

## **CURRICULUM VITAE ET STUDIORUM**

### **PERSONAL INFORMATION**

**First and last name:** GIANCARLO TRIMARCHI

### **EDUCATION AND TRAINING**

- Specialization in Cardiovascular Diseases on 28/01/2025 at the Department of Clinical and Experimental Medicine, University of Messina, grade 50/50 cum laude dissertation in "Comparative assessment of myocardial strain: speckle tracking echocardiography versus Cardiac magnetic resonance feature tracking".
- From 01/10/2024 to present, PhD Student in Translational Medicine at the *Interdisciplinary Center for Health Sciences*, Scuola Superiore Sant'Anna, Pisa;
- From 26/01/2021 to 28/01/2025, Cardiology Resident at the Department of Clinical and Experimental Medicine, University of Messina, Messina, Italy;
- Graduated in Medicine and Surgery on 10/07/2020 at the Faculty of Medicine and Surgery, University of Catania, grade 110/110 cum laude, dissertation in "Usefulness of a smartphone application for the diagnosis of epilepsy: Validation study in high-income and rural low-income countries";
- From 18/10/2018 to 10/07/2020 Internal student at the Epilepsy Center of the Neurological Clinic at Azienda Ospedaliero-Universitaria Policlinico "G. Rodolico-San Marco," University of Catania, Catania, Italy;
- Secondary Education Diploma from the Liceo Classico at the "Caminiti-Trimarchi" Institute of Higher Education in Santa Teresa di Riva (ME) on 07/07/2014, graduating with grade 100/100 cum laude.

### **RESEARCH EXPERIENCE**

- From 01/04/2024 to 31/10/2024 observership in Cardiac Magnetic Resonance Imaging at the Department of Radiology, Medical Imaging Research Center, University Hospitals Leuven, Belgium, under the supervision of Prof. Jan Bogaert;
- From 01/10/2023 to 31/03/2024 internship at Heart Hospital "G. Pasquinucci" Fondazione Toscana "Gabriele Monasterio", Massa, Italy, under the supervision of Dr. Umberto Paradossi;

- From 22/10/2023 to 31/10/2024, Attendee of the “Advanced Course in Pediatric and Adult Cardiomyopathies” for the Academic Year 2023/2024, at the Cardiomyopathy Unit, Careggi University Hospital, University of Florence, Italy, under the supervision of Prof. Iacopo Olivotto;
- From 22/02/2023 to present, Sub-Investigator for Messina site in IMPROVE Trial, an ongoing randomized study investigating the impact of IVUS on percutaneous coronary intervention (PCI) of complex lesions.
- From 02/02/2022 to present, Sub-Investigator for Messina site in APOLLO B Trial, an international, phase 3, multicenter, double-blind, randomized, placebo-controlled trial of patisiran in patients with variant or wild-type ATTR cardiac amyloidosis.

### OTHER ACTIVITIES

- From 01/02/2023 to present, reviewer at Journal of Cardiovascular Echography, the official publication of Italian Society of Echocardiography and Cardiovascular Imaging (SIECVI), Impact Factor® as reported in the 2022 Journal Citation Reports® (Clarivate Analytics, 2023): 0.8, Editor in Chief: Prof. Scipione Carerj;

