bypass Grafting A Systematic Review and Meta-analysis. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 324(2), 179-187. doi:10.1001/jama.2020.8228

Vogt, F., Moscarelli, M., Pollari, F., Kalisnik, J. M., Pfeiffer, S., Fittkau, M., . . . Santarpino, G. (2020). Two approaches-one phenomenon-thrombocytopenia after surgical and transcatheter aortic valve replacement. JOURNAL OF CARDIAC SURGERY, 35(6), 1186-1194. doi:10.1111/jocs.14547

Nasso, G., De Martino, G., Moscarelli, M., Bonifazi, R., Gaudino, M., Di Bari, N., & Speziale, G. (2020). A modified surgical ablation line for atrial fibrillation. The Bachmann line. JOURNAL OF CARDIAC SURGERY, 35(6), 1325-1327. doi:10.1111/jocs.14567

Paparella, D., Santarpino, G., Moscarelli, M., & Guida, P. (2020). EuroSCORE II was launched as a risk score model for prediction of in-hospital mortality in cardiac surgery Reply. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 57(5), 1014-1015. doi:10.1093/ejcts/ezz347

Paparella, D., Fattouch, K., Moscarelli, M., Santarpino, G., Nasso, G., Guida, P., . . . Speziale, G. (2020). Current trends in mitral valve surgery: A multicenter national comparison between full-sternotomy and minimally-invasive approach. INTERNATIONAL JOURNAL OF CARDIOLOGY, 306, 147-151. doi:10.1016/j.ijcard.2019.11.137

Paparella, D., Malvindi, P. G., Santarpino, G., Moscarelli, M., Guida, P., Fattouch, K., . . . Speziale, G. (2020). Full sternotomy and minimal access approaches for surgical aortic valve replacement: a multicentre

propensity-matched study. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 57(4), 709-716. doi:10.1093/ejcts/ezz286

Moscarelli, M., Fattouch, K., Gaudino, M., Nasso, G., Paparella, D., Punjabi, P., . . . Speziale, G. (2020). Minimal Access Versus Sternotomy for Complex Mitral Valve Repair: A Meta-Analysis. ANNALS OF THORACIC SURGERY, 109(3), 737-744. doi:10.1016/j.athoracsur.2019.07.034

Gaudino, M., Benedetto, U., Fremes, S. E., Hare, D. L., Hayward, P., Moat, N., . . . Taggart, D. P. (2020). Angiographic Outcome of Coronary Artery Bypass Grafts: The Radial Artery Database International Alliance. ANNALS OF THORACIC SURGERY, 109(3), 688-694. doi:10.1016/j.athoracsur.2019.07.010

Lorusso, R., Moscarelli, M., Di Franco, A., Grazioli, V., Nicolini, F., Gherli, T., . . . Gaudino, M. (2019). Association Between Coronary Artery Bypass Surgical Techniques and Postoperative Stroke. JOURNAL OF THE AMERICAN HEART ASSOCIATION, 8(24), 11 pages. doi:10.1161/JAHA.119.013650

Gaudino, M., Benedetto, U., Fremes, S., Ballman, K., Biondi-Zoccai, G., Sedrakyan, A., . . . Taggart, D. P. (2019). The RADial artery International ALliance (RADIAL) extended follow-up study: rationale and study protocol. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 56(6), 1025-1030. doi:10.1093/ejcts/ezz247

Moscarelli, M., Condello, I., Fattouch, K., Punjabi, P., Ajello, V., Solimando, C., . . . Speziale, G. (n.d.). Dopamine Optimizes Venous Return During Cardiopulmonary Bypass and Reduces the Need for Postoperative Blood Transfusion. ASAIO JOURNAL, 65(8), 882-887. doi:10.1097/MAT.0000000000000930

Santarpino, G., & Moscarelli, M. (2019). Postoperative Cognitive Dysfunction: A Forgotten Part of the Quality of Life?. ANNALS OF THORACIC SURGERY, 108(5), 1583. doi:10.1016/j.athoracsur.2019.03.047

