

CURRICULUM VITAE

INFORMAZIONI PERSONALI

Dott. Giuseppe Di Gioia, MD, MSc, PhD, FISC



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TITOLI





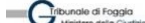

- Medico – Chirurgo
- Specialista in Malattie dell'Apparato Cardiovascolare
- Specialista in Medicina dello Sport
- Dottore di Ricerca in Scienze del Movimento umano e dello Sport
- Master di II livello in Cardiologia dello Sport
- Fellow della Società Italiana di Cardiologia

CAMPI DI APPLICAZIONE

- Cardiologia Clinica,
- Cardiologia dello Sport,
- Medicina dello Sport
- Certificato sportivo non agonistico
- Certificato sportivo agonistico
- Elettrocardiogramma a riposo
- Test da sforzo
- Holter ECG delle 24 ore
- Ecocardiogramma transtoracico dell'adulto
- Bubble Test
- Eco-Color-Doppler dei Tronchi Sovraortici
- Eco-Color-Doppler Arterioso e Venoso degli Arti Inferiori
- Eco-Color-Doppler dell'Aorta Addominale


ESPERIENZE LAVORATIVE

Da Giugno 2016 - attuale		<p>Cardiologo presso il Dipartimento di Medicina dello Sport dell'Istituto di Medicina e Scienza dello Sport "Antonio Venerando" del C.O.N.I., dove esegue valutazioni cardiologiche mediante visita specialistica, ECG, test ergometrico ed ecocardiogramma trans-toracico in atleti Olimpici, atleti di interesse nazionale ed internazionale ed atleti Paralimpici</p> <p>Ha partecipato alle valutazioni dei seguenti eventi internazionali:</p> <ul style="list-style-type: none"> - Olimpiadi di Rio 2016 - Giochi del Mediterraneo di Tarragona 2018 - Olimpiadi invernali di Pyeongchang 2018 - Olimpiadi di Tokyo 2020 - Olimpiadi invernali di Bejiing 2022 - Giochi del Mediterraneo di Orano 2022 - European Games Cracovia 2023 - Olimpiadi di Parigi 2024 - Olimpiadi invernali di Milano-Cortina 2026
Febbraio 2026		Italian Olympic Medical Team @ XXV Giochi Olimpici Invernali Milano-Cortina 2026
Luglio-Agosto 2024		Italian Olympic Medical Team @ XXXIII Giochi Olimpici Estivi Parigi 2024
Giugno 2024		Medical Team @ XXVI Campionati Europei di Atletica Leggera, Roma
Luglio 2023		Medical Team @ European Youth Olympic Festival, EYOF 2023 Maribor, Slovenia
Da Agosto 2016 - 2024		Cardiologo presso Policlinico Universitario Campus Bio-Medico di Roma, dove svolge collaborazione ambulatoriale mediante screening clinico-strumentali di tipo cardiologico e vascolare nell'ambito della prevenzione primaria e secondaria.
Da Agosto 2016 - attuale		Cardiologo presso studio medico privato Di Gioia, Lucera (FG) dove svolge attività di cardiologia e medicina dello sport in ambito provinciale e regionale.
Da Agosto 2016 - attuale		Cardiologo presso Casa di Cura Clinica "Madonna della Fiducia", Roma, dove svolge attività ambulatoriale cardiologica clinico-strumentale.
Novembre 2017		Cardiologo presso IFAD (International Fund for Agricultural Development) dove ha svolto visite cardiologiche specialistiche per il personale dipendente
Giugno 2017		Cardiologo presso Advanced Biotech Laboratories (ABL), Guangzhou, China dove ha svolto valutazioni cardiovascolari tramite visite cliniche e strumentali, in regime ambulatoriale, in prevenzione primaria e per pazienti cardiopatici.

2017-2018- 2019-2020- 2021-2023- 2024		Assistenza medica specialistica come Cardiologo presso Golden Gala di Roma e Firenze "Pietro Mennea"
Gennaio 2017- 2018		Cardiologo presso Poliambulatorio "Gruppo Aesculapius", Foggia dove ha effettuato valutazioni specialistiche diagnostiche non invasive.
Da Febbraio 2013 a Luglio 2016		Medico di Guardia Interdivisionale presso Casa di Cura Pio XI, Roma
Maggio 2016		Assistenza medica specialistica di tipo cardiologico\medicina d'urgenza presso 73° Edizione degli Internazionali di Tennis BNL d'Italia di Roma
Gennaio 2016 - 2018		Consulente tecnico d'ufficio (CTU) presso Tribunale Civile di Foggia
Ottobre 2015		Medical Workcamp presso l'ospedale "Saint Damien" di Ambanja, Madagascar dove ha partecipato allo studio sulla prevalenza della malattia reumatica nella popolazione malgascia
Da Giugno 2011 a Giugno 2016		Specializzando in Malattie dell'Apparato Cardiovascolare presso Policlinico Universitario Campus Bio-Medico di Roma, Roma Direttore di cattedra: Prof. Germano Di Sciascio

STUDI E FORMAZIONE

Gennaio 2023 -		Formatore presso Formazione Olimpica - CONI
Gennaio 2023 - Giugno 2025		Specializzando in Medicina dello Sport presso Institutul National de Medicina Sportiva, "Lia Manoliu", Bucharest, Romania Prof. Anca Ionescu
Ottobre 2022 - Gennaio 2026		Dottorato di Ricerca in "Scienze del Movimento Umano e dello Sport" presso Università degli Studi di Roma "Foro Italico"
Settembre 2022		Master Universitario di II livello in Cardiologia dello Sport presso Università degli Studi di Padova. Referente del corso: Prof. Domenico Corrado
Luglio 2016		Specializzazione in Malattie dell'Apparato Cardiovascolare Presso Università Campus Bio-Medico di Roma, Italia Votazione 50/50 e lode Tesi dal titolo: <i>L'importanza del volume atriale sinistro pre-operatorio sull'outcome clinico e sul remodeling atrio-ventricolare nei pazienti sottoposti a riparazione\ sostituzione valvolare mitralica.</i>
Marzo 2011		Iscrizione all'Ordine dei Medici-Chirurghi e degli Odontoiatri della provincia di Foggia Numero di registrazione 6554.

Febbraio 2011		Abilitazione italiana all'esercizio della professione medica Votazione 270/270 Esame eseguito presso Università Campus Bio-Medico di Roma, Italia
Luglio 2010		Laurea in Medicina e Chirurgia Votazione 110/110 e lode Presso Università Campus Bio-Medico di Roma, Italia Tesi dal titolo: <i>Valutazione clinico-strumentale della malattia coronarica e periferica nei pazienti con insufficienza renale cronica: follow up a 6 anni.</i>
Luglio 2004		Diploma di maturità scientifica Votazione 90/100 Liceo Scientifico, "R. Bonghi - E. Onorato", Lucera (FG) Italia

RUOLI RICOPERTI

Ottobre 2023 – presente: Responsabile dell'Area di Cardiologia per il protocollo di pre-participation screening degli atleti probabili Olimpici.

Gennaio 2026 – presente: Membro del Comitato Scientifico dell'Istituto di Medicina e Scienza dello Sport, CONI.

CERTIFICAZIONI



- Certificazione Socio Aggregato FMSI (Federazione Medico Sportiva Italiana)



- Certificazione di competenza in **Ecocardiografia Transesofagea** rilasciata da European Association of CardioVascular Imaging (E.A.C.V.I.) e European Society of Cardiology (E.S.C.)
- Certificazione di competenza in **Ecocardiografia Transtoracica** rilasciata dalle società European Association of CardioVascular Imaging (E.A.C.V.I.) e European Society of Cardiology (E.S.C.)



- Certificazione di competenza Alta Specialità in **Ecocardiografia Transesofagea** rilasciata dalla società S.I.E.C. (Società Italiana di Ecografia Cardiovascolare)
- Certificazione di competenza in **Ecocardiografia Generale** rilasciata dalla società S.I.E.C.
- Certificazione di competenza in **Ecografia Vascolare** rilasciata dalla società S.I.E.C.