### CONGRESS ABSTRACT ORAL PRESENTATIONS

- 15/12/2023: Oral presentation of the abstract entitled “Characteristics Of Pressure/Strain Loop Derived Global Myocardial Work Index In Non-Obstructive Hypertrophic Cardiomyopathy And CATTR-wt With Preserved Ejection Fraction: A Preliminary Report”, in the section entitled “Myocardial and Pericardial Diseases”, during **84° SIC Congress, Rome, Italy;**
- 28/08/2023: Oral presentation of the abstract entitled “Advanced echocardiographic assessment in wild-type and hereditary transthyretin cardiac amyloidosis: the role of myocardial work and left atrial strain”, in the session entitled “*Advanced multimodality imaging in cardiomyopathies and arrhythmias*”, during the **ESC Congress 2023, Amsterdam, The Netherlands;**
- 11/05/2023: Oral presentation of the abstract entitled “The impact of BMI on myocardial work and left atrial strain in young overweight patients with preserved left ventricular ejection fraction”, in the session entitled “*Heart Failure 2*”, during **EACVI 2023, Barcelona, Spain;**
- 11/05/2023: Oral presentation of the abstract entitled “Correlation between pulse wave analysis parameters and left atrial strain and left ventricular myocardial work indices in patients with grade one hypertension”, in the session entitled “*Atrial Size and Function 3*”, during **EACVI 2023, Barcelona, Spain;**
- 16/12/2022: Oral presentation of the abstract entitled “Prognostic Value Of Tenting Area Assessed By CMR In Patients With Ischemic Mitral Regurgitation”, in the section entitled “*Cardiovascular Imaging*”, during the **83° SIC Congress, Rome, Italy;**

- 26/08/2022: Oral presentation of the abstract entitled “A new way to explore ventricular-arterial coupling in young patients with untreated hypertension”, in the session entitled “*Echocardiography and cardiovascular risk factors*”, during the **ESC Congress 2022, Barcelona, Spain**;
- 13/05/2022: Oral presentation of the abstract entitled “Impact of central pressure and wave reflections on left atrial and left ventricular function in individuals with normal ejection fraction”, in the section entitled “*Arterial Hypertension and Cardiovascular Imaging*”, during the **20° SIECVI Congress, Venice, Italy**;
- 10/12/2021: Oral presentation of the abstract entitled “Prevalence Of Carpal Tunnel Syndrome In Patients With Transthyretin Cardiac Amyloidosis”, in the section entitled “*Myocardial and Pericardial Diseases*”, during the **82° SIC Congress, Rome, Italy**;

#### **CONTRIBUTIONS TO CONFERENCES AS SPEAKER**

- 08/03/2025: Speaker at the Conference entitled “XII Mediterranean Cardiology Meeting”, with the presentation entitled “Monitoraggio del paziente con Amiloidosi-TTR”, **Acicastello (CT), Italy**;
- 07/12/2024: Speaker at the Conference entitled “XXII CONGRESSO REGIONALE ANCE SICILIA”, with the presentation entitled “Disfunzioni ventricolari transitorie”, **Viagrande (CT), Italy**;
- 07/11/2024: Speaker at the webinar entitled “How to: l’Insufficienza tricuspide e le nuove sfide” – SIECVI Toscana, **Massa, Italy**
- 13/05/2024: Speaker at the Conference entitled “L’amiloidosi cardiaca da TTR e lo scompenso cardiaco: cosa dobbiamo sapere per diagnosticarla e trattarla”, with the presentation entitled “Esecuzione ed interpretazione di esami ecocardiografici ed integrazione ad altri dati clinici nelle cardiomiopatie a fenotipo ipertrofico (anamnesi, ECG, laboratorio)”, **Giardini Naxos (ME), Italy**;
- 20/02/2024: Speaker at the Conference entitled “GetTogheter Monasterio 2024”, with the presentation “Bridging the Gap: Translating Infective Endocarditis Treatment Guidelines into Everyday Clinical Practice”, **Massa, Italy**;
- 01/12/2023: Speaker at the Conference entitled “Amiloidosi Cardiaca E Ipertrofia Ventricolare Sinistra Come Districarsi Nella Diagnosi”, with the presentation entitled “Amiloidosi e cuore d’atleta: osservazioni, misurazioni, elaborazioni ecocardiografiche”, Royal Palace Hotel, **Messina (ME), Italy**;
- 30/11/2023: Speaker at the Conference entitled “L’Amiloidosi cardiaca da ATTR”, with the presentation entitled “Post processing strain in Cardiac Amyloidosis”, **Messina (ME), Italy**;
- 14/11/2023: Speaker at the Amyloidosis Expert Meeting Sud entitled “Modello Congiunto Neurologo-Cardiologo/Internista Nella Gestione Del Paziente ATTR” with the presentation entitled “Esperienza del Centro di Messina nella Gestione dei Pazienti affetti da ATTR”, **Naples, Italy**;