Moscarelli, M., & De Paulis, R. (2019). The phyllotaxis of the aortic valve. MONALDI ARCHIVES FOR CHEST DISEASE, 89(3), 4 pages. doi:10.4081/monaldi.2019.1139

Moscarelli, M., Fattouch, K., Speziale, G., Nasso, G., Santarpino, G., Gaudino, M., & Athanasiou, T. (2019). A meta-analysis of the performance of small tissue versus mechanical aortic valve prostheses. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 56(3), 510-517. doi:10.1093/ejcts/ezz056

Moscarelli, M., Nasso, G., Fattouch, K., Di Bari, N., & Speziale, G. (2019). Redo mitral valve repair with complete ring implantation over an open band. JOURNAL OF CARDIAC SURGERY, 34(7), 614-616. doi:10.1111/jocs.14081

Vogt, F., Moscarelli, M., Nicoletti, A., Gregorini, R., Pollari, F., Kalisnik, J. M., . . . Santarpino, G. (2019). Sutureless Aortic Valve and Pacemaker Rate: From Surgical Tricks to Clinical Outcomes. ANNALS OF THORACIC SURGERY, 108(1), 99-105. doi:10.1016/j.athoracsur.2018.12.037

Paparella, D., Santarpino, G., Malvindi, P. G., Moscarelli, M., Marchese, A., Guida, P., . . . Speziale, G. (2019). Minimally invasive surgical versus transcatheter aortic valve replacement: A multicenter study. IJC HEART & VASCULATURE, 23, 5 pages. doi:10.1016/j.ijcha.2019.100362

Gaudino, M., Benedetto, U., Fremes, S. E., Hare, D. L., Hayward, P., Moat, N., . . . Taggart, D. P. (2019). Effect of Calcium-Channel Blocker Therapy on Radial Artery Grafts After Coronary Bypass Surgery. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, 73(18), 2299-2306. doi:10.1016/j.jacc.2019.02.054

Moscarelli, M., Fiorentino, F., Suleiman, M. -S., Emanueli, C., Reeves, B. C., Punjabi, P. P., & Angelini, G. D. (2019). Remote ischaemic preconditioning in isolated aortic valve and coronary artery

bypass surgery: a randomized trial. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 55(5), 905-912. doi:10.1093/ejcts/ezy404

Moscarelli, M., Di Bari, N., Bonifazi, R., Salardino, M., De Donatis, T., Nasso, G., & Speziale, G. (2019). How to assemble a low-fidelity simulator for minimally invasive mitral valve surgery. Multimedia Manual of Cardiothoracic Surgery Mmcts, 2019. doi:10.1510/mmcts.2019.014

Moscarelli, M., Nasso, G., & Speziale, G. (2019). Minimally Invasive Approach for Complex Mitral Disease: Time to Choose the Lesser of Evils? Reply. ANNALS OF THORACIC SURGERY, 107(4), 1288-1289. doi:10.1016/j.athoracsur.2018.09.011

Moscarelli, M. (2019). CT scan in minimally invasive surgery: A call to safety. INTERNATIONAL JOURNAL OF CARDIOLOGY, 278, 307-308. doi:10.1016/j.ijcard.2018.12.058

Moscarelli, M., Devito, F., Fattouch, K., Lancellotti, P., Ciccone, M. M., Rizzo, P., . . . Speziale, G. (2019). The effect of surgical versus transcatheter aortic valve replacement on endothelial function. An observational study. INTERNATIONAL JOURNAL OF SURGERY, 63, 1-7. doi:10.1016/j.ijsu.2019.01.014

Moscarelli, M., Terrasini, N., Nunziata, A., Punjabi, P., Angelini, G., Solinas, M., . . . Haxhiademi, D. (2018). A Trial of Two Anesthetic Regimes for Minimally Invasive Mitral Valve Repair. JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA, 32(6), 2562-2569. doi:10.1053/j.jvca.2018.01.02