BLS–D (Basic Life Support – Defibrillation) Performer exam, "American Heart Association"

ACLS (Advanced Cardiac Life Support) Performer exam, “American Heart Association”

JOURNAL COLLABORATION

- Novembre 2023, Guest-Editor per Journal of Clinical Medicine (JCM), per la Special Issue “Epidemiology and Effects of Cardiovascular Risk Factors in athletes”.
- February 2025, Guest-Editor per Journal of Clinical Medicine (JCMI), per la Special Issue “Advancements in Diagnostic Innovations in Sports Cardiology”

PREMI – AWARDS e RICONOSCIMENTI

Giugno 2022		Premio “Young Researcher in Sport Cardiology” Venus International Foundation, Chennai, India
Novembre 2023		European Awards in Medicine, Specialty: Sports Medicine, Paris, France.
Dicembre 2023	 SOCIETÀ ITALIANA CARDIOLOGIA	FISC – Fellow of Italian Society of Cardiology
Giugno 2025		Premio Rotary Eccellenze 2025, Lucera (FG), Italia
Novembre 2025		40 under 40 – Business Elite Award, Roma (RM), Italia

PUBBLICAZIONI SCIENTIFICHE

1. **Di Gioia G**, Mega S, Visconti S, Campanale CM, Creta A, Ragni L, Di Sciascio G. Congenital Absence of Left Atrial Appendage in a Patient with Intracranial Hemorrhage. **Am J Case Rep**. 2015 Aug 4;16:514-6.
2. Mangiacapra F, Ricottini E, **Di Gioia G**, Peace A, Patti G, De Bruyne B, Wijns W, Barbato E, Di Sciascio G. Comparison among patients ≥ 75 years having percutaneous coronary angioplasty using drug-eluting stents versus bare metal stents. **Am J Cardiol**. 2015 May 1;115(9):1179-84.
3. R. Melfi, **G. Di Gioia**, G. Di Sciascio. Congenital coronary artery fistulas: three different presentations in catheterization laboratory and review of literature. **Med Imaging Interv Radiol** 2015; 1: e1035. doi: 10.14800/miir.1035.

4. Bressi E, Mangiacapra F, Ricottini E, Cavallari I, Colaïori I, **Di Gioia G**, Creta A, Di Sciascio G. Relation of Neutrophil to Lymphocyte Ratio With Periprocedural Myocardial Damage in Patients Undergoing Elective Percutaneous Coronary Intervention. **Am J Cardiol**. 2016 Oct 1;118(7):980-4.
5. **Di Gioia G**, Campanale CM, Mega S, Ragni L, Creta A, Di Sciascio G. Percutaneous Treatment of Recurrent In-Stent Restenosis of Carotid Artery Stenting: A Case Report and State-of-the-Art Review. **Am J Case Rep**. 2015 Aug 21;16:558-62.
6. **G. Di Gioia**, D. Scordino, C.M. Campanale, M. Miglionico, A. Creta, C. Proscia, L. Ragni, I. Colaïori, G. Di Sciascio. In-stent restenosis after carotid artery stenting: from diagnosis to treatment. **EMJ**. 2016;1[3]:118-124
7. **Di Gioia G**, Mega S, Miglionico M, Di Sciascio G. Large Ostium Primum Interatrial Septum Defect in Asymptomatic Elderly Patient. **J Cardiovasc Echogr**. 2016 Jan-Mar;26(1):16-18.
8. **G. Di Gioia**, F. Mangiacapra, P. Sedati, S. Mega, G. Di Sciascio. Doppler-Ultrasound and computed tomography correlation for quantification of carotid stenosis. **Med Imaging Interv Radiol** 2015; 1: e1032. doi: 10.14800/miir.1032.
9. **Di Gioia G**, Creta A, Campanale CM, Fittipaldi M, Giorgino R, Quintarelli F, Satriano U, Cruciani A, Antinolfi V, Di Bernardino S, Costanzo D, Bettini R, Mangiameli G, Caricato M, Mottini G. ECG is an inefficient screening-tool for left ventricular hypertrophy in normotensive African children population. **PeerJ**. 2016 Sep 7;4:e2439.
10. **Di Gioia G**, Creta A, Fittipaldi M, Giorgino R, Quintarelli F, Satriano U, Cruciani A, Antinolfi V, Di Bernardino S, Costanzo D, Bettini R, Mangiameli G, Caricato M, Mottini G. Effects of Malnutrition on Left Ventricular Mass in a North-Malagasy Children Population. **PLoS One**. 2016 May 3;11(5):e0154523.
11. G. Patti, E. Ricottini, **G. Di Gioia**. La doppia antiaggregazione nelle sindromi coronariche acute: per quale paziente e in quali tempi? **Heart informer**, 2016 April.
12. Campanale CM, **Di Gioia G**, Di Maria S, Marullo F, Fittipaldi M, Creta A, Mega S, Cella E, Farchi F, Angeletti S, Nusca A, Ciccozzi M, Di Sciascio G, Mottini G. Prevalence of Rheumatic Heart Disease in North Madagascar: An echocardiographic screening in young and adult populations. **AMJ** 2017;10(7):620-627.
13. **Di Gioia G**, Mega S, Nenna A, Campanale CM, Colaïori I, Scordino D, Ragni L, Miglionico M, Di Sciascio G. Should pre-operative left atrial volume receive more consideration in patients with degenerative mitral valve disease undergoing mitral valve surgery? **Int J Cardiol**. 2017 Jan 15;227:106-113.
14. Patti G, **Di Gioia G**, Cavallari I, Nenna A. Safety and efficacy of nonvitamin K antagonist oral anticoagulants versus warfarin in diabetic patients with atrial fibrillation: A study-level meta-analysis of phase III randomized trials. **Diabetes Metab Res Rev**. 2017 Mar;33(3).

15. Patti G, Pengo V, Marcucci R, Cirillo P, Renda G, Santilli F, Calabrò P, De Caterina AR, Cavallari I, Ricottini E, Parato VM, Zoppellaro G, **Di Gioia G**, Sedati P, Cicchitti V, Davì G, Golia E, Pariggiano I, Simeone P, Abbate R, Prisco D, Zimarino M, Sofi F, Andreotti F, De Caterina R; Working Group of Thrombosis of the Italian Society of Cardiology. The left atrial appendage: from embryology to prevention of thromboembolism. **Eur Heart J**. 2017 Mar 21;38(12):877-887.
16. Bressi E, Mangiacapra F, Ricottini E, Cavallari I, Colaiori I, **Di Gioia G**, Creta A, Capuano M, Viscusi MM, Di Sciascio G. Impact of Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio on 5-Year Clinical Outcomes of Patients with Stable Coronary Artery Disease Undergoing Elective Percutaneous Coronary Intervention. **J Cardiovasc Transl Res**. 2018 Dec;11(6):517-523.
17. F Mangiacapra, E Bressi, A Creta, **G Di Gioia**, M Aicale, M Capuano, M Viscusi, I Colaiori, L Ragni, G Di Sciascio. Prediction of coronary artery disease with a combined evaluation of peripheral endothelial function and carotid intima-media thickness: a prospective observational study. **European Heart Journal**, Volume 39, Issue suppl_1, August 2018, ehy565. P1527, <https://doi.org/10.1093/eurheartj/ehy565.P1527>
18. Mangiacapra F, Colaiori I, Ricottini E, Creta A, **Di Gioia G**, Cavallari I, Bressi E, Capuano M, Barbato E, Di Sciascio G. Impact of platelet reactivity on 5-year clinical outcomes following percutaneous coronary intervention: a landmark analysis. **J Thromb Thrombolysis**. 2018 May;45(4):496-503.
19. Pelliccia A, Lemme E, Maestrini V, Di Paolo FM, Pisicchio C, **Di Gioia G**, Caselli S. Does Sport Participation Worsen the Clinical Course of Hypertrophic Cardiomyopathy? Clinical Outcome of Hypertrophic Cardiomyopathy in Athletes. **Circulation**. 2018 Jan 30;137(5):531-533
20. Creta A, Arigliani M, **Di Gioia G**, Lapenna R, Quintarelli F, Fittipaldi M, Antinolfi V, Bettini R, Costanzo D, Cruciani A, Di Berardino S, Giorgino R, Satriano U, Mangiameli G, Sut D, Caricato M, Cogo P, Proclemer A, Mottini G, Lambiase PD, Providência R. Impact of Ethnicity on the Prevalence of Early Repolarization Pattern in Children: Comparison Between Caucasian and African Populations. **Pediatr Cardiol**. 2019 Dec;40(8):1553-1558.
21. Quintarelli F, **Di Gioia G**, Creta A, Mangiameli G, Mottini G, Ferrara P. Influence of gender and malnutrition on QT dispersion in a north-Malagasy children population. **Minerva Pediatr**. 2019 Mar 21. doi: 10.23736/S0026-4946.19.05190-9.
22. Mangiacapra F, Bressi E, Viscusi MM, Creta A, **Di Gioia G**, Capuano M, Colaiori I, Di Sciascio G, Ussia GP, Grigioni F. Non-INvasive Functional and Anatomic vascular evaluation for the prediction of coronary artery disease: The NINFA study. **Int J Cardiol**. 2020 Aug 14:S0167-5273(20)33565-8
23. V Maestrini, LI Birtolo, D Filomena, B Di Giacinto, MR Squeo, R Mango, **G Di Gioia**, E Lemme, A Serdoz, A Fallanca, P Severino, G Gualdi, F Fedele, A Pelliccia, A Spataro. Gender difference in extreme cardiac remodelling in endurance olympic athletes assessed by non-contrast CMR. **European Heart Journal - Cardiovascular Imaging**, Volume 22, Issue Supplement_1, January 2021, jeaa356.257, <https://doi.org/10.1093/ehjci/jeaa356.257>