- 11/11/2023: Speaker at the Conference entitled “Amiloidosi Cardiaca: Cosa Dobbiamo Fare”, with the presentation entitled “Diagnosi differenziale delle Cradiomiopatie a Fenotipo Ipertrofico”, Excelsior Hotel, **Taormina (ME), Italy**;
- 10/11/2023: Speaker at the Conference entitled “Congresso Regionale Ance”, with the presentation “Cardiomiopatia da amiloidosi-TTR: nosografia e trattamento”, **Viagrande (CT), Italy**.
- 28/03/2023: Speaker at the Conference entitled “FLASH M.O.B. (Mind the gap, Ordinary challenges, Blind spot)” with the presentation entitled “A Strange Case of Hypertrophic Cardiomyopathy”, **Catania, Italy**;
- 10/12/2022: Speaker at the Conference entitled “AmiloidoSicilia” with the presentation entitled “Casi clinici di C-ATTR: quando solo l’imaging non basta”, **Caltanissetta, Italy**.

#### SCIENTIFIC SOCIETIES MEMBERSHIPS

- From 18/02/2023 to present Silver Member of European Association of Cardiovascular Imaging (EACVI);
- From 21/05/2022 to present Professional Member of European Society of Cardiology (ESC);
- From 02/02/2022 to present Member of the Italian Society of Echocardiography and Cardiovascular Imaging (SIECVI);
- From 11/10/2021 to present member of the Italian Federation of Cardiology (FIC);

#### LIST OF PUBLICATIONS

##### FULL PAPERS

1. EPICARDIAL ADIPOSE TISSUE: A MULTIMODAL IMAGING DIAGNOSTIC PERSPECTIVE.  
**Trimarchi, Giancarlo**; Carerj, M.L.; Zito, C.; Bella, G.D.; Taverna, G.; Cusmà Piccione, M.; Crea, P.; Lo Giudice, S.; Buonpane, A.; Bonanni, M.; et al. *Medicina* **2025**, *61*, 961, doi:10.3390/medicina61060961.
2. EXPLORING IMAGING DEPTH: A PILOT STUDY ABOUT 2D VS. 4D ECHOCARDIOGRAPHY FOR TRICUSPID VALVE EVALUATION.  
Santarpino, G.; Taverna, G.; Calabrese, V.; Coviello, F.; **Trimarchi, Giancarlo**; Trio, O.; Fiore, C.; Andò, G.; Nasso, G.; Speziale, G. *RCM* **2025**, *26*, 41556, doi:10.31083/RCM41556.
3. OPTIMIZING IMAGING TECHNIQUES FOR LEFT ATRIAL APPENDAGE CLOSURE: INSIGHTS AND EMERGING DIRECTIONS.  
Barletta, V.; Alberti, M.; Agostini, R.; Pizzino, F.; **Trimarchi, Giancarlo**; D’Alfonso, M.G.; Solari, M.; Zucchelli, G.; Cresti, A. *Journal of Clinical Medicine* **2025**, *14*, 3607, doi:10.3390/jcm14103607.