Speziale, G., Moscarelli, M., Di Bari, N., Bonifazi, R., Salardino, M., De Donatis, T., & Nasso, G. (2018). A Simplified Technique for Complex Mitral Valve Regurgitation by a Minimally Invasive Approach. ANNALS OF THORACIC SURGERY, 106(3), 728-734. doi:10.1016/j.athoracsur.2018.04.010

Speziale, G., & Moscarelli, M. (n.d.). A Simplified Technique for Correcting Mitral Valve Regurgitation Via Minimally Invasive Approach. INNOVATIONS-TECHNOLOGY AND TECHNIQUES IN CARDIOTHORACIC AND VASCULAR SURGERY, 13(3), 236-238. doi:10.1097/imi.0000000000000497

Devito, F., Moscarelli, M., Ciccone, M. M., Rizzo, P., Ferrari, R., & Speziale, G. (2018). The impact of surgical and trans-catheter aortic valve replacement on endothelial function: New markers ahead. In Advances in Treatments for Aortic Valve and Root Diseases (pp. 359-366). doi:10.1007/978-3-319-66483-5_25

Moscarelli, M., Athanasiou, T., Speziale, G., Punjabi, P. P., Malietzis, G., Lancellotti, P., & Fattouch, K. (2017). The value of adding sub-valvular procedures for chronic ischemic mitral regurgitation surgery: a meta-analysis. PERFUSION-UK, 32(6), 436-445. doi:10.1177/0267659117693683

Margaryan, R., Moscarelli, M., Gasbarri, T., Bianchi, G., Kallushi, E., Cerillo, A. G., . . . Solinas, M. (n.d.). EuroSCORE Performance in Minimally Invasive Cardiac Surgery Discrimination Ability and External Calibration. INNOVATIONS-TECHNOLOGY AND TECHNIQUES IN CARDIOTHORACIC AND VASCULAR SURGERY, 12(4), 282-286. doi:10.1097/imi.0000000000000377

Fattouch, K., Moscarelli, M., Castrovinci, S., Murana, G., Dioguardi, P., Guccione, F., . . . Lancellotti, P. (2017). Mid-term results of bicuspid aortic valve repair guided by morphology and function assessment. INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, 25(1), 83-88. doi:10.1093/icvts/ivx027

Nasso, G., Moscarelli, M., Fattouch, K., Zebele, C., Iacopino, S., Fiore, F., & Speziale, G. (n.d.). Mid-Term Performance of Bipolar Radiofrequency Ablation for Isolated Atrial Fibrillation Through a Right Minithoracotomy. SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY, 29(2), 160-172. doi:10.1053/j.semtcvs.2017.01.005

Abdullahi, Y. S., Athanasopoulos, L. V., Casula, R. P., Moscarelli, M., Bagnall, M., Ashrafian, H., & Athanasiou, T. (2017). Systematic review on the predictive ability of frailty assessment measures in cardiac

surgery. INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, 24(4), 619-624. doi:10.1093/icvts/ivw374

Castrovinci, S., Emmanuel, S., Moscarelli, M., Murana, G., Caccamo, G., Bertolino, E. C., . . . Fattouch, K. (2016). Minimally invasive aortic valve surgery. JOURNAL OF GERIATRIC CARDIOLOGY, 13(6), 499-503. doi:10.11909/j.issn.1671-5411.2016.06.005

Fattouch, K., Moscarelli, M., Del Giglio, M., Albertini, A., Comoglio, C., Coppola, R., . . . Speziale, G. (2016). Non-sutureless minimally invasive aortic valve replacement: mini-sternotomy versus mini-thoracotomy: a series of 1130 patients. INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, 23(2), 253-258. doi:10.1093/icvts/ivw104

Athanasopoulos, L. V., Moscarelli, M., Speziale, G., Punjabi, P. P., & Athanasiou, T. (2017). Are adjunct subvalvular techniques more effective than isolated restrictive annuloplasty for treating ischemic mitral regurgitation?. PERFUSION-UK, 32(2), 92-96. doi:10.1177/0267659116662520