24. Maestrini, V.; Filomena, D.; Birtolo, L.I.; Serdoz, A.; Fiore, R.; Tatangelo, M.; Lemme, E.; Squeo, M.R.; Mango, R.; **Di Gioia, G.**; Fedele, F.; Gualdi, G.; Spataro, A.; Pelliccia, A.; Di Giacinto, B. Systematic Cardiovascular Screening in Olympic Athletes before and after SARS-CoV-2 Infection. *J. Clin. Med.* 2022, 11, 3499. <https://doi.org/10.3390/jcm11123499>
25. M Penza, D Filomena, S Monosilio, L Birtolo, A Serdoz, E Lemme, M Squeo, R Mango, **G Di Gioia**, F Fedele, G Gualdi, A Spataro, A Pelliccia, B Di Giacinto, V Maestrini. Positive CMR findings are associated with polymorphic ventricle arrhythmias and ECG repolarization changes but not with exercises induced arrhythmias in competitive and non-competitive athletes. *European Journal of Preventive Cardiology*, Volume 29, Issue Supplement_1, May 2022, zwac056.279, <https://doi.org/10.1093/eurjpc/zwac056.279>
26. Maestrini V, Penza M, Filomena D, Birtolo LI, Monosilio S, Lemme E, Squeo MR, Mango R, **Di Gioia G**, Serdoz A, Fiore R, Fedele F, Pelliccia A, Di Giacinto B. Low prevalence of cardiac abnormalities in competitive athletes at Return-to-Play after COVID-19. *J Science and Medicine in Sport.* 2022; S1440-2440(22)00466-2. <https://doi.org/10.1016/j.jsams.2022.10.015>
27. Paolucci L, Mangiacapra F, Viscusi MM, Guarino L, Bressi E, Creta A, **Di Gioia G**, Capuano M, Colaioni I, Di Sciascio G, Ussia GP, Grigioni F. Impact of endothelial dysfunction on long-term clinical outcomes in patients with chronic coronary syndromes treated with second generation drug-eluting stent implantation. *Cardiovasc Revasc Med.* 2023 Feb 8:S1553-8389(23)00057-X. doi: 10.1016/j.carrev.2023.02.003. Epub ahead of print. PMID: 36804305.
28. Segreti A, Picarelli F, **DI Gioia G**, Coletti F, Crispino SP, Fanale V, Fossati C, Antonelli Incalzi R, Pigozzi F, Grigioni F. Athlete's heart or heart disease in the athlete? Evaluation by cardiopulmonary exercise testing. *J Sports Med Phys Fitness.* 2023 Mar 23. doi: 10.23736/S0022-4707.23.14536-1. Epub ahead of print. PMID: 36951176.
29. **Di Gioia G**, Maestrini V, Colella A, Mango R, Segreti A, Squeo MR, Lemme E, Pelliccia A. Reversible Apical Hypertrophy in a Young Competitive Athlete with Familiar Hypertrophic Cardiomyopathy. *Am J Case Rep.* 2023 Apr 8;24:e939058. doi: 10.12659/AJCR.939058. PMID: 37029482.
30. Segreti A; Celeski M; Monticelli L.M; Perillo A ; Crispino S.P.; **Di Gioia G**; Cammalleri V; Fossati C; Mega S; Papalia R; Pigozzi F; Ussia GP; Grigioni F; Mitral and Tricuspid Valve Disease in Athletes. *J. Clin.Med.*2023,12,3562. <https://doi.org/10.3390/jcm12103562>
31. **Di Gioia G**, Crispino SP, Monosilio S, Maestrini V, Nenna A, Segreti A, Squeo MR, Lemme E, Ussia GP, Grigioni F, Pelliccia A. Cardiovascular and metabolic effects of hyperbilirubinemia in a cohort of Italian Olympic athletes. *Scand J Med Sci Sports.* 2023 Aug 31. doi: 10.1111/sms.14481. Epub ahead of print. PMID: 37650311.
32. Buzzelli L, Segreti A, Di Gioia D, Lemme E, Squeo MR, Nenna A, **Di Gioia G**. Alternative lipid lowering strategies: State-of-the-art review of red yeast rice. *Fitoterapia.* 2023 Nov 4:105719. doi: 10.1016/j.fitote.2023.105719. Epub ahead of print. PMID: 37931717.

33. **Di Gioia G**, Coletti F, Buzzelli L, Maestrini V, Monosilio S, Segreti A, Squeo MR, Lemme E, Nenna A, Pelliccia A. Influence of the Type of Disability and Sporting Discipline on Lipid Profile in a Cohort of Italian Paralympic Athletes. **Am J Cardiol** 2024;210:107–112
34. Squeo MR, Monosilio S, Gismondi A, Perrone M, Gregorace E, Lemme E, **Di Gioia G**, Mango R, Prosperi S, Spataro A, Maestrini V, Di Giacinto B, Pelliccia A. Periodic health evaluation in athletes competing in Tokyo 2020: from SARS-COV-2 to Olympic medals. **BMJ Open Sport & Exercise Medicine** 2023;9:e001610. <https://doi.org/10.1136/bmjsem-2023-001610>
35. **Di Gioia G**, Buzzelli L, Maestrini V, Nenna A, Monosilio S, Squeo MR, Lemme E, Pelliccia A. Lipid Profile in Olympic Athletes Proposal for a “Lipid Athlete Score” as a Clinical Tool to Identify High-Risk Athletes. **J. Clin. Med.** 2023, 12, 7449. <https://doi.org/10.3390/jcm12237449>
36. **Di Gioia G**, Crispino SP, Maestrini V, Monosilio S, Squeo MR, Lemme E, Nenna A, Luvero D, Angioli R, Pelliccia A. Cardiovascular effects of chronic hormone therapy: study on Olympic female athletes. **Am J Cardiol** 2023 Nov 18:S0002-9149(23)01330-9. doi: 10.1016/j.amjcard.2023.11.032. Epub ahead of print. PMID: 37984634
37. **Di Gioia G**, Polito D, Crispino SP, Maestrini V, Nenna A, Segreti A, Squeo MR, Lemme E, Pelliccia A. Influence of isometric versus isotonic exercise training on right ventricular morpho-functional parameters in Olympic athletes. **Echocardiography**. 2023;1-8. <https://doi.org/10.1111/echo.15731>
38. S Prosperi, S Monosilio, R Ferrara, E Lemme, **G Di Gioia**, R Mango, G Gualdi, M R Squeo, V Maestrini, A Pelliccia, Does right ventricular remodeling in elite athletes persist years after training cessation?, **European Journal of Preventive Cardiology**, Volume 30, Issue Supplement_1, June 2023, zwad125.252, <https://doi.org/10.1093/eurjpc/zwad125.252>
39. S Monosilio, S Prosperi, A Ciuffreda, E Lemme, G Di Gioia, R Mango, G Pedrizzetti, G Tonti, G Gualdi, A Pelliccia, M R Squeo, V Maestrini, Extreme cardiac remodelling observed in elite endurance athletes: analysis of myocardial deformation and estimated hemodynamic forces, **European Journal of Preventive Cardiology**, Volume 30, Issue Supplement_1, June 2023, zwad125.138, <https://doi.org/10.1093/eurjpc/zwad125.138>
40. S Monosilio, S Prosperi, A Ciuffreda, E Lemme, **G Di Gioia**, R Mango, G Tonti, G Pedrizzetti, G Gualdi, A Pelliccia, M R Squeo, V Maestrini, Right ventricle adaptation to high intensity training assessed by cardiac magnetic resonance in olympic athletes, **European Journal of Preventive Cardiology**, Volume 30, Issue Supplement_1, June 2023, zwad125.133, <https://doi.org/10.1093/eurjpc/zwad125.133>
41. S Monosilio, S Prosperi, I L Birtolo, E Lemme, **G Di Gioia**, R Mango, G Gualdi, A Pelliccia, M R Squeo, V Maestrini, Native T1 and T2 mapping by CMR in a cohort of olympic athletes: does sport discipline make difference?, **European Journal of Preventive Cardiology**, Volume 30, Issue Supplement_1, June 2023, zwad125.135, <https://doi.org/10.1093/eurjpc/zwad125.135>
42. D Filomena, S Monosilio, I L Birtolo, M Penza, E Lemme, M R Squeo, **G Di Gioia**, G Tonti, G Pedrizzetti, F Fedele, G Gualdi, A Spataro, A Pelliccia, B Di Giacinto, V Maestrini, Hemodynamic forces in olympic athletes assessed by cardiac magnetic resonance: a new non-invasive screening tool?, **European Journal of Preventive Cardiology**, Volume 29, Issue Supplement_1, May 2022, zwac056.329, <https://doi.org/10.1093/eurjpc/zwac056.329>
43. **G Di Gioia**, L Buzzelli, A Segreti, Left ventricular inferior wall congenital diverticula in athletes: a case series and review of the literature, **Eur Heart Journal - Case Reports**, Vol 8, Issue 2, February 2024, ytae036, <https://doi.org/10.1093/ehjcr/ytae036>