4. THE ROLE OF IMAGING IN CARDIOVASCULAR PREVENTION: A COMPREHENSIVE REVIEW.  
Carerj, M.L.; Restelli, D.; Poleggi, C.; Di Bella, G.; Zito, C.; Manganaro, R.; Piccione, M.C.; **Trimarchi, Giancarlo**; Farina, A.; Micari, A.; et al. *Journal of Cardiovascular Echography* **2025**, 35, 8, doi:10.4103/jcecho.jcecho\_26\_25.
5. INFLAMMATION IN CHRONIC HEART FAILURE: AN UNSOLVED PUZZLE.  
**Trimarchi, Giancarlo**; Pizzino, F.; Paradossi, U. *Int J Cardiol* **2025**, 432, 133281, doi:10.1016/j.ijcard.2025.133281.
6. ARRHYTHMIC RISK PREDICTION IN NON-DILATED LEFT VENTRICULAR CARDIOMYOPATHY: THE ROLE OF OVERLAP WITH ARRHYTHMOGENIC CARDIOMYOPATHY.  
Gueli, I.A.; Aimò, A.; Alderotti, B.; **Trimarchi, Giancarlo**; Bellisario, I.; Todiere, G.; Grigoratos, C.; De Gori, C.; Clemente, A.; Fabiani, I.; et al. *Int J Cardiol* **2025**, 133224, doi:10.1016/j.ijcard.2025.133224.
7. ECHOCARDIOGRAPHIC SCREENING FOR TRANSCATHETER EDGE-TO-EDGE MITRAL VALVE REPAIR: CORRELATION BETWEEN TRANSTHORACIC AND TRANSESOPHAGEAL ASSESSMENT.  
Bonanni, M.; Pizzino, F.; Benedetti, G.; Capasso, R.; Manzo, R.; Iuliano, G.; **Trimarchi, Giancarlo**; D'Agostino, A.; Paradossi, U.; Gimelli, A.; et al. *Journal of Cardiovascular Development and Disease* **2025**, 12, 149, doi:10.3390/jcdd12040149.
8. TYPE AND DURATION OF ANTITHROMBOTIC THERAPY AFTER TREATMENT OF SEVERELY CALCIFIED LESIONS.  
Alagna, G.; Cascone, A.; Micari, A.; **Trimarchi, Giancarlo**; Campanella, F.; Taverna, G.; Pistorio, S.; Andò, G. *AIMSMEDS* **2025**, 12, 38–62, doi:10.3934/medsci.2025004.
9. EFFECTIVENESS AND SAFETY OF TICAGRELOR MONOTHERAPY AFTER SHORT-DURATION DUAL ANTIPLATELET THERAPY IN PCI PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS.  
Alagna, G.; **Trimarchi, Giancarlo**; Cascone, A.; Villari, A.; Cavolina, G.; Campanella, F.; Micari, A.; Taverna, G.; Andò, G. *Am J Cardiol* **2025**, 241, 69–74, doi:10.1016/j.amjcard.2025.01.014.
10. ADVANCING CARDIAC AMYLOIDOSIS CARE THROUGH INSIGHTS FROM CARDIOPULMONARY EXERCISE TESTING.  
Pugliatti, P.; **Trimarchi, Giancarlo**; Barocelli, F.; Pizzino, F.; Di Spigno, F.; Tedeschi, A.; Piccione, M.C.; Irrera, P.; Aschieri, D.; Niccoli, G.; et al. *J. Clin. Med.* 2024, 13, 7285. <https://doi.org/10.3390/jcm13237285>
11. STANDARDIZED 3D TRANSESOPHAGEAL ECHOCARDIOGRAPHY MANOEUVRE FOR ENHANCED TENTING HEIGHT EVALUATION DURING TRANSCATHETER MITRAL VALVE EDGE-TO-EDGE REPAIR  
Bonanni, M.; **Trimarchi, Giancarlo**; Benedetti, G.; D'Agostino, A.; Iuliano, G.; Manzo, R.; Capasso, R.; Cerone, E.; Paradossi, U.; Berti, S.; et al. *J. Clin. Med.* **2024**, 13, 6525, doi: 10.3390/jcm13216525.
12. ADVANCED LUNG CANCER INFLAMMATION INDEX AS PREDICTOR OF ALL-CAUSE MORTALITY IN ST-ELEVATION MYOCARDIAL INFARCTION PATIENTS UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION.  
**Trimarchi, Giancarlo**; Pizzino, F.; Lilli, A.; De Caterina, A.R.; Esposito, A.; Dalmiani, S.; Mazzone,

A.; Di Bella, G.; Berti, S.; Paradossi, U. *J. Clin. Med.* **2024**, *13*, 6059, doi: 10.3390/jcm13206059

