

Prof. GIUSEPPE AMBROSIO

- Professore Ordinario di Cardiologia, Università di Perugia (1994 – 2024)
- Primario, Cardiologia e Fisiopatologia Cardiovascolare, Azienda Ospedaliero-Universitaria di Perugia (1998 – 2024)
- Primario, Cardiologia, Azienda Ospedaliero-Universitaria di Terni (2024)
- Direttore Sanitario Aziendale, Azienda Ospedaliera di Perugia (2009 – 2013)
- Direttore, Scuola di Specializzazione in Cardiologia, Università di Perugia (2001 – 2019)
- Direttore CERICLET – Centro di Ricerca Clinica e Traslazionale, Università di Perugia (2021- 2024)
- Direttore, e Vice-Direttore, Dipartimento di Medicina; Delegato ai rapporti assistenziali (2019 - 2024)
- Associate Professor, Division of Cardiology, Johns Hopkins School of Medicine, Baltimore, MD, U.S.A. (1994)
- Profesor Honorario, Instituto de Cardiologia “Alberto C. Taquini”, Universidad de Buenos Aires, Argentina
- Visiting Professor, University of Nis, Serbia
- Profesor Honorario, Escuela de Medicina, Hospital Italiano de Buenos Aires, Argentina
- Direttore, Unità Operativa di Fisiopatologia Cardiovascolare, Istituto Nazionale Ricerche Cardiovascolari, Sede Consorzata di Perugia (1996 – 2024)
- ViceDirettore Scientifico, IRCCS MultiMedica, Milano
- Ricercatore Affiliato, Istituto Nazionale di Fisica Nucleare – Sezione di Perugia

Titoli Professionali:

- Laurea in Medicina e Chirurgia, 110 e lode/110, e dignità di stampa della tesi; Università di Napoli
- Specializzazione in Cardiologia, 70 e lode/70; Università di Napoli
- Dottorato di Ricerca in Fisiopatologia Cardiovascolare; Università La Sapienza, Roma
- Abilitazione all'attività clinica negli U.S.A.
- Fellowship in Cardiology, Johns Hopkins University, Baltimore, U.S.A.
- Certificato di Formazione Manageriale in Sanità; Scuola Umbra di Pubblica Amministrazione, Perugia

Attività Scientifica ed Editoriale:

- 4 Libri; 31 Capitoli di Libri
- oltre 400 Lavori in estenso su riviste internazionali
- Impact Factor totale: **3800**
- H – Index: **90**

- Oltre 50,000 Citazioni nella letteratura internazionale
- Oltre 300 Relazioni e Seminari su invito in ambito internazionale

Editor:

- Giornale Italiano di Cardiologia (rivista ufficiale della Federazione Italiana di Cardiologia) (2002-2007)
- Associate Editor, International Journal of Cardiology (2022 -)
- Associate Editor, International Journal of Cardiology – Heart and Vasculature (2020 -)
- Membro, HEART Committee (Heart Editors' Active Round Table) (2003 - 2007)
- Membro, Task Force “National Society Journals”, European Society of Cardiology (2006 - 2016)

Membro del Comitato Editoriale:

- Acute Cardiac Care (2006 -)
- Cardiovascular Drugs and Therapy (1990 - 2000)
- Cardiovascular Research (1996 -)
- European Heart Journal (2009 -)
- Journal of Molecular and Cellular Cardiology (1997 – 2000)
- Netherlands Heart Journal (2005 -)
- Revista Española de Cardiología (2000 -)

Attività Organizzativa e Manageriale:

- Azienda Ospedaliera di Perugia, Direttore Sanitario (2009 – 2013); Coordinatore, Dipartimento di Scienze Cardio-Toraco-Vascolari (2013 - 2016)
- Università di Perugia: Direttore, e Vice-Direttore, Dipartimento di Medicina; Delegato ai rapporti assistenziali (2019 - 2024)
- European Society of Cardiology: Segretario, Science Council (1999 - 2002); Representative, “Cluster on Circulation” (1999 - 2002); Chairman, Working Group on “Pathophysiology of Coronary Circulation and Microcirculation” (1996 - 1998); Membro della Task Force “National Society Journals” (2006 - 2016); Treasurer and Nucleus Member, Working Group “Pharmacotherapy” (2024 -)
- American College of Cardiology: Membro, Prevention of Cardiovascular Disease Committee (2011 -); Work Group on Hypertension; Work Group on Diabetes
- Heart Failure Association, European Society of Cardiology: Membro, Scientific Committee on Pharmacology & Pharmacotherapy (2022-); Structural Committee Registries & Atlas (2022 -); Membro, Committee on Heart Failure with Preserved Ejection Fraction (2008 - 2014); Membro, Committee on Acute Heart Failure (2010 - 2014); Membro, Committee on Diabetes and Hypertension (2018 - 2021)
- International Society for Heart Research: Membro, Consiglio Direttivo (1998 - 2004)
- International Academy of Cardiovascular Sciences: Membro, Board of Directors (1998 - 2002)
- Società Italiana di Cardiologia: Membro, Consiglio Direttivo (1998 – 2001); Presidente, Sezione Tosco-Umbra (2014 - 2016); Coordinatore, Gruppo di Studio “Fisiopatologia del Microcircolo” (2003 - 2005); Coordinatore, Commissione Ricerca (2023 -)
- Istituto Nazionale Ricerche Cardiovascolari: Membro, Consiglio Direttivo (1997 -)