44. **Di Gioia, G.**; Crispino, S.P.; Maestrini, V.; Monosilio, S.; Squeo, M.R.; Lemme, E.; Segreti, A.; Serdoz, A.; Fiore, R.; Zampaglione, D.; Pelliccia A. Prevalence of Hyperuricemia and Associated Cardiovascular Risk Factors in Elite Athletes Practicing Different Sporting Disciplines: A Cross-Sectional Study. **J. Clin. Med.** 2024,13,560. [https://doi.org/ 10.3390/jcm13020560](https://doi.org/10.3390/jcm13020560)
45. **Di Gioia G**, Crispino SP, Monosilio S, Maestrini V, Nenna A, Spinelli A, Lemme E, Squeo MR, Pelliccia A. Left ventricular trabeculation: arrhythmogenic and clinical significance in elite athletes. **J Am Soc Echocardiogr.** 2024 Mar 14:S0894-7317(24)00110-X. doi: 10.1016/j.echo.2024.03.003. Epub ahead of print. PMID: 38492683.
46. Maestrini V, Penza M, Monosilio S, Borrazzo C, Prosperi S, Filomena D, Birtolo LI, Lemme E, Mango R, **Di Gioia G**, Gualdi G, Squeo MR, Pelliccia A. The role of cardiac magnetic resonance in sports cardiology: results from a large cohort of athletes. **Clin Res Cardiol.** 2024 Apr 15. doi: 10.1007/s00392-024-02447-w. Epub ahead of print. PMID: 38619578.
47. **Di Gioia, G.**, Crispino, S.P., Maestrini, V., Monosilio, S., Ortolina D., Segreti A., Squeo MR., Lemme E., Nenna A., Pelliccia A. Lack of cardiac remodelling in elite endurance athletes: an unexpected and not so rare finding. **Eur J Appl Physiol** (2024). <https://doi.org/10.1007/s00421-024-05489-0>
48. **Di Gioia, G.**, Vespasiano, F., Mango, F., Maestrini, V., Monosilio, S., Squeo, MR., Lemme, E., Bernardi, M., Pelliccia, A. Cardiovascular Risk Profile in Master Paralympic Athletes, a High-Risk Undertreated Population: A Cross-Sectional Longitudinal Study. **High Blood Press Cardiovasc Prev** (2024). <https://doi.org/10.1007/s40292-024-00648-y>
49. **Di Gioia, G.**, Buzzelli, L., Ferrera, A., Squeo, MR., Lemme, E., Pelliccia, A. Differences Between Afro-Caribbean and White Caucasian Olympic Athletes in Plasma Lipids Profile: A Cross-Sectional Single Center Study. **High Blood Press Cardiovasc Prev** (2024). <https://doi.org/10.1007/s40292-024-00654-0>
50. **Di Gioia, G.**; Ferrera, A.; Maestrini, V.; Monosilio, S.; Squeo, M.R.; Lemme, E.; Nenna, A.; Calaciura Clarich, S.; Crotta, S.; Pelliccia, A. Cardiac Adaptation in Power Athletes: Differential Impact of Judo and Weightlifting. **J. Clin. Med.** 2024,13,3336. [https://doi.org/ 10.3390/jcm13113336](https://doi.org/10.3390/jcm13113336)
51. D Ortolina, **G Di Gioia**, V Maestrini, S Monosilio, M R Squeo, E Lemme, A Serdoz, D Zampaglione, R Fiore, A Pelliccia, The use of myocardial work index for the evaluation of elite endurance athletes with lower ejection fraction, **European Journal of Preventive Cardiology**, Volume 31, Issue Supplement_1, June 2024, zwae175.272, <https://doi.org/10.1093/eurjpc/zwae175.272>
52. **G Di Gioia**, V Maestrini, S Monosilio, E Lemme, M R Squeo, L Buzzelli, A Serdoz, D Zampaglione, R Fiore, A Pelliccia, Effects of thyroid ft3 levels on exercise induced remodelling in elite athletes practicing different sporting disciplines, **European Journal of Preventive Cardiology**, Volume 31, Issue Supplement_1, June 2024, zwae175.255, <https://doi.org/10.1093/eurjpc/zwae175.255>
53. **G Di Gioia**, V Maestrini, S Monosilio, E Lemme, M R Squeo, A Serdoz, D Zampaglione, R Fiore, G Paoletti, A Pelliccia, Effects of dyslipidemia on endothelial morpho-functional parameters in a cohort of elite athletes practicing different sporting disciplines, **European Journal of Preventive Cardiology**, Volume 31, Issue Supplement_1, June 2024, zwae175.358, <https://doi.org/10.1093/eurjpc/zwae175.358>
54. **G Di Gioia**, M R Squeo, E Lemme, G Paoletti, V Maestrini, S Monosilio, A Serdoz, R Fiore, D Zampaglione, A Pelliccia, Athlete's artery: brachial vascular remodeling in elite athletes practicing different sporting disciplines, **European Journal of Preventive Cardiology**, Volume 31, Issue Supplement_1, June 2024, zwae175.278, <https://doi.org/10.1093/eurjpc/zwae175.278>

