

Curriculum Vitae 2020

Carlo Di Mario

Posizione Attuale e Indirizzo

- Professore Ordinario di Cardiologia, Università di Firenze
- Direttore della Scuola di Specializzazione in Malattie Cardiovascolari Università di Firenze
- Direttore del Master in Clinical Competence in Terapia Intensiva Cardiologica Univ. di Firenze
- Direttore SODc Cardiologia Interventistica Strutturale AOUC Careggi

Training ed Educazione

- "Liceo Classico R. Franchetti", Venezia, Italia, 60/60.
- Laurea in Medicina e Chirurgia all'Università di Padova, 110/110 e lode. Media degli esami: 30/30.
- Certificato come Cardiologo in Olanda
- Certificato come Cardiologo nel Regno Unito

Titoli Post-Laurea

- Specializzato in Cardiologia all'Università di Padova (Direttore Prof. S. Dalla Volta) 70/70 e lode
- PhD all'Erasmus University, Rotterdam, Olanda sul tema "Imaging e Doppler intracoronarico" Relatori: Prof. P.W. Serruys, Prof. J.R.T.C. Roelandt; Thoraxcenter, Rotterdam

Affiliazioni e Cariche in Società Scientifiche

- Membro (1981) della Società Italiana di Cardiologia (S.I.C.)

- Membro (1984) del Gruppo Studi Emodinamici (GISE)
- Membro (1987) dell'Associazione Nazionale dei Cardiologi Ospedalieri (A.N.M.C.O.)
- Rappresentante per la Società Europea di Cardiologia (ESC) nel Comitato sugli Standard DICOM 77
- Membro della Task Force che ha redatto le linee guida 2002 della Società Europea di Cardiologia sulla Morte Improvvisa
- Membro (2003) della British Cardiac Society (BCS)
- Membro (2003) della British Cardiac Interventional Society (BCIS)
- Segretario (2002-2004) del Working Group sul Circolo Coronarico della Società Europea di Cardiologia
- Vice-Presidente (2004-2006) del Working Group di Cardiologia Interventistica della Società Europea di Cardiologia
- Revisore delle linee guida 2005 della Società Europea di Cardiologia sugli Interventi percutanei coronarici
- Membro nominato dalla Società Europea di Cardiologia (2004-2007) dello European Board for the Specialty in Cardiology, un Comitato congiunto della Unione dei Medici Specialisti Europei (UEMS) e ESC
- Presidente (2004-2008) del Gruppo di Lavoro su Training in Cardiologia Interventistica della Società Europea di Cardiologia e primo autore del Curriculum per questa Sotto-specialità approvato dalla Società Europea di Cardiologia e tuttora in vigore (pubblicato su EuroIntervention nel 2007)
- Membro del Comitato di Garanti della Società di Angiografia e Interventistica (SCAI) – Stati Uniti
- Membro del Comitato Scientifico di stesura del programma 2003-05 del Congresso dell' American College of Cardiology
- Direttore (2005-2011) del London Interventional Cardiology Fellows Course, un'iniziativa educativa ufficiale dell' Associazione Europea di Interventistica Cardiovascolare Percutanea (EAPCI)
- Revisore e coautore delle linee guida 2007 della Società Europea di Cardiologia sull'Infarto Miocardico con Elevazione del Segmento ST (STEMI)
- Presidente Eletto (2007-2009) dell' Associazione Europea di Interventistica Cardiovascolare Percutanea (EAPCI)
- Membro (2008-2012) del Comitato Scientifico per la preparazione del Congresso Annuale ESC sugli argomenti Coronary Artery Disease/ Peripheral Disease/Cardiovascular Surgery riportando per due anni un sommario delle novità emerse durante il Congresso durante la Cerimonia di Chiusura
- Presidente (2009-11) dell' Associazione Europea di Interventistica Cardiovascolare Percutanea (EAPCI) dalla Società Europea di Cardiologia
- Membro della Task Force congiunta ESC-EACTS (Associazione Europea dei Chirurghi Cardiovascolari) responsabile della stesura delle Linee Guida 2010 sulla Rivascolarizzazione Miocardica
- Direttore del Registro sul Trattamento con Valvole Transcatetere della Società Europea di Cardiologia
- Relatore per la ESC in vari congressi internazionali congiunti (Società di Cardiologia dell'Arabia Saudita 2012 and 2013; Brasile 2012, Egitto 2013))
- Membro (dal 2009) del Comitato Esecutivo dell'iniziativa congiunta EAPCI/ESC Stent per la Vita
- Membro della Task Force che ha redatto le linee guida 2012 della Società Europea di Cardiologia sull'Infarto Miocardico con Elevazione del Segmento ST (STEMI)
- Membro della Task Force che ha redatto le linee guida 2013 della Società Europea di Cardiologia sull' Angina Stabile
- 2013-15 Consigliere della Società Europea di Cardiologia
- 2013-15 Membro dell' Interventional Committee dell' American College of Cardiology
- 2017: Presidente Eletto dello EuroCTO Club
- 2019: Presidente Eletto della Sezione Tosco-Umbra della Società Italiana di Cardiologia