13. OPTICAL COHERENCE TOMOGRAPHY IN MYOCARDIAL INFARCTION MANAGEMENT: ENHANCING PRECISION IN PERCUTANEOUS CORONARY INTERVENTION.  
Buonpane, A.; **Trimarchi, Giancarlo**; Ciardetti, M.; Coceani, M.A.; Alagna, G.; Benedetti, G.; Berti, S.; Andò, G.; Burzotta, F.; De Caterina, A.R. *J. Clin. Med.* **2024**, *13*, 5791, doi: 10.3390/jcm13195791
14. AN IN-DEPTH LOOK AT ELECTROLYTES IN ACUTE HEART FAILURE: THE ROLE OF SODIUM-TO-CHLORIDE RATIO.  
**Trimarchi, Giancarlo**; Pizzino, F. *International Journal of Cardiology* **2024**, *0*, doi:10.1016/j.ijcard.2024.132585.
15. CLINICAL APPLICATIONS OF MYOCARDIAL WORK IN ECHOCARDIOGRAPHY: A COMPREHENSIVE REVIEW.  
**Trimarchi, Giancarlo**; Carerj, S.; Di Bella, G.; Manganaro, R.; Pizzino, F.; Restelli, D.; Pelaggi, G.; Lofrumento, F.; Licordari, R.; Taverna, G.; et al. *J. Cardiovasc. Echography* **2024**, *34*, 99, doi:10.4103/jcecho.jcecho\_37\_24.
16. ELECTROCARDIOGRAPHIC PATTERNS AND ARRHYTHMIAS IN CARDIAC AMYLOIDOSIS: FROM DIAGNOSIS TO THERAPEUTIC MANAGEMENT—A NARRATIVE REVIEW.  
Teresi, L.; **Trimarchi, Giancarlo**; Liotta, P.; Restelli, D.; Licordari, R.; Carciotto, G.; Francesco, C.; Crea, P.; Dattilo, G.; Micari, A.; et al. *Journal of Clinical Medicine* **2024**, *13*, 5588, doi:10.3390/jcm13185588.
17. HEART FAILURE WITH PRESERVED EJECTION FRACTION RISK AFTER AORTIC COARCTATION SURGERY: THE HIDDEN THREAT.  
**Trimarchi, Giancarlo**; Panichella, G.; Aimo, A. *Eur. J. Heart Fail.* **2024**, doi:10.1002/ejhf.3420.
18. COVERED ENDOVASCULAR RECONSTRUCTION OF AORTIC BIFURCATION FACILITATED BY INTRAVASCULAR LITHOTRIPSY WITH SHOCKWAVE BALLOON: A CASE REPORT.  
Misuraca, L.; Buonpane, A.; **Trimarchi, Giancarlo**; Picchi, A.; Filippi, F.; Biancofiore, A.; Limbruno, U.; Rizza, A., *Cureus* **2024**, *16*, doi:10.7759/cureus.66874.
19. CHARTING THE UNSEEN: HOW NON-INVASIVE IMAGING COULD REDEFINE CARDIOVASCULAR PREVENTION.  
**Trimarchi, Giancarlo**; Pizzino, F.; Paradossi, U.; Gueli, I.A.; Palazzini, M.; Gentile, P.; Di Spigno, F.; Ammirati, E.; Garascia, A.; Tedeschi, A.; et al. *J. Cardiovasc. Dev. Dis.* **2024**, *11*, 245. <https://doi.org/10.3390/jcdd11080245>
20. IMPACT OF LEAFLET-TO-ANNULUS INDEX ON RESIDUAL REGURGITATION FOLLOWING TRANSCATHETER EDGE-TO-EDGE REPAIR OF THE TRICUSPID VALVE.  
Pizzino, F.; **Trimarchi, Giancarlo**; D'Agostino, A.; Bonanni, M.; Benedetti, G.; Paradossi, U.; Manzo, R.; Capasso, R.; Di Bella, G.; Zito, C.; et al. *J. Clin. Med.* **2024**, *13*, 4176. <https://doi.org/10.3390/jcm13144176>
21. A CASE REPORT OF AORTIC INTRAMURAL HEMATOMA: FROM DIAGNOSIS TO ENDOVASCULAR

TREATMENT GUIDED BY TRANSESOPHAGEAL ECHOCARDIOGRAPHY.