- *Società Italiana Ricerche Cardiovascolari*: Membro, Consiglio Direttivo (1997 – 2003)
- *Comitato Etico Regione Umbria*: Membro (2011-2014)
- *Comitato Regionale Valutazione Sinistri Sanitari, Umbria*: Membro (2011-)
- Presidente, *Commissione Nazionale di Abilitazione a Professore Universitario di Cardiologia* (2017 - 2018)
- Membro del Consiglio Scientifico, *Centro Interuniversitario Healthcare Research & Pharmacoepidemiology* (2017 -)
- Membro del *Comitato Tecnico-Sanitario*, Ministero della Salute (2018 - 2021)
- ViceDirettore Scientifico, IRCCS MultiMedica, Milano (2021 -)
- Membro del Consiglio Direttivo CUIA (*Consorzio Universitario Italia-Argentina*) (2021 -)

Struttura di Cardiologia e Fisiopatologia Cardiovascolare:

- Division of Cardiology, Johns Hopkins School of Medicine, Baltimore, MD, U.S.A., Accordo-Quadro bilaterale di formazione professionale e ricerca scientifica
- Istituto Cardiologico “Alberto C. Taquini”, Università di Buenos Aires, Argentina, Accordo-Quadro bilaterale di formazione professionale e ricerca scientifica
- Hospital Italiano di Buenos Aires, Argentina, Accordo-Quadro bilaterale di formazione professionale e ricerca scientifica
- Sede dell’Unità Operativa di Fisiopatologia Cardiovascolare dell’Istituto Nazionale di Ricerche Cardiovascolari (Sede Consorziata di Perugia)
- Sede Consorziata del Centro Interuniversitario Healthcare Research & Pharmacoepidemiology
- Istituto di Ricovero e Cura a Carattere Scientifico IRCCS MultiMedica, Milano. Accordo-Quadro bilaterale di formazione professionale e ricerca scientifica

Riconoscimenti:

- John E. Fogarty International Award for Advanced Study in Health Sciences (#1 FO5 TWO 3435), National Institutes of Health, U.S.A.
- Premio De Gasperis-Donatelli della Società Italiana di Cardiocirurgia
- Premio Master-Pharma, per ricerche in campo cardiologico
- American College of Cardiology: Fellow
- American Heart Association: Fellow; Council on Circulation, Council on Basic Cardiovascular Sciences
- European Society of Cardiology: Fellow
- Key Contribution", 45th Annual Scientific Session, American College of Cardiology
- American Physiological Society: Fellow, Cardiovascular Section
- International Academy of Cardiovascular Sciences: Fellow

- Sociedad Argentina de Cardiologia: Miembro Correspondiente Extranjero
- Profesor Honorario, Instituto de Cardiologia “Alberto C. Taquini”, Universidad de Buenos Aires, Argentina
- Premio “Ciociaria nel Cuore”, Amministrazione Provinciale di Frosinone
- Premio “Leonardo da Vinci”, Società Italiana di Cardiologia
- Visiting Professor, University of Nis, Nis, Serbia
- Profesor Honorario, Escuela de Medicina, Hospital Italiano, Buenos Aires, Argentina
- Rumanian Society of Cardiology, Honorary Member
- Premio “Florentiae Rubrun Lilium” per Umanità e Professionalità

Principali Linee di Ricerca:

- Fisiopatologia e Clinica dell’Ischemia miocardica
- Fisiopatologia e Clinica del Miocardio “stordito” e “ibernato”
- Fisiopatologia e Clinica dello Scompenso cardiaco
- Meccanismi dello stress ossidativo e del danno miocardico da riperfusione post-ischemica
- Fisiopatologia del microcircolo
- Organizzazione Sanitaria
- Trialistica Clinica

Principali Progetti di Ricerca Indipendente:

- **GRACE** (Global Registry of Acute Coronary Events) University of Massachussets U.S.A. (2000 - 2009)
- **"Inflammation and Repair in Cardiac Ischemia-Reperfusion"**, Program Project Grant, National Institutes of Health, U.S.A., Grant Number: NIH P01 HL065608 (2004 - 2014)
- **MEDIA** (Metabolic Road to Diastolic Dysfunction), FP VII, European Community (2011 - 2016)
- **CONCERTO** (Content- and Context-aware Delivery for Interactive Multimedia Healthcare Applications) #288502, FP VII, European Community (2011 - 2016)
- **Performance evaluation and value assessment for cardiovascular care paths in a regional network context.** Ministero della Salute NET-016-02363853 (2018 -)
- **"Static and dynamic cross-correlation analysis between environment variables and spread of SARS-CoV-2 disease"**, PNRR (2024 -)

Coordinamento di ricerche cliniche e farmacologiche:

- Coordinatore, Commissione Ricerca della Società Italiana di Cardiologia
- Coordinatore Nazionale, **ACUITY** (Acute Catheterization and Urgent Intervention Triage Strategy) trial
- Membro del Consiglio Scientifico, Studio **PROMISE HEART** (Prevalence of abdominal obesity and metabolic syndrome in coronary heart disease)
- Membro dello Steering Committee, e Coordinatore Nazionale, **TRACER** (Thrombin Receptor Antagonist Coronary Event Reduction) trial
- Coordinatore dell’Event Adjudication Committee, **Elderly ACS Study**