Abdullahi, Y. S., Athanasopoulos, L. V., Moscarelli, M., Casula, R. P., Speziale, G., Fattouch, K., . . . Athanasiou, T. (2016). What are the benefits of a minimally invasive approach in frail octogenarian patients undergoing aortic valve replacement?. JOURNAL OF GERIATRIC CARDIOLOGY, 13(6), 514-516. doi:10.11909/j.issn.1671-5411.2016.06.007

Mylotte, D., Sharif, F., Piazza, N., Moscarelli, M., Fattouch, K., & Modine, T. (2016). Transcatheter aortic valve implantation in 2015. JOURNAL OF GERIATRIC CARDIOLOGY, 13(6), 511-513. doi:10.11909/j.issn.1671-5411.2016.06.003

Acharya, M., Harling, L., Moscarelli, M., Ashrafian, H., Athanasiou, T., & Casula, R. (2016). Influence of body mass index on outcomes after minimal-access aortic valve replacement through a J-shaped partial upper sternotomy. JOURNAL OF CARDIOTHORACIC SURGERY, 11, 7 pages. doi:10.1186/s13019-016-0467-2

Moscarelli, M., Emmanuel, S., Athanasiou, T., Speziale, G., Fattouch, K., & Casula, R. (2016). The role of minimal access valve surgery in the elderly. A meta-analysis of observational studies. INTERNATIONAL JOURNAL OF SURGERY, 33, 164-171. doi:10.1016/j.ijsu.2016.04.040

Moscarelli, M., Cerillo, A., Athanasiou, T., Farneti, P., Bianchi, G., Margaryan, R., & Solinas, M. (2016). Minimally invasive mitral valve surgery in high-risk patients: operating outside the boxplot. INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, 22(6), 756-761. doi:10.1093/icvts/ivw038

Moscarelli, M., Fattouch, K., Casula, R., Speziale, G., Lancellotti, P., & Athanasiou, T. (2016). What Is the Role of Minimally Invasive Mitral Valve Surgery in High-Risk Patients? A Meta-Analysis of Observational Studies. ANNALS OF THORACIC SURGERY, 101(3), 981-989. doi:10.1016/j.athoracsur.2015.08.050

Moscarelli, M., & De Paulis, R. (2016). The golden perfection of the aortic valve. INTERNATIONAL JOURNAL OF CARDIOLOGY, 205, 165-166. doi:10.1016/j.ijcard.2015.12.018

Fattouch, K., Moscarelli, M., Castrovinci, S., Guccione, F., Dioguardi, P., Speziale, G., & Lancellotti, P. (n.d.). A Comparison of 2 Mitral Annuloplasty Rings for Severe Ischemic Mitral Regurgitation: Clinical and Echocardiographic Outcomes. SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY, 28(2), 261-268. doi:10.1053/j.semtcvs.2016.04.007

Moscarelli, M., Athanasiou, T., Sevdalis, N., Vescovi, F., Fattouch, K., Nasso, G., & Speziale, G. (n.d.). Controlled Exponentially Weighted Moving Average Chart in Cardiac Surgery: A Simulation Study Across 9 Italian Cardiac Centers. SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY, 28(2), 253-258. doi:10.1053/j.semtcvs.2016.04.005

Carita, P., Coppola, G., Novo, G., Caccamo, G., Guglielmo, M., Balasus, F., . . . Corrado, E. (2016). Aortic stenosis: insights on pathogenesis and clinical implications. JOURNAL OF GERIATRIC CARDIOLOGY, 13(6), 489-498. doi:10.11909/j.issn.1671-5411.2016.06.001

Thakur, S. D., Cheng, A., Bookun, H. R., Lee, D., Lee, C. S., Zhang, X. B., . . . Solinas, M. (2015). Sutureless bioprosthesis may increase postoperative atrial fibrillation after aortic valve replacement. Journal of Cardiothoracic Surgery, 10(S1). doi:10.1186/1749-8090-10-s1-a26