Benedetti, G.; **Trimarchi, Giancarlo**; Palmieri, C.; Paradossi, U.; Berti, S.; Rizza, A. *Journal of Cardiovascular Echography* **2024**, *34*, 85, doi:10.4103/jcecho.jcecho\_21\_24. **Impact Factor:** 0.7

22. THE ENIGMA OF THE 'SMOKER'S PARADOX': RESULTS FROM A SINGLE-CENTER REGISTRY OF PATIENTS WITH STEMI UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION.

Paradossi, U.; De Caterina, A.R.; **Trimarchi, Giancarlo**; Pizzino, F.; Bastiani, L.; Dossi, F.; Raccis, M.; Bianchi, G.; Palmieri, C.; de Gregorio, C.; et al. *Cardiovascular Revascularization Medicine* **2024**, doi:10.1016/j.carrev.2024.06.007. **Impact Factor:** 1.7

23. TRANSIENT LEFT VENTRICULAR DYSFUNCTION FROM CARDIOMYOPATHIES TO MYOCARDIAL VIABILITY: WHEN AND WHY CARDIAC FUNCTION RECOVERS.

**Trimarchi, Giancarlo**; Teresi, L.; Licordari, R.; Pingitore, A.; Pizzino, F.; Grimaldi, P.; Calabrò, D.; Liotta, P.; Micari, A.; de Gregorio, C.; et al. *Biomedicines* **2024**, *12*, 1051. doi:10.3390/biomedicines12051051. **Impact Factor:** 4.7

24. CLINICAL FEATURES AND PATIENT OUTCOMES IN INFECTIVE ENDOCARDITIS WITH SURGICAL INDICATION: A SINGLE-CENTRE EXPERIENCE.

Pizzino, F.; Paradossi, U.; **Trimarchi, Giancarlo**; Benedetti, G.; Marchi, F.; Chiappino, S.; Conti, M.; Di Bella, G.; Murzi, M.; Di Sibio, S.; Concistrè, G.; Bianchi, G.; Solinas, M. *J Cardiovasc Dev Dis* **2024**, *11*, 138, doi:10.3390/jcdd11050138. **Impact Factor:** 2.4

25. HEART FAILURE MANAGEMENT THROUGH TELEHEALTH: EXPANDING CARE AND CONNECTING HEARTS.

Tedeschi, A.; Palazzini, M.; **Trimarchi, Giancarlo**; Conti, N.; Di Spigno, F.; Gentile, P.; D'Angelo, L.; Garascia, A.; Ammirati, E.; Morici, N.; Aschieri, D. *Journal of Clinical Medicine* **2024**, *13*, 2592, doi:10.3390/jcm13092592. **Impact Factor:** 3.9

26. PERICARDIAL AGENESIS: A CASE REPORT OF A RARE CONGENITAL HEART DISEASE.

**Trimarchi, Giancarlo**; Zito, C.; Pelaggi, G.; Carerj, S.; Di Bella, G. *Eur Heart J Case Rep* **2024**, *8*, ytae200, doi:10.1093/ehjcr/ytae200. **Impact Factor:** 1.0

27. KISSING SHOCKWAVE BALLOON IN A CASE OF EXTENSIVE CALCIFIED ABDOMINAL AORTA DURING TRANSFEMORAL TAVI.

Buonpane, A.; **Trimarchi, Giancarlo**; Palmieri, C.; Jabri, A.A.A.A.; Berti, S.; Rizza, A. *Curr Probl Cardiol* **2024**, *49*, 102491, doi:10.1016/j.cpcardiol.2024.102491. **Impact Factor:** 4.2

28. SYSTEMIC VASCULAR RESISTANCE AND MYOCARDIAL WORK ANALYSIS IN HYPERTROPHIC CARDIOMYOPATHY AND TRANSTHYRETIN CARDIAC AMYLOIDOSIS WITH PRESERVED LEFT VENTRICULAR EJECTION FRACTION.

de Gregorio, C.; **Trimarchi, Giancarlo**; Faro, D.C.; Poleggi, C.; Teresi, L.; De Gaetano, F.; Zito, C.; Lofrumento, F.; Koniari, I.; Licordari, R.; Kounis, N. G.; . *J Clin Med* **2024**, *13*, 1671, doi:10.3390/jcm13061671. **Impact Factor:** 3.9

29. PRELIMINARY OUTCOMES OF ZONE 2 THORACIC ENDOVASCULAR AORTIC REPAIR USING CASTOR SINGLE-BRANCHED STENT GRAFTS: A SINGLE-CENTER EXPERIENCE.