Insegnamento

- 1991-2020: invited Speaker o Direttore-Codirettore di Congressi Nazionali e Internazionali con più di 1000 letture compreso il Congresso della Società Europea di Cardiologia, American Heart Association, American College of Cardiology, TransCatheter Therapeutics, CRT, EuroPCR
- 1991-95: Junior Lecturer Erasmus University Rotterdam (esercitazioni e lezioni a studenti di Medicina e Specializzandi in Cardiologia)
- 2002: Fondatore con il Dr Colombo e Professor Maseri del Master in Interventional Cardiology dell'Università Vita-Salute "San Raffaele" Milano, Italia.
- 2001-2003: Professore a Contratto di Cardiologia Interventistica nel Master Chirurgia Endovascolare Università Milano-Bicocca (Professor Biase).
- 1991-2000: Direttore di 3 corsi nell'ambito dell' Education & training programme presso la European Heart House di Sophia Antipolis (Eco e Doppler intravascolare, Brachiterapia, Imaging Intracoronarico)
- 2003-2016: Supervisore di 32 Research o Training Cardiology Fellowships semestrali o annuali presso il Royal Brompton Hospital: Omer Goktekin (ora Professore Cardiologia Università di Istanbul, Turchia), Francesco Borgia (ora Ricercatore, Univ di Napoli), Jun Tanigawa (ora Cath Lab Director, Kyoto, Japan), Sahin Kaplan (ora Cath Lab Director, Trebizond, Turkey), Antonio La Manna (Univ. Di Catania), Giuseppe Ferrante (Humanitas), Francesca Pugliese (Barts Hospital, now Cardiac Imaging Research Director), Pawel Tyczynski (Univ di Varsavia), Gioel Gabrio Secco (Osp. Alessandria), Francesca Del Furia (Osp San Donato), Alessio Mattesini (Univ Firenze), Gianluca Caiazza (Univ Napoli), Enrico Fabris (Univ Trieste), Matteo Ghione (Osp Savona), Roberta Serdoz (Univ Roma Tor Vergata), Rodrigo Estevez-Louriero (Univ Leon, Spagna), Rafael Moscicki (Univ Cadiz, Spagna), Paulo Aguiar-Soto (Univ Salamanca, Spagna), Eduardo Alegria-Barrero (Univ Madrid), Nikolaidis Konstantinides (Univ Salonicco, Grecia), Renato Parisi (Univ Catania, ora Osp Pesaro), Michele Pighi (Univ Verona, ora Montreal Heart Center, Canada), Carlo Zivelonghi (Univ Verona, ora Osp. Zwolle, Olanda), Nicola Viceconte (Univ Roma Sapienza), Alessandra Giavarini (Osp Sacco, Milano), Rodrigo Teijero Mestre (Univ Bogotà), Gianni Dall'Ara (Univ Bologna), Dimitri Syrseloudis (Univ Athens, ora Univ Hosp Croydon, London), Pak Hei Chan (Univ Queen Mary, Hong Kong), Liviu Ghilencea (Univ Bucarest, Romania),
- 2007: Supervisore di 3 MSc tesi dei Dr MW Islam, AS Tanko, AS Hasan (Imperial College, Londra);
- 2008: Supervisore della tesi di MD su "Cardiovascular Assessment with MSCT" del Dott E. Nicol (Imperial College).
- 2004-2010- Membro del Comitato di Valutazione di 4 PhD tesi all'Erasmus University di Rotterdam:
- 2005-2009: Professore a Contratto di della Specializzazione in Cardiologia dell' Università di Catania (Professor Tamburino)
- 2009: Promotore del Dr Peter Barlis, PhD student al Royal Brompton tra 2005 e 2008
- 2009: Supervisore della tesi di PhD del Dr N. Hadjiloizou (Imperial College)
- 2007-2012: Direttore del Fellows Training Course dell'EAPCI, Royal College of Physicians, Londra