- Membro dello Executive Committee, **RED-CABG** (Reduction in Cardiovascular Events by AcaDesine in Patients Undergoing CABG) trial
- Membro dello Operations Committee, e Coordinatore Nazionale, **TECOS** (Trial Evaluating Cardiovascular Outcomes with Sitagliptin in patients with Type 2 Diabetes) trial
- Coordinatore Nazionale, **GARFIELD-AF** (Global Anticoagulant Registry in the FIELD - Atrial Fibrillation) registry
- Membro dello Steering Committee, **CAD** (Efficacy of Ranolazine in patients with Coronary Artery Disease) trial
- Membro dello Operations Committee, e Coordinatore Nazionale, **AEGIS-I** (Apo-A1 Event Reduction in Ischemic Syndromes) trial
- Membro, Committee on Registries and Surveys - Heart Failure Association, European Society of Cardiology
- Membro dello Steering Committee, e Coordinatore Nazionale, **AEGIS-II** (Apo-A1 Event Reduction in Ischemic Syndromes) trial
- Country Lead (Italy), International COVID-19 Mortality Consortium (**C-MOR**)
- Membro dello Steering Committee, e Coordinatore Nazionale, **GARDENIA** (Global registry of Real-world management of high-risk patients with atrial fibrillation)
- Membro dello Steering Committee, e Coordinatore Nazionale, **MILVEXIA** (A Phase 3, Randomized, Double-Blind, Placebo-controlled, Event-driven Study to Demonstrate the Efficacy and Safety of an Oral Factor XIa Inhibitor, after a Recent Acute Coronary Syndrome)
- Membro dello Steering Committee, e Coordinatore Nazionale, **Librexia AF** (A Phase 3, Randomized, Double-Blind, Placebo-controlled, Event-driven Study to Demonstrate the Efficacy and Safety of an Oral Factor XIa Inhibitor in atrial fibrillation)

Ad hoc Advisory Board and Expert Panel:

- Losartan Advisory Board, Merck, Italy
- Expert Group on Microcirculation, Servier SA, France
- Global Cardiovascular Exchange Program, Schering Plough Research Institute, USA
- Coordinatore, Data Safety Monitoring Board, studio SMILE IV, Menarini International
- Ranolazine Advisory Board, Menarini International
- Scientific Advisory Board, Angelini S.p.A.
- Study Session “Ricerca Indipendente Farmaci”, AIFA

Principali Pubblicazioni:

TH Schindler, et al. **Myocardial Perfusion PET for the Detection and Reporting of Coronary Microvascular Dysfunction: A JACC - Cardiovascular Imaging Expert Panel Statement**
JACC Cardiovascular Imaging 16: 536-548, 2023

Carluccio E, et al. **Left atrial strain in the assessment of diastolic function in heart failure: a machine learning approach**

Circulation: Cardiovascular Imaging 16, 2023

Editoriale di Commento: Sannino A, Delgado V. Left Atrial Reservoir Strain and Machine Learning: Augmenting Clinical Care in Heart Failure Patients. Circulation: Cardiovascular Imaging 16, 2023

Pica S, et al. **Cardiac magnetic resonance predictors of left ventricular remodelling following acute ST elevation myocardial infarction: The VavirimS study**

International Journal of Cardiology 370, 8-17, 2023

Editoriale di Commento: Schindler TH. Role of cardiac magnetic resonance imaging in the prediction of left ventricular remodeling after infarction: Emerging new concepts? International Journal of Cardiology 374, 127-128, 2023

Benenati S, et al. **Coronary physiology thresholds associated with microvascular obstruction in myocardial infarction.** Heart 2023 Nov 23:heartjnl-2023-323169.

Sofi F, et al. **Worldwide impact of COVID-19 on hospital admissions for non-ST-elevation acute coronary syndromes (NSTACS): a systematic review with meta-analysis of 553,038 cases.**

European Heart Journal Quality Care Clinical Outcomes 2023 Aug 14:qcad048.

Carluccio E, et al. **Left ventricular remodeling response to SGLT2 inhibitors in heart failure: an updated meta-analysis of randomized controlled studies.**

Cardiovascular Diabetology 22:235, 2023

Verheugt FWA, et al; GARFIELD-AF investigators. **Outcomes of Oral Anticoagulation in Atrial Fibrillation Patients With or Without Comorbid Vascular Disease: Insights From the GARFIELD-AF Registry.**

American Journal of Medicine 2023 Dec;136(12):1187-1195

Carluccio E, et al; Working Group on Heart Failure of the Italian Society of Cardiology. **Effect of sacubitril/valsartan on cardiac remodeling compared with other renin-angiotensin system inhibitors: a difference-in-difference analysis of propensity-score matched samples.**

Clinical Research in Cardiology 2023 Sep 21. doi: 10.1007/s00392-023-02306-0

Demetriou CA et al. **Impact of the COVID-19 pandemic on total, sex- and age-specific all-cause mortality in 20 countries worldwide during 2020: results from the C-MOR project.**

International Journal of Epidemiology;52:664-676, 2023

Ciliberti G, et al. **Characteristics of patients with recurrent acute myocardial infarction after MINOCA.**

Progress in Cardiovascular Disease 2023 Nov-Dec;81:42-47

Sofi F, et al. **Worldwide differences of hospitalization for ST-segment elevation myocardial infarction during COVID-19: A systematic review and meta-analysis.**

International Journal of Cardiology 347:89-96, 2022

Editoriale di Commento: Ong P, Allgauer S: Factors influencing medical care of STEMI patients during the COVID-19 pandemic worldwide. International Journal of Cardiology 2022

Rosano GMC, et al. **Impact of the COVID-19 pandemic on prescription of sacubitril/valsartan in Italy.**

European Journal of Heart Failure 2022; 24:855-860.