55. **G Di Gioia**, D Ortolina, V Maestrini, S Monosilio, M R Squeo, E Lemme, A Serdoz, R Fiore, D Zampaglione, A Pelliccia, Myocardial work index in endurance athletes with lack of expected left ventricular eccentric hypertrophy remodelling, **European Journal of Preventive Cardiology**, Volume 31, Issue Supplement_1, June 2024, zwae175.257, <https://doi.org/10.1093/eurjpc/zwae175.257>
56. Celeski M, Segreti A, Piscione M, Monticelli LM, **Di Gioia G**, Fossati C, Ussia GP, Pigozzi F, Grigioni F. The current paradigm of cardiac troponin increase among athletes. **Monaldi Arch Chest Dis**. 2024 Apr 30. doi: 10.4081/monaldi.2024.2878. Epub ahead of print. PMID: 38700130.
57. Monosilio S, Spinelli A, Prosperi S, Lemme E, Mango R, **Di Gioia G**, Tonti G, Pedrizzetti G, Gualdi G, Squeo MR, Pelliccia A, Maestrini V. Excessive Left Ventricular Trabeculation in Olympic Athletes: Is It a Matter of Ventricular Function?, **Journal of Cardiovascular Magnetic Resonance**, Volume 26, Supplement 1, 2024, 100876, ISSN 1097-6647, <https://doi.org/10.1016/j.jocmr.2024.100876>.
58. Valente D, Segreti A, Celeski M, Polito D, Vicchio L, **Di Gioia G**, Ussia GP, Antonelli-Incalzi R, Grigioni F. Electrocardiographic alterations in chronic obstructive pulmonary disease. **Journal of Electrocardiology**, 2024, ISSN 0022-0736, <https://doi.org/10.1016/j.jelectrocard.2024.05.083>
59. S Monosilio, A Spinelli, S Prosperi, E Lemme, **G Di Gioia**, R Mango, G Tonti, G Pedrizzetti, G Gualdi, M R Squeo, A Pelliccia, V Maestrini, Hyper-trabeculation in olympic athletes: advanced LV function analysis by CMR, **European Journal of Preventive Cardiology**, Volume 31, Issue Supplement_1, June 2024, zwae175.259, <https://doi.org/10.1093/eurjpc/zwae175.259>
60. Mistrulli, R.; Ferrera, A.; Salerno, L.; Vannini, F.; Guida, L.; Corradetti, S.; Addeo, L.; Valcher, S.; **Di Gioia, G.**; Spera, F.R.; et al. Cardiomyopathy and Sudden Cardiac Death: Bridging Clinical Practice with Cutting-Edge Research. **Biomedicines** 2024,12,1602. <https://doi.org/10.3390/biomedicines12071602>
61. **Di Gioia, G.**; Squeo, M.R.; Lemme, E.; Maestrini, V.; Monosilio, S.; Ferrera, A.; Buzzelli, L.; Valente, D.; Pelliccia, A. Association between FT3 Levels and Exercise-Induced Cardiac Remodeling in Elite Athletes. **Biomedicines** 2024,12,1530. <https://doi.org/10.3390/biomedicines12071530>
62. **Di Gioia G**, Buzzelli L, Maestrini V, Squeo MR, Lemme E, Monosilio S, Serdoz A, Fiore R, Zampaglione D, Segreti A, Pelliccia A. Long-Term Evaluation of Lipid Profile Changes in Olympic Athletes. **Int J Sport Nutr Exerc Metab**. 2024 Jun 25:1-8. doi: 10.1123/ijsnem.2023-0266. Epub ahead of print. PMID: 38917988.
63. Celeski, M.; **Di Gioia, G.**; Nusca, A.; Segreti, A.; Squeo, M.R.; Lemme, E.; Mango, F.; Ferrera, A.; Ussia, G.P.; Grigioni, F. The Spectrum of Coronary Artery Disease in Elite Endurance Athletes—A Long-Standing Debate: State-of-the-Art Review. **J. Clin. Med**. 2024, 13, 5144. <https://doi.org/10.3390/jcm13175144>
64. Prosperi S, Monosilio S, Spinelli A, Lemme E, **Di Gioia G**, Mango R, Gualdi G, Squeo MR, Pelliccia A, Maestrini V. CMR Mapping Techniques Evaluation in a Cohort of Olympic Athletes, **Journal of Cardiovascular Magnetic Resonance**, Volume 26, Supplement 1, 2024, 100896, ISSN 1097-6647, <https://doi.org/10.1016/j.jocmr.2024.100896>.
65. Celeski M, Segreti A, Polito D, Valente D, Vicchio L, **Di Gioia G**, Ussia GP, Incalzi RA, Grigioni F. Traditional and Advanced Echocardiographic Evaluation in Chronic Obstructive Pulmonary Disease: The Forgotten Relationship. **Am J Cardiol**. 2024 Feb 25:S0002-9149(24)00131-0. doi: 10.1016/j.amjcard.2024.02.022. Epub ahead of print. PMID: 38412881.

66. **Di Gioia G**, Vespasiano F, Maestrini V, Monosilio S, Segreti A, Lemme E, Squeo MR, Serdoz A, Pelliccia A. Determinants of supraventricular extra beats in elite athletes practicing different sporting disciplines. *J Cardiovasc Med* (Hagerstown). 2024 Aug 26. doi: 10.2459/JCM.0000000000001657. Epub ahead of print. PMID: 39225052.
67. **Di Gioia G**, Ferrera A, Maestrini V, Monosilio S, Fiore R, Squeo MR, Pelliccia A. Revealing the unrevealed: echocardiography for non-ischemic scar tissue detection. *J Sports Med Phys Fitness*. 2024 Sep 3. doi: 10.23736/S0022-4707.24.16267-6. Epub ahead of print. PMID: 39225027. PDF
68. Prosperi S, Monosilio S, Lemme E, Filomena D, Penza M, Birtolo LI, Mango R, **Di Gioia G**, Gualdi G, Squeo MR, Pelliccia A, Maestrini V. CMR native T1 and T2 Mapping in Olympic athletes: the influence of sport discipline and sex. *Eur Heart J Cardiovasc Imaging*. 2024 Sep 23:jeae247. doi: 10.1093/ehjci/jeae247. Epub ahead of print. PMID: 39307539.
69. Fanale, V.; Segreti, A.; Fossati, C.; **Di Gioia, G.**; Coletti, F.; Crispino, S.P.; Picarelli, F.; Antonelli Incalzi, R.; Papalia, R.; Pigozzi, F.; Grigioni, F. Athlete's ECG Made Easy: A Practical Guide to Surviving Everyday Clinical Practice. *J. Cardiovasc. Dev. Dis.* 2024, *11*, 303. <https://doi.org/10.3390/jcdd11100303>
70. **Di Gioia, G.**; Ferrera, A.; Vespasiano, F.; Maestrini, V.; Monosilio, S.; Lemme, E.; Serdoz, A.; Mango, F.; Casciani, E.; Pelliccia, A.; Squeo, MR. Insight on Exercise-Induced Heart Remodeling in Different Track and Field Disciplines. *J. Clin. Med.* 2024, *13*, 6027. <https://doi.org/10.3390/jcm13206027>
71. Crispino, S.P.; Segreti, A.; Ciancio, M.; Polito, D.; Guerra, E.; **Di Gioia, G.**; Ussia, G.P.; Grigioni, F. The Complementary Role of Cardiopulmonary Exercise Testing in Coronary Artery Disease: From Early Diagnosis to Tailored Management. *J. Cardiovasc. Dev. Dis.* 2024, *11*, 357. <https://doi.org/10.3390/jcdd11110357>
72. Squeo, Maria Rosaria; Spinelli, Alessandro; Monosilio, Sara; Menichini, Ilaria; Crotta, Simone; **Giuseppe, Di Gioia**; Lemme, Erika; Maestrini, Viviana; Serdoz, Andrea; Pelliccia, Antonio. Use Of Cpet In Routine Pre-participation Screening: Results From The Italian Experience On A Large Cohort Of Olympic Athletes: 3202. *Medicine & Science in Sports & Exercise* 56(10S):p 729-730, October 2024. | DOI: 10.1249/01.mss.0001058808.41058.5a
73. S Monosilio, A Ferrera, D Ortolina, **G Di Gioia**, S Prosperi, E Lemme, L Netti, R Mango, G Tonti, G Pedrizzetti, G Gualdi, A Pelliccia, M R Squeo, V Maestrini, Unveiling a hide side of the athlete's heart: a CMR focus on the left atrium., *European Heart Journal*, Volume 45, Issue Supplement_1, October 2024, ehae666.3002, <https://doi.org/10.1093/eurheartj/ehae666.3002>
74. **Di Gioia, G.**; Ferrera, A.; Celeski, M.; Mistrulli, R.; Lemme, E.; Mango, F.; Squeo, M.R.; Pelliccia, A. Lipid Accumulation Product and Cardiometabolic Index as Effective Tools for the Identification of Athletes at Risk for Metabolic Syndrome. *Life* 2024, *14*, 1452. <https://doi.org/10.3390/life14111452>
75. **Di Gioia G**, Ferrera A, Maestrini V, Monosilio S, Squeo MR, Lemme E, Serdoz A, Mango F, Pelliccia A. Abnormal blood pressure response to exercise and ventricular arrhythmias: a suspicious association in athletes. *J Hypertens*. 2024 Nov 28. Doi:10.1097/HJH.0000000000003936. Epub ahead of print. PMID: 39625053.
76. Celeski M, Segreti A, Crisci F, Cricco R, Piscione M, **Di Gioia G**, Nusca A, Fossati C, Pigozzi F, Ussia GP, Solaro RJ, Grigioni F. The role of cardiac troponin and other emerging biomarkers among athletes and beyond: underlying mechanisms, differential diagnosis, and guide for interpretation. *Biomolecules*. 2024, *14*, 1630. <https://doi.org/10.3390/biom14121630>.