Bookun, H. R., Cheng, A., Lee, C. S., Lee, D., Zhang, X. B., Gangahanumaiah, S., . . . Solinas, M. (2015). Mini-Thoracotomy Access Reduces the Incidence of Postoperative Atrial Fibrillation after Aortic Valve Replacement. Journal of Cardiothoracic Surgery, 10(S1). doi:10.1186/1749-8090-10-s1-a77

Cheng, A., Bookun, H. R., Rasmussen, M., Lee, D., Lee, C. S., Zhang, X. B., . . . Solinas, M. (2015). Left Atrial Diameter is an Independent Predictor of Postoperative Atrial Fibrillation after Minimally Invasive Mitral Valve Surgery. Journal of Cardiothoracic Surgery, 10(S1). doi:10.1186/1749-8090-10-s1-a25

Hausenloy, D. J., Candilio, L., Evans, R., Ariti, C., Jenkins, D. P., Kolvekar, S., . . . Yellon, D. M. (2015). Remote Ischemic Preconditioning and Outcomes of Cardiac Surgery. NEW ENGLAND JOURNAL OF MEDICINE, 373(15), 1408-1417. doi:10.1056/NEJMoa1413534

Moscarelli, M., Casula, R., Speziale, G., & Athanasiou, T. (2016). Can we use minimally invasive mitral valve surgery as a safe alternative to sternotomy in high-risk patients?. INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, 22(1), 92-96. doi:10.1093/icvts/ivv275

Moscarelli, M., Angelini, G. D., Suleiman, S., Fiorentino, F., & Punjabi, P. P. (2015). Remote ischaemic preconditioning: is it a flag on the field?. PERFUSION-UK, 30(6), 438-447. doi:10.1177/0267659115570720

Moscarelli, M., Margaryan, R., Cerillo, A., Kallushi, E., Farneti, P., & Solinas, M. (2015). Minimally Invasive Mitral Valve Surgery in Truly High-Risk Patients: Are We Pushing the Boundaries? An Observational Study. Innovations Technology and Techniques in Cardiothoracic and Vascular Surgery, 10(5), 328-333. doi:10.1097/imi.0000000000000197

Fiorentino, F., Angelini, G. D., Suleiman, M. -S., Rahman, A., Anderson, J., Bryan, A. J., . . . Reeves, B. C. (2015). Investigating the effect of remote ischaemic preconditioning on biomarkers of stress and injury-related signalling in patients having isolated coronary artery bypass grafting or aortic valve replacement using cardiopulmonary bypass: study protocol for a randomized controlled trial. TRIALS, 16, 10 pages. doi:10.1186/s13063-015-0696-z

Moscarelli, M., Harling, L., Ashrafian, H., Athanasiou, T., & Casula, R. (2015). Challenges facing totally endoscopic robotic coronary artery bypass grafting. INTERNATIONAL JOURNAL OF MEDICAL ROBOTICS AND COMPUTER ASSISTED SURGERY, 11(1), 18-29. doi:10.1002/rcs.1598

Moscarelli, M., Punjabi, P. P., Miroslav, G. I., Del Sarto, P., Fiorentino, F., & Angelini, G. D. (2015). Myocardial conditioning techniques in off-pump coronary artery bypass grafting. JOURNAL OF CARDIOTHORACIC SURGERY, 10, 10 pages. doi:10.1186/s13019-014-0204-7

Moscarelli, M., Bianchi, G., Margaryan, R., Cerillo, A., Farneti, P., Murzi, M., & Solinas, M. (2015). Accuracy of EuroSCORE II in patients undergoing minimally invasive mitral valve surgery. INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, 21(6), 748-753. doi:10.1093/icvts/ivv265

Moscarelli, M., & Punjabi, P. P. (2015). Predictors of recurrent chronic ischemic mitral regurgitation after mitral valve repair surgery. In Secondary Mitral Valve Regurgitation (pp. 185-191). doi:10.1007/9781447164883_20

Cheng, A., Bookun, H. R., Rasmussen, M., Lee, D., Lee, C. S., Zhang, X. B., . . . Solinas, M. (2015). Left Atrial Diameter is an Independent Predictor of Postoperative Atrial Fibrillation after Minimally Invasive Mitral Valve Surgery. Journal of cardiothoracic surgery, 10(Suppl 1), A25.