Achilleos S, et al. **Excess all-cause mortality and COVID-19-related mortality: a temporal analysis in 22 countries**

International Journal of Epidemiology 51:35-53, 2022

Editoriale di Commento: Helleringer S, Lanza Queiroz B. Measuring excess mortality due to the COVID-19 pandemic: progress and persistent challenges. International Journal of Epidemiology 51:85-87, 2022

Dini FL, et al; Working Group on Heart Failure of the Italian Society of Cardiology. **Echocardiographically defined haemodynamic categorization predicts prognosis in ambulatory heart failure patients treated with sacubitril/valsartan.**

ESC Heart Failure 2022;9:1107-1117

Sharma A, et al. **Cluster Analysis of Cardiovascular Phenotypes in Patients With Type 2 Diabetes and Established Atherosclerotic Cardiovascular Disease: A Potential Approach to Precision Medicine.**

Diabetes Care 45:204-212, 2022

Carluccio E, et al; Working Group on Heart Failure of the Italian Society of Cardiology.

Benefit from sacubitril/valsartan is associated with hemodynamic improvement in heart failure with reduced ejection fraction: An echocardiographic study.

International Journal of Cardiology 350:62-68, 2022

Editoriale di Commento: Donala E, L'official G, Kosmala W. New guidelines for managing chronic heart failure patients and new needs in echocardiography. International Journal of Cardiology 2022

Onder G, et al. **Under-prescription of direct oral anticoagulants for treatment of non-valvular atrial fibrillation and venous thromboembolism in the COVID-19 lockdown period**

European Journal of Preventive Cardiology 29: e149-e152, 2022

Simonovic D, et al. **Exercise-induced B-lines in heart failure with preserved ejection fraction occur along with diastolic function worsening.**

ESC Heart Failure 8:5068-5080, 2021

Del Franco A, et al. **Creatine deficiency and heart failure.**

Heart Failure Review 2021

Ciliberti G, et al. **Pharmacological therapy for the prevention of cardiovascular events in patients with myocardial infarction with non-obstructed coronary arteries (MINOCA): Insights from a multicentre national registry.**

International Journal of Cardiology 15; 327:9-14, 2021

Kobayashi M, et al. **Association between right-sided cardiac function and ultrasound-based pulmonary congestion on acutely decompensated heart failure: findings from a pooled analysis of four cohort studies.**

Clinical Research in Cardiology 110:1181-1192, 2021

Carluccio E, et al. **Burden of Ventricular Arrhythmias in CRT-D and ICD Recipients with Recovered Left Ventricular Ejection Fraction: The Additive Role of Speckle Tracking Echocardiography.**

JASE – Journal of the American Society of Echocardiography 23;721-5, 2021

Carluccio E, et al. **Global longitudinal strain in heart failure with reduced ejection fraction: Prognostic relevance across disease severity as assessed by automated cluster analysis.**

International Journal of Cardiology 332, 91-98, 2021

Ambrosio G, et al. **Serum uric acid and outcomes in patients with chronic heart failure through the whole spectrum of ejection fraction phenotypes: Analysis of the ESC-EORP Heart Failure Long-Term Registry.**

European Journal of Internal Medicine, 89:65-75, 2021

Palazzuoli A, et al. **Current gaps in HFpEF trials: Time to reconsider patients' selection and to target phenotypes**
Progress in Cardiovascular Diseases, 67:89-97 2021

Ambrosio G, et al. **Characteristics, treatment, and outcomes of newly diagnosed atrial fibrillation patients with heart failure: GARFIELD-AF.**
ESC Heart Failure 8:1139-1149, 2021

Gibbs H, et al. **Clinical Outcomes in Asymptomatic and Symptomatic Atrial Fibrillation Presentations in GARFIELD-AF: Implications for AF Screening**
The American Journal of Medicine, 134:893-901, 2021

Coiro S, et al. **Prognostic Value of Dynamic Changes in Pulmonary Congestion During Exercise Stress Echocardiography in Heart Failure With Preserved Ejection Fraction.**
Circulation - Heart Failure 2020

PM Seferović, et al. **European Society of Cardiology/Heart Failure Association position paper on the role and safety of new glucose-lowering drugs in patients with heart failure**
European Journal of Heart Failure 22:196-213, 2020 *Citazioni = 170*

Baci D, **Innate Immunity Effector Cells as Inflammatory Drivers of Cardiac Fibrosis.**
International Journal of Molecular Science 21:7165, 2020

Zhang Y, et al. **Management of Heart Failure Patients With COVID-19. A Joint Position Paper of the Chinese Heart Failure Association & National Heart Failure Committee and the Heart Failure Association of the European Society of Cardiology**
European Journal of Heart Failure 22:941-956, 2020 *Citazioni = 117*

Blanco R, et al. **Prognostic Value of NT-proBNP, and Echocardiographic Indices of Diastolic Function, in Hospitalized Patients With Acute Heart Failure and Preserved Left Ventricular Ejection Fraction**
International Journal of Cardiology 317; 111-120, 2020

Seferović PM, et al. **Sodium Glucose co-transporter-2 Inhibitors in Heart Failure: Beyond Glycaemic Control. The Position Paper of the Heart Failure Association of the European Society of Cardiology**
European Journal of Heart Failure 22:1495-1503, 2020 *Citazioni = 124*