Rizza, A.; **Trimarchi, Giancarlo**; Di Sibio, S.; Bastiani, L.; Murzi, M.; Palmieri, C.; Foffa, I.; Berti, S.

30. MYOCARDIAL WORK APPRAISAL IN TRANSTHYRETIN CARDIAC AMYLOIDOSIS AND NONOBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY.  
de Gregorio, C.; **Trimarchi, Giancarlo**; Faro, D.C.; De Gaetano, F.; Campisi, M.; Losi, V.; Zito, C.; Tamburino, C.; Di Bella, G.; Monte, I.P.  
*Am J Cardiol* **2023**, *208*, 173–179, doi:10.1016/j.amjcard.2023.09.055. **Impact Factor:** 2.8
31. A CASE OF TYPE B AORTIC DISSECTION: THE ROLE OF TRANSESOPHAGEAL ULTRASOUND GUIDANCE IN THORACIC ENDOVASCULAR AORTIC REPAIR.  
**Trimarchi, Giancarlo**; Benedetti, G.; Palmieri, C.; Rizza, A.  
*J of Cardiovasc Echo* **2023**, *33*, 148, doi:10.4103/jcecho.jcecho\_64\_23. **Impact Factor:** 0.8
32. PATIENT-REPORTED OUTCOME MEASURES FOR TRANSTHYRETIN CARDIAC AMYLOIDOSIS: THE ITALY STUDY.  
Aimo, A.; Teresi, L.; Castiglione, V.; Picerni, A.L.; Niccolai, M.; Severino, S.; Agazio, A.; Carnevale Baraglia, A.; Obici, L.; Palladini, G.; Ponti, L.; Argirò, A.; Cappelli, F.; Perfetto, F.; Serenelli, M.; **Trimarchi, Giancarlo**; Licordari, R.; Di Bella, G.; Chebuchna, O.; Quattrone, F.; Nuti, S.; De Rosis, S.; Passino, C.; Rapezzi, C.; Merlini, G.; Emdin, M.; Vergaro, G.  
*Amyloid* **2024**, *31*, 52–61, doi:10.1080/13506129.2023.2254451. **Impact Factor:** 5.5
33. CARDIAC MAGNETIC RESONANCE IN HCM PHENOCOPIES: FROM DIAGNOSIS TO RISK STRATIFICATION AND THERAPEUTIC MANAGEMENT.  
Licordari, R.; **Trimarchi, Giancarlo**; Teresi, L.; Restelli, D.; Lofrumento, F.; Perna, A.; Campisi, M.; de Gregorio, C.; Grimaldi, P.; Calabrò, D.; Costa, F.; Versace, A. G.; Micari, A.; Aquaro G. D.; Di Bella, G.  
*J Clin Med* **2023**, *12*, 3481, doi:10.3390/jcm12103481. **Impact Factor:** 3.9
34. LEFT ATRIAL STRAIN IMAGING BY SPECKLE TRACKING ECHOCARDIOGRAPHY: THE SUPPORTIVE DIAGNOSTIC VALUE IN CARDIAC AMYLOIDOSIS AND HYPERTROPHIC CARDIOMYOPATHY.  
Monte, I.P.; Faro, D.C.; **Trimarchi, Giancarlo**; de Gaetano, F.; Campisi, M.; Losi, V.; Teresi, L.; Di Bella, G.; Tamburino, C.; de Gregorio, C.  
*J Cardiovasc Dev Dis* **2023**, *10*, 261, doi:10.3390/jcdd10060261. **Impact Factor:** 2.4
35. KOUNIS SYNDROME IN A PATIENT WITH MULTIVESSEL CORONARY ARTERY DISEASE AND DRESS.  
La Cognata, O.; **Trimarchi, Giancarlo**; Lo Savio, A.; Virga, V.; Andò, G.; de Gregorio, C.  
*Clin Case Rep* **2023**, *11*, e7121, doi:10.1002/ccr3.7121. **Impact Factor:** 0.7
36. USEFULNESS OF A SMARTPHONE APPLICATION FOR THE DIAGNOSIS OF EPILEPSY: VALIDATION STUDY IN HIGH-INCOME AND RURAL LOW-INCOME COUNTRIES.  
Giuliano, L.; Cicero, C.E.; **Trimarchi, Giancarlo**; Todaro, V.; Colli, C.; Crespo Gómez, E.B.; Bartoloni, A.; Sofia, V.; Patterson, V.; Zappia, Nicoletti, A.  
*Epilepsy Behav* **2021**, *115*, 107680, doi:10.1016/j.yebeh.2020.107680. **Impact Factor:** 2.06