Bookun, H. R., Cheng, A., Lee, C. S., Lee, D., Zhang, X. B., Gangahanumaiah, S., . . . Solinas, M. (2015). Mini-Thoracotomy Access Reduces the Incidence of Postoperative Atrial Fibrillation after Aortic Valve Replacement. Journal of cardiothoracic surgery, 10(Suppl 1), A77.

Thakur, S. D., Cheng, A., Bookun, H. R., Lee, D., Lee, C. S., Zhang, X. B., . . . Solinas, M. (2015). Sutureless bioprosthesis may increase postoperative atrial fibrillation after aortic valve replacement. Journal of cardiothoracic surgery, 10(Suppl 1), A26.

Moscarelli, M., & Punjabi, P. P. (2015). Predictors of Recurrent Chronic Ischemic Mitral Regurgitation After Mitral Valve Repair Surgery. In Secondary Mitral Valve Regurgitation (pp. 185-191). Springer London. doi:10.1007/978-1-4471-6488-3_20

Fattouch, K., Murana, G., Castrovinci, S., Moscarelli, M., & Speziale, G. (2015). Anatomical Changes Associated with Secondary Mitral Regurgitation: Difference Between Ischemic and Idiopathic Cardiomyopathy. In Secondary Mitral Valve Regurgitation (pp. 7-11). Springer London. doi:10.1007/978-1-4471-6488-3_2

Kanaganayagam, G. S., Moscarelli, M., Punjabi, P. P., & Fox, K. F. (2014). Feeling dizzy? A giant incidental finding. EUROPEAN HEART JOURNAL, 35(35), 2343. doi:10.1093/eurheartj/ehu237

Moscarelli, M., Harling, L., Attaran, S., Ashrafian, H., Casula, R. P., & Athanasiou, T. (2014). Surgical revascularisation of the acute coronary artery syndrome. Expert Review of Cardiovascular Therapy, 12(3), 393-402. doi:10.1586/14779072.2014.890889

Attaran, S., Harling, L., Ashrafian, H., Moscarelli, M., Casula, R., Anderson, J., . . . Athanasiou, T. (2014). Off-pump versus on-pump revascularization in females: a meta-analysis of observational studies. PERFUSION-UK, 29(5), 385-396. doi:10.1177/0267659114525985

Hillecke, M., Moscarelli, M., Sutaria, N., Angelini, G., & Bello, F. (2014). Computer-Assisted Surgical Planning for Mitral Valve Repair Using 4D Echocardiograms. In F. Bello, & S. Cotin (Eds.), BIOMEDICAL SIMULATION Vol. 8789 (pp. 163-172). FRANCE, IRCAD, Strasbourg: SPRINGER INTERNATIONAL PUBLISHING AG. Retrieved from https://www.webofscience.com/

Harling, L., Moscarelli, M., Kidher, E., Fattouch, K., Ashrafian, H., & Athanasiou, T. (2013). The effect of off-pump coronary artery bypass on mortality after acute coronary syndrome: A meta-analysis. INTERNATIONAL JOURNAL OF CARDIOLOGY, 169(5), 339-348. doi:10.1016/j.ijcard.2013.09.003

Attaran, S., Moscarelli, M., Athanasiou, T., & Anderson, J. (2013). Is coronary artery bypass grafting an acceptable alternative to myotomy for the treatment of myocardial bridging?. INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, 16(3), 347-349. doi:10.1093/icvts/ivs459

Moscarelli, M., Harling, L., Ashrafian, H., & Athanasiou, T. (2013). Should we consider off-pump coronary artery bypass grafting in patients with acute coronary syndrome?. INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, 16(3), 350-355. doi:10.1093/icvts/ivs476

Moscarelli, M., Attaran, S., Thomas, C., & Anderson, J. R. (2013). Contained Rupture of the Sinus of Valsalva Associated With Infective Endocarditis and Untreated Congenital Ventricular Septal Defect. World Journal for Pediatric and Congenital Heart Surgery, 4(3), 312-314. doi:10.1177/2150135112474025

Moscarelli, M., Patel, N. N., & Angelini, G. D. (2012). Indications and contraindications of off-pump coronary artery bypass grafting. In Off Pump Coronary Artery Bypass Grafting Outcomes Concerns and Controversies (pp. 1-20).