Cimmino G, et al. **Oxidized Low-Density Lipoproteins Induce Tissue Factor Expression in T-Lymphocytes via activation of Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1.**
Cardiovascular Research 116:1125-1135, 2020

Zuchi C, et al. **Role of endothelial dysfunction in heart failure.**
Heart Failure Review 25:21-30, 2020. *Citazioni = 170*

Coiro S, et al: **Association of diabetes and kidney function according to age and systolic function with the incidence of sudden cardiac death and non-sudden cardiac death in myocardial infarction survivors with heart failure.**
European Journal of Heart Failure 21:1248-1258, 2019

Verheugt FW, et al, GARFIELD-AF Investigators. **Outcomes in newly diagnosed atrial fibrillation and history of acute coronary syndromes: insights from GARFIELD-AF.**
American Journal of Medicine 132:1431-1440, 2019

Renda G, et al: Working Group on Thrombosis of the Italian Society of Cardiology. **Thrombotic and hemorrhagic burden in women: Gender-related issues in the response to antithrombotic therapies.**
International Journal of Cardiology 286:198-207, 2019

- Corbalan R, et al. **Analysis of Outcomes in Ischemic vs Nonischemic Cardiomyopathy in Patients With Atrial Fibrillation: A Report From the GARFIELD-AF Registry.**
JAMA Cardiology 4:526-548, 2019
- Carluccio E, et al. **Superior Prognostic Value of Right Ventricular Free Wall Compared to Global Longitudinal Strain in Patients With Heart Failure.**
JASE – Journal of the American Society of Echocardiography 32:836-844, 2019
- Carluccio E, et al. **Left atrial reservoir function and outcome in heart failure with reduced ejection fraction: the importance of atrial strain by speckle tracking echocardiography**
Circulation: Cardiovascular Imaging 11 (11), e007696, Citazioni = 138
Editoriale di Commento: Ersbøll E, Eifer J. Left Atrial Function in Heart Failure With Reduced Ejection Fraction. Isolated Entity? Circulation: Cardiovascular Imaging 2018
- Simonovic D, et al. **Exercise elicits dynamic changes in extravascular lung water and haemodynamic congestion in heart failure patients with preserved ejection fraction.**
European Journal of Heart Failure 20:1366-1369, 2018
- Aimo A, et al. **Sex-related differences in chronic heart failure.**
International Journal of Cardiology 255:145-151, 2018
- Ciliberti G, et al. **Predictors of poor clinical outcomes in patients with acute myocardial infarction and non-obstructed coronary arteries (MINOCA).**
International Journal of Cardiology 267:41-45, 2018.
Editoriale di Commento: Tavella R, et al: MINOCA – A personalized medicine approach? International Journal of Cardiology 267:54-55, 2018.
- Carluccio E, et al. **Prognostic Value of Right Ventricular Dysfunction in Heart Failure With Reduced Ejection Fraction: Superiority of Longitudinal Strain Over Tricuspid Annular Plane Systolic Excursion.**
Circulation Cardiovascular Imaging 2018 Citazioni = 172
Editoriale di Commento: Rudski LG, Fine NM. Right Ventricular Function in Heart Failure: The Long and Short of Free Wall Motion Versus Deformation Imaging. Circulation Cardiovascular Imaging 2018
- Verheugt FWA, et al GARFIELD-AF Investigators. **Characteristics of patients with atrial fibrillation prescribed antiplatelet monotherapy compared with those on anticoagulants: insights from the GARFIELD-AF registry.**
European Heart Journal 39:464-473, 2018
Editoriale di Commento: Healey JS. The winding path towards rationale antithrombotic therapy to prevent stroke in patients with atrial fibrillation. European Heart Journal 39:474-476, 2018
- Cardona A, et al. **T-Wave Abnormality as Electrocardiographic Signature of Myocardial Edema in Non-ST-Elevation Acute Coronary Syndromes.**
Journal of the American Heart Association 2018
- Camm AJ, et al. **Evolving antithrombotic treatment patterns for patients with newly diagnosed atrial fibrillation.**
Heart 15;103:307-314, 2017 Citazioni = 290
- Coiro S, et al. **Association of beta-blocker treatment with mortality following myocardial infarction in patients with chronic obstructive pulmonary disease and heart failure or left ventricular dysfunction: a propensity matched-cohort analysis from the High-Risk Myocardial Infarction Database Initiative.**
European Journal of Heart Failure 19:271-279, 2017
- Ciliberti G, et al. **Safety of intracoronary provocative testing for the diagnosis of coronary artery spasm.**
International Journal of Cardiology 244:77-83, 2017

Chioncel O, et al. **Epidemiology and one-year outcomes in patients with chronic heart failure and preserved, mid-range and reduced ejection fraction: an analysis of the ESC Heart Failure Long-Term Registry**
European Journal of Heart Failure 2017 *Citazioni* = 783

Manolis AJ, et al. **Medical treatment of stable angina: A tailored therapeutic approach.**
International Journal of Cardiology 220:445-53, 2016

McGuire DK, et al. **Association Between Sitagliptin Use and Heart Failure Hospitalization and Related Outcomes in Type 2 Diabetes Mellitus: Secondary Analysis of a Randomized Clinical Trial.**
JAMA Cardiology 1: 126-35, 2016 *Citazioni* = 255

Ambrosio G, et al. **Management of stable angina: A commentary on the European Society of Cardiology guidelines.**
European Journal of Preventive Cardiology 23:1401-12, 2016

Coiro S, et al. **Prognostic value of residual pulmonary congestion at discharge assessed by lung ultrasound imaging in heart failure**
European Journal of Heart Failure 17:1172-81, 2015 *Citazioni* = 259
Editoriale di Commento: Gargani L. Prognosis in heart failure: look at the lungs. European Journal of Heart Failure 17:1086-8.