77. **Di Gioia G**, Segreti A, Celeski M, Crispino SP, Buzzelli L, Mango F, Ferrera A, Squeo MR, Vespasiano F, Ussia GP, Grigioni F. Female athletes: a state-of-the-art review of multiorgan influence of exercise training. *J Sports Med Phys Fitness*. 2025;65:000-000. DOI: 10-23736/S0022-4707.24.16265-2
78. **Di Gioia, G.**, Buzzelli, L., Ferrera, A. Maestrini, V., Squeo, MR., Lemme, E., Monosilio, S. Serdoz, A., Pelliccia A. Influence of Persistently Elevated LDL Values on Carotid Intima Media Thickness in Elite Athletes. *High Blood Press Cardiovasc Prev* (2025). <https://doi.org/10.1007/s40292-024-00698-2>
79. Celeski, Mihail, Andrea Segreti, Annunziata Nusca, **Giuseppe Di Gioia**, Raffaele Rinaldi, Gian Paolo Ussia, and Francesco Grigioni. 2025. Cardiac Involvement of Gorlin-Goltz Syndrome: New Light Among the Shadows of an Old Congenital Disorder. *Monaldi Archives for Chest Disease*, February. <https://doi.org/10.4081/monaldi.2025.3251>.
80. Monosilio S, Prosperi S, Filomena D, Lemme E, **Di Gioia G**, Mango R, Netti L, Tonti G, Pedrizzetti G, Gualdi G, Squeo MR, Pelliccia A, Maestrini V. Cardiac Magnetic Resonance Feature-Tracking in Olympic Athletes: a myocardial deformation analysis. *Eur J Prev Cardiol*. 2025 Feb 6:zwaf042. doi: 10.1093/eurjpc/zwaf042. Epub ahead of print. PMID: 39910863.
81. **Di Gioia, G.**, Ferrera, A., Serdoz, A. Zampaglione D, Fiore R, Spinelli A, Lemme E, Squeo MR. Athlete's blood: sport category specific hematological adaptations in a large cohort of Olympic athletes. *Sport Sci Health* (2025). <https://doi.org/10.1007/s11332-025-01372-3>
82. Squeo, M.R., Ferrera, A., **Di Gioia, G.**, Mango F., Maestrini V., Monosilio S., Lemme E., Crotta S., Spinelli A., Serdoz A., Fiore R., Zampaglione D., Daniello CD., Volpe M., Bernardi M., Pelliccia A. Pre-participation Cardiovascular Evaluation for Paris 2024 Olympic Games in Elite Athletes: The Italian Experience. *High Blood Press Cardiovasc Prev* (2025). <https://doi.org/10.1007/s40292-025-00709-w>
83. **Di Gioia G**, Ferrera A, Maestrini V, Monosilio S, Serdoz A, Nenna A, Mango F, Squeo MR, Pelliccia A. Correlation between workload-indexed blood pressure response to exercise (SBP/MET slope) and clinical and echocardiographic parameters among normotensive Olympic athletes. *Int J Cardiol*. 2025 Mar 17:133171. doi: 10.1016/j.ijcard.2025.133171. Epub ahead of print. PMID: 40107386.
84. Squeo MR, Menichini I, Morviducci M, Spinelli A, **Di Gioia G**, Maestrini V, Neder JA, Palange P. Exercise ventilatory efficiency in elite athletes assessed for the Paris 2024 Olympic Games: The effect of sex and sport categories. *Physiol Rep*. 2025 Apr;13(7):e70261. doi: 10.14814/phy2.70261. PMID: 40176468.
85. **Di Gioia G**, Maestrini V, Monosilio S, Squeo MR, Lemme E, Ortolina D, Nenna A, Pelliccia A. Differences Between Olympic and National Athletes: Training and Experience Are the Keys to Success. *Clin J Sport Med*. 2025 Apr 8. doi: 10.1097/JSM.0000000000001359. Epub ahead of print. PMID: 40197420.
86. **Di Gioia, G.**, Vespasiano, F., Celeski, M. Luvero, D., Crispino, SP., Mango, F., Buzzelli, L., Segreti, A. Angioli, R., Ussia, GP., Grigioni, F., Squeo, MR.. From menstrual cycle to pregnancy and motherhood: the tough path to be a female athlete. *Sport Sci Health* (2025). <https://doi.org/10.1007/s11332-025-01397-8>
87. **Di Gioia, G.**; Ferrera, A.; Serdoz, A.; Spinelli, A.; Fiore, R.; Buzzelli, L.; Zampaglione, D.; Squeo, M.R. How to Evaluate Kidney Function in Elite Endurance Athletes: Pros and Cons of Different Creatinine-Based Formulas. *J. Clin. Med*. 2025, 14, 2955. <https://doi.org/10.3390/jcm14092955>

88. **G. Di Gioia**, F. Vespasiano, A. Ferrera, A. Segreti, E. Lemme, M.R. Squeo, Athlete's artery: Brachial vascular remodeling in elite athletes practicing different sporting disciplines, **Science & Sports**, 2025, ,ISSN 0765-1597, <https://doi.org/10.1016/j.scispo.2024.12.006>.
89. **Di Gioia, G.**, Ferrera, A., Mango, F., Ortolina D., Maestrini V., Monosilio S., Paoletti G., Lemme E., Squeo MR., Pelliccia A. Correlation between myocardial work indices and main echocardiographic and cardiopulmonary exercise stress test parameters in Olympic endurance athletes. **Eur J Appl Physiol** (2025). <https://doi.org/10.1007/s00421-025-05801-6>
90. **Di Gioia G**, Squeo MR, Daniello CD, Ferrera A, Maestrini V, Monosilio S, Mango F, Paoletti G, Serdoz A, Pelliccia A. Exploring the Hidden Side of Ventricular Arrhythmias in Elite Athletes With Structural Normal Hearts. **Circ Arrhythm Electrophysiol**. 2025 May 13:e013807. doi: 10.1161/CIRCEP.125.013807. Epub ahead of print. PMID: 40357550.
91. **Di Gioia G**, Ferrera A, Mango F, Maestrini V, Monosilio S, Pelliccia A, Squeo MR. The spectrum of eccentric left ventricular hypertrophy in endurance sports disciplines. **Int J Cardiovasc Imaging**. 2025 May 26. doi: 10.1007/s10554-025-03430-w. Epub ahead of print. PMID: 40419828.
92. Ashikaga, K.; Perrone, M.A.; Gianfelici, A.; Ortolina, D.; Crotta, S.; Spinelli, A.; Monosilio, S.; **Di Gioia, G.**; Maestrini, V.; Squeo, M.R.; Pelliccia, A. Reticulocyte Count and Exercise Performance in Elite Athletes: A Retrospective Study. **Sports** 2025, 13, 169. <https://doi.org/10.3390/sports13060169>
93. Squeo, M.R.; Ferrera, A.; Monosilio, S.; Spinelli, A.; Maestrini, V.; Mango, F.; Serdoz, A.; Zampaglione, D.; Fiore, R.; Pelliccia, A.; **Di Gioia, G.** Cardiopulmonary Exercise Testing in Elite Athletes: Rethinking Sports Classification. **J. Clin. Med**. 2025, 14, 4655. <https://doi.org/10.3390/jcm14134655>
94. Pelliccia A, Squeo MR, Ferrera A, Maestrini V, Monosilio S, Mango F, Serdoz A, **Di Gioia G**. 2020 ESC sport disciplines classification: a proposal for an update. **Eur J Prev Cardiol**. 2025 Jun 26:zwaf385. doi: 10.1093/eurjpc/zwaf385. Epub ahead of print. PMID: 40570021.
95. Ferrera A, **Di Gioia G**, Spinelli A, Fiore R, Zampaglione D, Serdoz A, Squeo MR. Blood test findings in a large cohort of Olympic athletes: a cross-sectional study. **J Sci Med Sport**. 2025 Jul 8:S1440-2440(25)00192-6. doi: 10.1016/j.jsams.2025.07.002. Epub ahead of print. PMID: 40681409.
96. Monosilio S, Prosperi S, Netti L, Filomena D, **Di Gioia G**, Pedrizzetti G, Tonti G, Casciani E, Gualdi G, Squeo MR, Pelliccia A, Maestrini V. A novel insight into the athlete's heart: Hemodynamic forces evaluation by cardiovascular magnetic resonance. **Int J Cardiol**. 2025 Aug 12:133773. doi: 10.1016/j.ijcard.2025.133773. Epub ahead of print. PMID: 40812625.
97. **Di Gioia G**, Squeo MR, Ferrera A, Monosilio S, Mango F, Ortolina D, Maestrini V, Spera FR, Pelliccia A. Predominant atrial remodeling in elite endurance athletes: a rare and un-investigated type of athlete's heart? **Int J Cardiovasc Imaging**. 2025 Aug 27. doi: 10.1007/s10554-025-03503-w. Epub ahead of print. PMID: 40864388.