## ABSTRACTS IN JOURNAL

1. ADVANCED ECHOCARDIOGRAPHIC ASSESSMENT IN WILD-TYPE AND HEREDITARY



TRANSTHYRETIN CARDIAC AMYLOIDOSIS: THE ROLE OF MYOCARDIAL WORK AND LEFT ATRIAL STRAIN.

**Trimarchi, Giancarlo;** Teresi, L.; Perna, A.; Zito, C.; De Gregorio, C.; Carerj, S.; Di Bella, G.  
*European Heart Journal* **2023**, *44*, ehad655.261, doi:10.1093/eurheartj/ehad655.261.  
**Impact Factor:** 39.3

2. CORRELATION BETWEEN PULSE WAVE ANALYSIS PARAMETERS AND LEFT ATRIAL STRAIN AND LEFT VENTRICULAR MYOCARDIAL WORK INDICES IN PATIENTS WITH GRADE ONE HYPERTENSION.

**Trimarchi, Giancarlo;** Lofrumento, F.; Mancinelli, A.; Manganaro, R.; Trio, O.; Cusma Piccione, M.; Di Bella, G.; Carerj, S.; Zito, C.  
*European Heart Journal - Cardiovascular Imaging* **2023**, *24*, jead119.253, doi:10.1093/ehjci/jead119.253. **Impact Factor:** 9.1

3. THE IMPACT OF BMI ON MYOCARDIAL WORK AND LEFT ATRIAL STRAIN IN YOUNG OVERWEIGHT PATIENTS WITH PRESERVED LEFT VENTRICULAR EJECTION FRACTION.

**Trimarchi, Giancarlo;** Lofrumento, F.; Taverna, G.; Mancinelli, A.; Cusma Piccione, M.; Manganaro, R.; Trio, O.; Di Bella, G.; Zito, C.; Carerj, S.  
*European Heart Journal - Cardiovascular Imaging* **2023**, *24*, jead119.230, doi:10.1093/ehjci/jead119.230. **Impact Factor:** 9.1

4. 62 MYOCARDIAL WORK IN CARDIAC AMYLOIDOSIS AND HYPERTENSIVE HEART DISEASE: A PRELIMINARY REPORT.

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## CHAPTERS IN BOOKS

- Chapter 7, titled "Strumenti diagnostici per la valutazione cardio-oncologica", in the book "Cardioncologia", Italian Society of Cardiology, December 2024;

## AWARDS AND PRIZES

- Winner of the "Best Abstract Award" SIC 82° Congresso Nazionale 2021 with the abstract "PREVALENCE OF CARPAL TUNNEL SYNDROME NI PATIENTS WITH TRANSTHYRETIN CARDIAC AMYLOIDOSIS", Rome, Italy.
- Winner of the Best Abstract Award Miscellaneous Session 2 "Conoscere e Curare il Cuore 2023" XXXX Edition with the abstract "THE IMPACT OF BMI ON MYOCARDIAL WORK AND LEFT ATRIAL STRAIN NI YOUNG OVERWEIGHT PATIENTS WITH PRESERVED LEFT VENTRICULAR EJECTION FRACTION", Florence, Italy.

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Dr. Giancarlo Trimarchi, M.D.