Camm AJ, et al. **Unresolved issues in the management of chronic stable angina**
International Journal of Cardiology 201:200-207, 2015

Cardona A, et al. **A meta-analysis of published studies of endothelial dysfunction does not support its routine clinical use.**
International Journal of Clinical Practice 69:649–658, 2015
Editoriale di Commento: Ferguson LD, Sattar N. Endothelial function measures: not for clinical prime time?
International Journal of Clinical Practice 69:624-5, 2015

Lip GY, et al. **Does Sex Affect Anticoagulant Use for Stroke Prevention in Nonvalvular Atrial Fibrillation? The Prospective Global Anticoagulant Registry in the FIELD-Atrial Fibrillation**
Circulation - Cardiovascular Quality Outcomes 8(Suppl 1):S12-20, 2015

Senni M, et al. **New strategies for heart failure with preserved ejection fraction: the importance of targeted therapies for heart failure phenotypes**
European Heart Journal 35:2797-815, 2014 *Citazioni* = 404

Cardona A, et al. **Pulse pressure affects the relationship between flow-mediated dilatation and cardiovascular risk**
International Journal of Cardiology 175:579-581, 2014

Weisel RD, et al. **Predictors of Contemporary CABG Outcomes**
Journal of Thoracic and Cardiovascular Surgery, 148:2720-2726, 2014

Carluccio E, et al. **The 'Echo Heart Failure Score': an echocardiographic risk prediction score of mortality in systolic heart failure**
European Journal of Heart Failure 15:868-76, 2013

Gehring M, et al. **Factors influencing clinical trial site selection in Europe: the Survey of Attitudes towards Trial sites in Europe (the SAT-EU Study)**
British Medical Journal Open 2013 Nov 15;3(11):e002957. doi: 10.1136/bmjopen-2013-002957

Zuchi C, et al. **Angina pectoris in women: Focus on microvascular disease**
International Journal of Cardiology, 163:132-40, 2013

Quercioli A, et al. **Coronary vasomotor control in obesity and morbid obesity: contrasting flow responses with endocannabinoids, leptin, and inflammation.**

JACC Cardiovascular Imaging 5:805-15, 2012

Editoriale di Commento: Gropler RJ: The Road Connecting Obesity and Coronary Vasomotor Function: Straight Line or U-Turn? JACC: Cardiovascular Imaging 5:816-818, 2012

Chang H, et al. **Non-ST-Segment Elevation Acute Coronary Syndromes: Targeted Imaging to Refine Upstream Risk Stratification**

Circulation - Cardiovascular Imaging 5:536-546, 2012

Newman MF, et al. **Effect of adenosine-regulating agent adenosine on morbidity and mortality associated with coronary artery bypass grafting: the RED-CABG randomized controlled trial**

JAMA – Journal of the American Medical Association 308:157-64, 2012

Tricoci P, et al. **Thrombin-Receptor Antagonist Vorapaxar in Acute Coronary Syndromes**

New England Journal of Medicine 366:20-33, 2012

Citazioni = 880

Ghiadoni L, et al. **Assessment of flow-mediated dilation reproducibility: a nationwide multicenter study**

Journal of Hypertension 30:1399-405, 2012

Citazioni = 171

Editoriale di Commento: O'Rourke MF: Endothelial (DYS) Function: Quo vadis, Cur vadis. Journal of Hypertension 30:1321-1324, 2012

Verdecchia P, et al. **Day-night dip and early-morning surge in blood pressure in hypertension: prognostic implications**

Hypertension 60:34-42, 2012

Citazioni = 358

Best Paper in Epidemiology 2012

Editoriale di Commento: White WB: "The Nighttime Might be the Right Time" for Cardiovascular Event Prediction. Hypertension 60:8-9, 2012

Carluccio E, et al. **Presence of extensive LV remodeling limits the benefits of CRT in patients with intraventricular dyssynchrony**

JACC Cardiovasc Imaging 4:1067-76, 2011

Editoriale di Commento: Exner DK: Predicting Benefit From CRT: When Is it Too Little, Too Late? JACC – Cardiovascular Imaging. 4, 1077-1079, 2011

Ambrosio G, et al. **β -blockade with nebivolol for prevention of acute ischaemic events in elderly patients with heart failure**

Heart 97:209-214, 2011

Reboldi G, et al. **Effects of intensive blood pressure reduction on myocardial infarction and stroke in diabetes: a meta-analysis in 73 913 patients**

Journal of Hypertension 29:1253-1269, 2011

Citazioni = 397

Editoriale di Commento: Lv J, Perkovic V: Blood pressure management in diabetes: a path forward? Journal of Hypertension 29:1283-1284, 2011

Carluccio E, et al. **Advantages of deformation indices over systolic velocities in assessment of longitudinal systolic function in patients with heart failure and normal ejection fraction**

European Journal of Heart Failure 13:292-302, 2011

Ambrosio G, et al. **Impact of chronic antiplatelet therapy before hospitalization on ischemic and bleeding events in invasively managed patients with acute coronary syndromes: the ACUTY trial**

European Journal of Cardiovascular Prevention and Rehabilitation 18:121–128, 2011

S Sitia, et al. **From endothelial dysfunction to atherosclerosis.**

Autoimmunity Reviews 9:830-834, 2010

Citazioni = 716

Beigelman R, et al. **Are kinking and coiling of carotid artery congenital or acquired?**

Angiology 61:107-112, 2010

Citazioni = 127

Raman SV, et al. **Cardiac Magnetic Resonance With Edema Imaging Identifies Myocardium at Risk and Predicts Worse Outcome in Patients With Non–ST-Segment Elevation Acute Coronary Syndrome**

Journal of the American College of Cardiology 55:2480–8, 2010.