98. **Di Gioia G**, Ferrera A, Ortolina D, Pelliccia A, Squeo MR. Myocardial work index as a marker for physiologic cardiac remodeling in elite endurance athletes. *Int J Cardiol.* 2025 Sep 4;442:133863. doi: 10.1016/j.ijcard.2025.133863. Epub ahead of print. PMID: 40914509.
99. **Di Gioia G**, Ferrera A, Squeo MR, Spera FR, Maestrini V, Monosilio S, Mango F, Paoletti G, Serdoz A, Pelliccia A. Right and Left Atrial Strain by Speckle Tracking Echocardiography: Sex Differences and Correlation with Cardiorespiratory Fitness in Olympic Athletes. *J Am Soc Echocardiogr.* 2025 Sep 12:S0894-7317(25)00519-X. doi: 10.1016/j.echo.2025.09.002. Epub ahead of print. PMID: 40946815.
100. Celeski M, Lavisci P, Loddo EB, Calandri C, Kowalczyk J, Ferrera A, Crotta S, Rizzi M, Sposato B, Volterrani M, Buzzelli L, Mistrulli R, Jansiti P, Desiderio V, Squeo MR, **Di Gioia G**. Fit but not immune from the risk: the hidden burden of dyslipidemia in elite athletes. *Eur J Prev Cardiol.* 2025 Sep 22:zwaf607. doi: 10.1093/eurjpc/zwaf607. Epub ahead of print. PMID: 40982538.
101. Spinelli, A.; Monosilio, S.; **Di Gioia, G.**; Pedrizzetti, G.; Tonti, G.; Daniello, C.D.; Squeo, M.R.; Pelliccia, A.; Maestrini, V. Hypertrabeculation in Olympic Athletes: Advanced LV Function Analysis by CMR. *J. Cardiovasc. Dev. Dis.* 2025, 12, 388. <https://doi.org/10.3390/jcdd12100388>
102. Squeo MR, Ferrera A, **Di Gioia G**, Triolo C, Serdoz A, Mango F, Maestrini V, Monosilio S, Dutti GM, Spinelli A, Fiore R, Zampaglione D, Paoletti G, Crotta S, Santoro G, Volpe M, Pelliccia A, Bernardi M. Cardiovascular Pre-participation Evaluation of Athletes with an Impairment Recruited for Paris 2024 Paralympic Games. *High Blood Press Cardiovasc Prev.* 2025 Oct 14. doi: 10.1007/s40292-025-00740-x. Epub ahead of print. PMID: 41085952.
103. **Di Gioia G**, Ferrera A, Maestrini V, Monosilio S, Mango F, Ortolina D, Pelliccia A, Squeo MR. Myocardial work indexes in elite athletes: An emerging echocardiographic tool to confirm physiologic cardiac remodeling in elite athletes with mildly reduced systolic function. *Am Heart J.* 2025 Sep 8;292:107271. doi: 10.1016/j.ahj.2025.09.003. Epub ahead of print. PMID: 40930242.
104. **Di Gioia, G.**; Squeo, M.R.; Ferrera, A.; Macori, L.; Rigillo, M.; Spada, R.; Pelliccia, A. The Impact of Body Surface Area on Morpho-Functional and Cardiometabolic Parameters in a Large Cohort of Olympic Athletes: Distinct Bodies, Distinct Physiology. *J. Funct. Morphol. Kinesiol.* 2025, 10, 405. <https://doi.org/10.3390/jfmk10040405>
105. Palermi A, Vecchiato M, **Di Gioia G**, Perone F, Tse G, Gallina S, De Luca M, Graziano F, Zorzi A, Tsampasian V, Marketou M, Biffi A, Palermi S. Vademecum for the Physician Evaluating a Master Athlete. *Curr Atheroscler Rep.* 2025 Dec 3;27(1):120. doi: 10.1007/s11883-025-01370-3. PMID: 41335378.
106. **Di Gioia G**, Squeo MR, Ferrera A, Crotta S, Desiderio V, Maestrini V, Monosilio S, Mango F, Spera FR, Pelliccia A. Clinical Outcome in Athletes With Ventricular Ectopic Beats and Normal Cardiac MRI: Preliminary Results of a Longitudinal Study. *JACC Clin Electrophysiol.* 2025 Dec 8:S2405-500X(25)00897-7. doi: 10.1016/j.jacep.2025.10.018. Epub ahead of print. PMID: 41389052.
107. **Di Gioia G**, Squeo MR, Ferrera A, Spera FR, Maestrini V, Monosilio S, Mango F, Paoletti G, Serdoz A, Bernardi M, Pelliccia A. Athlete's Heart or Heart at Risk? Cardiac Remodeling and Exercise-

Induced Ventricular Arrhythmias in Elite Athletes. *Circ Arrhythm Electrophysiol*. 2025 Dec 22:e014143. doi: 10.1161/CIRCEP.125.014143. Epub ahead of print. PMID: 41424268.

108. Pelliccia A, **Di Gioia G**, Squeo MR. Expanding our understandings of the exercise-induced cardiac remodelling: the "recreational athlete's heart". *Eur J Prev Cardiol*. 2026 Jan 5:zwag001. doi: 10.1093/eurjpc/zwag001. Epub ahead of print. PMID: 41486872.