Fattouch, K., Runza, G., Moscarelli, M., Trumello, C., Incalcatera, E., Corrado, E., . . . Ruvolo, G. (2011). Graft patency and late outcomes for patients with ST-segment elevation myocardial infarction who underwent coronary surgery. PERFUSION-UK, 26(5), 401-408. doi:10.1177/0267659111411354

Moscarelli, M., & Punjabi, P. P. (2011). Thoracotomy. Surgery, 29(5), 242-243. doi:10.1016/j.mpsur.2011.02.008

Fattouch, K., Sampognaro, R., Bianco, G., Navarra, E., Moscarelli, M., Speziale, G., & Ruvolo, G. (2008). Implantation of Gore-Tex chordae on aortic valve leaflet to treat prolapse using "The chordae technique": Surgical aspects and clinical results. ANNALS OF THORACIC SURGERY, 85(6), 2019-2025. doi:10.1016/j.athoracsur.2007.11.083

Zeitani, J., de Peppo, A. P., Moscarelli, M., Wolf, L. G., Scafuri, A., Nardi, P., . . . Chiariello, L. (2006). Influence of sternal size and inadvertent paramedian sternotomy on stability of the closure site: A clinical and mechanical study. JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, 132(1), 38-42. doi:10.1016/j.jtcvs.2006.03.015

Forlani, S., De Paulis, R., Wolf, L. G., Greco, R., Polisca, P., Moscarelli, M., & Chiariello, L. (2006). Conversion to sinus rhythm by ablation improves quality of life in patients submitted to mitral valve surgery. ANNALS OF THORACIC SURGERY, 81(3), 863-867. doi:10.1016/j.athoracsur.2005.09.004

Scafuri, A., Moscarelli, M., Wolf, L. G., Del Giudice, C., Nardi, P., & Chiariello, L. (2005). Aortic root enlargement for aortic valve replacement in an achondroplastic dwarf. TEXAS HEART INSTITUTE JOURNAL, 32(3), 442-444.

De Paulis, R., Cetrano, E., Moscarelli, M., Andò, G., Bertoldo, F., Scaffa, R., . . . Chiariello, L. (2005). Effects of ascending aorta replacement on aortic root dilatation. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, 27(1), 86-89. doi:10.1016/j.ejcts.2004.10.043

Forlani, S., Tomai, F., De Paulis, R., Turani, F., Colella, D. F., Nardi, P., . . . Chiariello, L. (2004). Preoperative shift from glibenclamide to insulin is cardioprotective in diabetic patients undergoing coronary artery bypass surgery. JOURNAL OF CARDIOVASCULAR SURGERY, 45(2), 117-122.

Forlani, S., Moscarelli, M., Scafuri, A., Pellegrino, A., & Chiariello, L. (2003). Combination therapy for prevention of atrial fibrillation after coronary artery bypass surgery: A randomized trial of sotalol and magnesium. Cardiac Electrophysiology Review, 7(2), 168-171. doi:10.1023/A:1027423802701

Dichiarazione

Il sottoscritto dichiara che quanto riportato nel presente curriculum vitae corrisponde al vero ai sensi degli artt. 46 e 47 del D.P.R. 445/2000, consapevole delle responsabilità penali previste in caso di dichiarazioni mendaci.

Autorizzo il trattamento dei dati personali contenuti nel presente curriculum vitae ai sensi del Regolamento UE 2016/679 e del D.Lgs. 196/2003 e successive modifiche e integrazioni.

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