Citazioni = 142

Editoriale di Commento:

Klocke FJ: Cardiac Magnetic Resonance Measurements of Area at Risk and Infarct Size in Ischemic Syndromes, Journal of the American College of Cardiology 55:2489–90, 2010

Ambrosio G, et al. **Chronic Nitrate Therapy is Associated with Different Presentation and Evolution of Acute Coronary Syndromes: Insights from 52,693 Patients in the Global Registry of Acute Coronary Events (GRACE)**

European Heart Journal 31:430-8, 2010

Citazioni = 106

Monaco M, et al. **Systematic strategy of prophylactic coronary angiography improves long-term outcome after major vascular surgery in medium- to high-risk patients: a prospective, randomized study.**

Journal of the American College of Cardiology 54:989-96, 2009.

Citazioni = 222

Editoriale di Commento:

Landesberg G, Mosseri M: “Prophylactic pre-operative coronary revascularization: is the Phoenix awakening? Journal of the American College of Cardiology 54:996-998, 2009.

Carluccio E, et al. **Effect of revascularizing viable myocardium on left ventricular diastolic function in patients with ischemic cardiomyopathy.**

European Heart Journal 30:1501-1509, 2009.

Stassano P, et al. **Myocardial revascularization by left ventricular assisted beating heart is associated with reduced systemic inflammatory response.**

Annals of Thoracic Surgery 87:46-52, 2009.

Editoriale di Commento:

Jeppsson A: "Invited Commentary", Annals of Thoracic Surgery 87:52-53, 2009.

Moreo A, et al. **Influence of myocardial fibrosis on left ventricular diastolic function: Noninvasive assessment by cardiac magnetic resonance and echo**

Circulation - Cardiovascular Imaging 2:437-443, 2009

Citazioni = 241

Sciahbasi A et al. **Arterial access-site–related outcomes of patients undergoing invasive coronary procedures for acute coronary syndromes (from the ComPaRison of Early Invasive and Conservative Treatment in Patients With Non–ST-ElevatiOn Acute Coronary Syndromes [PRESTO-ACS] Vascular Substudy)**

American Journal of Cardiology 103: 796-800, 2009.

Citazioni = 173

Pries AR et al. **A review of methods for assessment of coronary microvascular disease in both clinical and experimental settings**

Cardiovascular Research 80; 165-174, 2008

Citazioni = 156

Guerri-Guttemberg R, et al. **Chagas cardiomyopathy: Europe is not spared**

European Heart Journal 29, 2587–2591, 2008

Citazioni = 133

Dumitrescu C, et al. **Myocardial ischemia results in tetrahydrobiopterin (BH4) oxidation with impaired endothelial function ameliorated by BH4.**

PNAS (Proceedings of the National Academy of Science, USA) 104:15081-15086, 2007

Citazioni = 244

- Milei J, et al. **Relationship among oxidative stress, lipid peroxidation, and ultrastructural damage in patients with coronary artery disease undergoing cardioplegic arrest/reperfusion.**
Cardiovascular Research 73:710-719, 2007.
Editoriale di Commento: Chambers DJ: "Oxidative stress injury during cardiac surgery: how important is it?"
Cardiovascular Research 73:626-629, 2007.
- De Palma R, et al. **Patients with acute coronary syndrome show oligoclonal T-cell recruitment within unstable plaque: Evidence for a local, intracoronary immunological mechanism**
Circulation 113:640-646, 2006. *Citazioni = 175*
- Carluccio E, et al. **Patients with hibernating myocardium show altered left ventricular volumes and shape, which revert following revascularization: Evidence that dysnergy may directly induce cardiac remodeling**
Journal of the American College of Cardiology 47:969-977, 2006. *Citazioni = 162*
Editoriale di Commento: Rahimtoola SH, et al. "Hibernating myocardium: another piece of the puzzle falls into place". Journal of the American College of Cardiology 47:978-90, 2006
- Milei J, et al. **Ultrastructural evidence of increased tolerance of hibernating myocardium to cardioplegic ischemia-reperfusion injury**
Journal of the American College of Cardiology 43:2329-36, 2004.
- Verdecchia P, et al. **Risk of cardiovascular disease in relation to achieved office and ambulatory blood pressure control in treated hypertensive subjects**
Journal of the American College of Cardiology 39:878-885, 2002. *Citazioni = 170*
- Levy BI, et al. **The microcirculation in hypertension: A new target for treatment?**
Circulation 104:735-740, 2001. *Citazioni = 943*
- Verdecchia P, et al. **Left ventricular hypertrophy as an independent predictor of acute cerebrovascular events in essential hypertension**
Circulation 104:2039-2044, 2001. *Citazioni = 425*
- Duilio C, et al. **Neutrophils are primary source of O₂ radicals during reperfusion after prolonged myocardial ischemia**
American Journal of Physiology, Heart and Circulatory Physiology 280:H2649-57, 2001. *Citazioni = 371*
- Paolocci N, et al. **Oxygen radical-mediated reduction in basal and agonist-evoked NO release in isolated rat heart**
Journal of Molecular and Cellular Cardiology 33:671-679, 2001. *Citazioni = 110*
- Ambrosio G, Tritto I. **Reperfusion injury: experimental evidence and clinical implications.**
American Heart Journal 138:69-75, 1999. *Citazioni = 489*
- Abete P, et al. **Age-related decrease in cardiac tolerance to oxidative stress**
Journal of Molecular and Cellular Cardiology 31:227-236, 1999. *Citazioni = 131*
- Napoli C, et al. **New-onset angina preceding acute myocardial infarction is associated with improved contractile recovery after thrombolysis**
European Heart Journal 19:411-419, 1998.
Editoriale di Commento: Dana AM and Yellon D. "Cardioprotection by pre-infarct angina: is it ischaemic preconditioning?" European Heart Journal 19:367-369, 1998.
- Tritto I, et al. **Oxygen radicals can induce preconditioning in rabbit hearts**
Circulation Research 80:743, 1997. *Citazioni = 378*