PRESENTAZIONI CONGRESSI NAZIONALI ED INTERNAZIONALI

1. D. Ortolina, **G. Di Gioia**, V. Maestrini, S. Monosilio, MR. Squeo, E. Lemme, A. Serdoz, D. Zampaglione, R. Fiore, A. Pelliccia. The use of myocardial work index for the evaluation of elite endurance athletes with lower ejection fraction. Presented as moderated poster at ESC Preventive Cardiology 2024, Athens, 25-27th April, 2024.
2. **G. Di Gioia**, D. Ortolina, V. Maestrini, S. Monosilio, MR. Squeo, E. Lemme, A. Serdoz, R. Fiore, D. Zampaglione, A. Pelliccia. Myocardial work index in endurance athletes with lack of expected left ventricular eccentric hypertrophy remodelling. Presented as moderated poster at ESC Preventive Cardiology 2024, Athens, 25-27th April, 2024.
3. **G. Di Gioia**, V. Maestrini, S. Monosilio, E. Lemme, MR. Squeo, L. Buzzelli, A. Serdoz, D. Zampaglione, R. Fiore, A. Pelliccia. Effects of thyroid ft3 levels on exercise induced remodelling in elite athletes practicing different sporting disciplines. Presented as moderated poster at ESC Preventive Cardiology 2024, Athens, 25-27th April, 2024.
4. **G. Di Gioia**, MR. Squeo, E. Lemme, G. Paoletti, V. Maestrini, S. Monosilio, A. Serdoz, R. Fiore, D. Zampaglione, A. Pelliccia. Athlete's artery: brachial vascular remodeling in elite athletes practicing different sporting disciplines. Presented as moderated poster at ESC Preventive Cardiology 2024, Athens, 25-27th April, 2024.
5. **G. Di Gioia**, V. Maestrini, S. Monosilio, E. Lemme, MR. Squeo, A. Serdoz, D. Zampaglione, R. Fiore, G. Paoletti, A. Pelliccia. Effects of dyslipidemia on endothelial morpho-functional parameters in a cohort of elite athletes practicing different sporting disciplines. Presented as moderated abstract at ESC Preventive Cardiology 2024, Athens, 25-27th April, 2024.
6. **G. Di Gioia**, SP Crispino, S Monosilio, V Maestrini, A Nenna, MR Squeo, E Lemme, A Pelliccia. Lack of expected cardiac remodelling in elite athletes: a parameter for tailored training and potential performance improvement? Presented as E-abstract at 84° Congresso Nazionale SIC, Roma, Dicembre 2023
7. **G. Di Gioia**, F Coletti, L Buzzelli, V Maestrini, S Monosilio, A Segreti, MR Squeo, E Lemme, A Nenna, A Pelliccia. Influence of type of disability and sporting discipline on lipid profile in a cohort of Italian Paralympic athletes. Presented as E-abstract at 84° Congresso Nazionale SIC, Roma, Dicembre 2023
8. **G Di Gioia**; SP Crispino, V Maestrini, MR Squeo, E Lemme, D Luvero, R Angioli, A Pelliccia. Protective cardiovascular effects of chronic hormone therapy in Olympic female athletes. Presented as Poster at SIC Sport Congress, Roma, Ottobre 2023
9. **G Di Gioia**; L Buzzelli, V Maestrini, A Nenna, A Segreti, MR Squeo, E Lemme, A Pelliccia. Lipid profile in Olympic athletes: proposal for a "Lipid Athletes Score" as clinical tool to identify high-risk athletes. Presented as Poster at SIC Sport Congress, Roma, Ottobre 2023

10. A. Nenna, **G. Di Gioia**, S. Mega, A. Creta, M. Miglionico, L. Ragni, A. Nusca, G. Di Sciascio. Long-term echocardiographic evaluation of mitral durability and left atrio-ventricular reverse remodeling after mitral valve repair: an observational comparison study between robotic and mini-thoracotomy surgical approaches. Presented at 77° Congresso Nazionale SIC, Roma, Dicembre 2016.
11. A. Nusca, **G. Di Gioia**, A. Creta, F. Bevilacqua, A. Lauria Pantano, S. Manfrini, E. Ricottini, C. Cavallaro, M. Albano, P. Pozzilli, G. Di Sciascio. Correlation between thyroid dysfunction and periprocedural myocardial events. Presented at 77° Congresso Nazionale SIC, Roma, Dicembre 2016.
12. A. Creta, A. Nusca, **G. Di Gioia**, F. Bevilacqua, G. Falasconi, I. Colaioni, P. Gallo, F. Mangiacapra, R. Melfi, M. Miglionico, E. Ricottini, G. Di Sciascio. Predictive value of hypothyroidism in patients undergoing percutaneous coronary intervention. Poster presented at 37° GISE congress, Genova, Ottobre 2016
13. **G. Di Gioia**, S. Mega, A. Nenna, F. Musumeci, M. Miglionico, G. Di Sciascio. The importance of pre-operative left atrial volume on early and late outcome and left atrio-ventricular reverse remodeling in patients undergoing mitral surgery for mitral valve prolapse. Poster presented at ESC congress, Rome, August 27-31th, 2016; Congress Acta
14. **G. Di Gioia**, A. Creta, M. Fittipaldi, R. Giorgino, F. Quintarelli, U. Satriano, A. Cruciani, V. Antinolfi, S. Di Bernardino, D. Costanzo, G. Mottini. ECG is an inefficient screening-tool for left ventricular hypertrophy in normotensive african children population. Presented at ESC congress, Rome, August 27-31th, 2016; Congress Acta
15. Mangiacapra F, **Di Gioia G.**, Ricottini E, Peace A, Patti G, De Bruyne B, Wijns W, Barbato E, Di Sciascio G. "Percutaneous coronary angioplasty in elderly patients: net benefit from drug eluting stents versus bare metal stents". Presented at EURO PCR, Paris May 19-22, 2015; Congress Acta.
16. **G. Di Gioia**, A. Creta, S. Mega, CM. Campanale, L. Ragni and G. Di Sciascio. "Endocardite tardiva da Candida su valvola aortica protesica complicata da occlusione dell'arteria cerebrale media". Poster presented at the "XVII Congresso Nazionale della Società Italiana di Ecografia Cardiovascolare, S.I.E.C., Naples April, 16 – 18, 2015. Congress Acta.
17. A. Creta, **G. Di Gioia**, CM. Campanale, MC. Bono, S. Mega, C. Goffredo and G. Di Sciascio. "Imaging cardiaco dell'aneurisma ventricolare post-infartuale". Poster presented at the "XVII Congresso Nazionale della Società Italiana di Ecografia Cardiovascolare, S.I.E.C., Naples April, 16 – 18, 2015. Congress Acta.
18. MC. Campanale, **G. Di Gioia**, A. Creta, S. Mega and G. Di Sciascio. "Malattia valvolare reumatica: una malattia dimenticata?". Poster presented at the "XVII Congresso Nazionale della Società Italiana di Ecografia Cardiovascolare, S.I.E.C., Naples April, 16 – 18, 2015. Congress Acta.
19. **G. Di Gioia**. "Nuovi paradigmi nel trattamento della restenosi intrastent: i palloni medicati (case report)". CBM Cardio 2014, Rome, April 11, 2014; Congress Acta
20. **G. Di Gioia**, F. Mangiacapra, C. Goffredo, P. Sedati, S. Mega, L. D'Antonio, M.C. Bono, A. D'Ambrosio, G. Patti and G. Di Sciascio, "Doppler ultrasound and computed tomography imaging for quantification of stenosis degree in carotid artery disease: correlation between different techniques" Presented at the "34th National Congress Italian Society of Invasive Cardiology", Genova October, 9-11, 2013; Congress acta
21. CM. Campanale, R. Contuzzi, **G. Di Gioia**, A. D'Ambrosio, G. Patti, and G. Di Sciascio. "Multiple recurrent in-

- stent restenosis of internal carotid artery". Poster presented at the "34th National Congress Italian Society of Invasive Cardiology", Genova October, 9-11, 2013; Congress acta.
22. **G. Di Gioia**, C. Goffredo, G. Patti, P. Sedati, S. Mega, L. Ragni, A. D'Ambrosio and G. Di Sciascio. "Persistent giant Eustachian valve: an echocardiographic trouble". Poster presented at the "34th National Congress Italian Society of Invasive Cardiology", Genova October, 9-11, 2013; Congress acta.
 23. **G. Di Gioia**, C. Goffredo, G. Patti, S. Mega; R. Barbato; L. Ragni; A. D'Ambrosio, M. Chello and G. Di Sciascio, "Surgical closure of a large ostium primum interatrial septum defect in a sixty-two years old patient". Poster presented at the "34th National Congress Italian Society of Invasive Cardiology", Genova October, 9-11, 2013; Congress acta
 24. **G. Di Gioia**, F. Mangiacapra, C. Goffredo, P. Sedati, S. Mega, L. D'Antonio, M.C. Bono, A. D'Ambrosio, G. Patti and G. Di Sciascio, "Comparison of ultrasound and computed tomography for quantification of stenosis degree in carotid artery disease"; Presented at the "73° Congresso Nazionale della Società Italiana di Cardiologia, S.I.C.", Rome December, 15-17, 2012; Congress acta.
 25. **G. Di Gioia**, C. Goffredo, A. D'Ambrosio, G. Patti and G. Di Sciascio, "Valvola di Eustachio gigante persistente: un dubbio ecocardiografico" Presented at the "XV Congresso Nazionale della Società Italiana di Ecografia Cardiovascolare, S.I.E.C., Naples April, 14 – 16, 2011. Congress Acta.
 26. **G. Di Gioia**, C. Goffredo, A. D'Ambrosio, G. Patti and G. Di Sciascio, "Difetto del setto interatriale tipo ostium primum in paziente di 62 anni" Poster presented at the "XV Congresso Nazionale della Società Italiana di Ecografia Cardiovascolare, S.I.E.C., Naples April, 14 – 16, 2011. Congress Acta.

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