- Ambrosio G, et al. **Prolonged impairment of regional contractile function after resolution of exercise-induced angina: Evidence of myocardial stunning in patients with coronary artery disease**
Circulation 94:2455, 1996. *Citazioni = 260*
- Golino P, et al. **Effects of Tissue Factor induced by oxygen free radicals on coronary flow during reperfusion**
Nature Medicine 2:35, 1996. *Citazioni = 232*
- Ambrosio G, et al. **The role of oxygen free radicals in preconditioning.**
Journal of Molecular and Cellular Cardiology 27; 1035-1039, 1995 *Citazioni = 116*
- Ambrosio G, et al. **Oxygen radicals inactivate human plasma acetylhydrolase, the enzyme that catabolizes platelet-activating factor**
Journal of Clinical Investigation 93:2408, 1994. *Citazioni = 151*
- Pawashe AB, et al. **A monoclonal antibody against rabbit tissue factor inhibits thrombus formation in stenotic injured rabbit carotid arteries.**
Circulation Research 74; 56-63, 1994 *Citazioni = 176*
- Ambrosio G, et al. **Evidence that mitochondrial respiration is a source of potentially toxic oxygen free radicals in intact rabbit hearts subjected to ischemia and reflow**
Journal of Biological Chemistry 268:18532, 1993. *Citazioni = 652*
- Jeremy RW, et al. **The functional recovery of post-ischemic myocardium requires glycolysis during early reperfusion**
Journal of Molecular and Cellular Cardiology 25: 261-276, 1993 *Citazioni = 103*
- [Angiotensin II directly stimulates release of atrial natriuretic factor in isolated rabbit hearts.](#)
A Focaccio, M Volpe, G Ambrosio, G Lembo, S Pannain, S Rubattu, ...
Circulation 87 (1), 192-198. 103
- Golino P, et al. **Endothelium-derived relaxing factor modulates platelet aggregation in an in vivo model of recurrent platelet activation**
Circulation Research 71:1447, 1992.
- Ambrosio G, et al. **Oxygen radicals generated at reflow induce peroxidation of membrane lipids in reperfused hearts**
Journal of Clinical Investigation 87:2056, 1991. *Citazioni = 325*
- Ambrosio G, et al. **The relationship between oxygen radical generation and impairment of myocardial energy metabolism following post-ischemic reperfusion.**
Journal of Molecular and Cellular Cardiology 23:1359, 1991. *Citazioni = 183*
- Cerbai E, et al. **Cellular electrophysiological basis for oxygen radical-induced arrhythmias: A patch-clamp study in guinea-pig ventricular myocytes.**
Circulation 84:1773, 1991 *Citazioni = 117*
- Ambrosio G, et al. **Effects of ATP precursors on ATP and free ADP content and functional recovery of postischemic hearts.**
American Journal of Physiology 256:H560, 1989. *Citazioni = 117*
- Ambrosio G, et al. **Progressive impairment of regional myocardial perfusion following initial restoration of post-ischemic blood flow**
Circulation 80:1846, 1989. *Citazioni = 622*

Brevetti G, et al. **Increases in walking distance in patients with peripheral vascular disease treated with L-carnitine: a double-blind, cross-over study**

Circulation 77:767, 1988.

Citazioni = 262

Becker LC, Ambrosio G. **Myocardial consequences of reperfusion.**

Progress in Cardiovascular Disease 30:23, 1987.

Citazioni = 333

Ambrosio G, et al. **Improvement of post-ischemic myocardial function and metabolism by administration of deferoxamine at the time of reflow: The role of iron in the pathogenesis of reperfusion injury**

Circulation 76:906, 1987.

Citazioni = 321

Ambrosio G, et al. **Evidence for a reversible, oxygen radical mediated component of reperfusion damage:**

Reduction by recombinant human superoxide dismutase administered at the time of reflow

Circulation 75:282, 1987.

Citazioni = 347

Ambrosio G, **Preserved high energy phosphate metabolic reserve in globally "stunned" hearts despite reduction of basal ATP content and contractility**

Journal of Molecular and Cellular Cardiology 19:953, 1987.

Citazioni = 147

Ambrosio G, et al. **Reduction in experimental infarct size by recombinant human superoxide dismutase: Insights into the pathophysiology of reperfusion injury**

Circulation 74:1424, 1986.

Citazioni = 460

Autorizzo il trattamento dei dati personali in accordo al dl 196/2003

31.5.2023