- 2003-2016: Undergraduate & post graduate teaching sia come lezioni formali che esercitazioni e supervisione di attività clinica, Royal Brompton Hospital e Imperial College.
- 2013-16: Supervisore della tesi di PhD su “Renal Denervation in PEF Heart Failure” del Dott Hitesh Patel
- 2016-attuale: Professore Ordinario di Malattie Cardiovascolari, Università di Firenze (lezioni ed esami a studenti in Medicina e in Odontoiatria e a specializzandi in Cardiologia)
- 2017-attuale: Supervisore 2 tesi PhD Università di Firenze: Dottoranda Giulia Pontecorboli: Triage della cardiomiopatia ischemica e dilatativa in pazienti con HIV; Dottoranda Carlotta Sorini Dini: Litotripsia in severe lesioni calcifiche coronariche
- 2017-attuale: Coordinatore del primo semestre 4 Anno Medicina, Univ Firenze
- 2017: Membro del Comitato didattico per la revisione del Curriculum di Medicina e l’avvio di un corso in Inglese presso la Facoltà di Medicina, Univ di Firenze
- 2018-attuale: Supervisore Borsa di Studio Dr Brunilda Hamiti: Impatto clinico dell’Heart Team Cardiologia Interventistica Strutturale dell’Area Vasta Centro Toscana
- 2019-20: Supervisore di due assegni di ricerca: Dr Francesca Ristalli: Stima del regurgito aortico paraprotetico dopo TAVI: confronto tra risonanza magnetica, ecocardiografia e parametri emodinamici; Dott. Antonio Martellini: Ipertensione polmonare: Nuove Frontiere in Terapia
- 2018-2020: Relatore di 19 tesi di Laurea Magistrale in Medicina e Chirurgia: Antonio Parise: Anestesia locoregionale ecoguidata versus sedoanalgesia durante TAVI: effetti emodinamici valutati con metodica miniinvasiva (PRAM); Giulia Migliozzi: Esperienza di un Heart-Brain team dedicato a pazienti con forame ovale pervio; Ginevra Corti: Degenerazione di bioprotesi aortiche transcateretere a 5 anni: esperienze delle prime 180 TAVI a Careggi Firenze; Michele Draisci: Caratterizzazione della placca aterosclerotica con OCT nelle sindromi coronariche acute; Jacopo Venturini: Riparazione valvolare mitralica transcateretere con la MitraClip; Roberto Falco: Imaging intracoronarico come guida alla rivascolarizzazione percutanea del tronco comune della coronaria sinistra; Giulio Jacopetti: Valutazione di un algoritmo emodinamico per la stima del regurgito aortico paraprotetico dopo TAVI: confronto con la risonanza magnetica; Jacopo Lomi: Denervazione renale nell’ipertensione arteriosa resistente. Esperienza 2102-19 in Toscana; Giovanni D’Errico: Intezioni da HCV e cardiopatia ischemica: comorbidità o fattore di rischio emergente?; Tommaso Bini: Gestione contemporanea della cardiopatia ischemica stabile: ruolo della valutazione invasiva e non per l’identificazione dell’ischemia inducibile; Beatrice Bacchi: Long-term prognosis in Takotsubo syndrome: a novel predictive score derived from 1160 patients of the InterTAK registry (in cooperation with University of Zurich); Matteo Tarocchi: Ticagrelor polverizzato somministrato in ambulanza o in sala di emodinamica nell’angioplastica primaria; Edoardo Messina: Morfologia dell’auricola sinistra ed eventi cerebrovascolari nei pazienti candidati a TAVI: ruolo dell’angioTAC preoperatoria; Edoardo Sottili: Valutazione ecocardiografica della funzione diastolica ventricolare sinistra: valutazione di un nuovo parametro ottenuto dalla analisi M-mode del movimento dell’anello mitralico; Alessia Ciarlito: Miglioramento della gestione dello scompenso cardiaco con l’uso di dispositivi impiantabili per il monitoraggio pressorio atriale sinistro; Mauro Bagli: Results of systematic cardiovascular screening of HIV patients; Maria Federica Crociani: La ricanalizzazione delle occlusioni croniche in tre ospedali toscani. Considerazioni derivate dallo studio di 180 pazienti consecutivi;
- Membro del Collegio di Dottorato in Scienze Cliniche del Dipartimento di Medicina Sperimentale e Clinica

- Membro del Comitato di Indirizzo ed Autovalutazione del Dipartimento di Medicina Sperimentale e Clinica dell'Università di Firenze
- Docente nel Master in Terapia Transcatetere delle Cardiopatie Strutturali e del Master in Terapia Transcatetere delle Cardiopatie Coronariche presso l'Università Sant'Anna di Pisa
- Docente del Master in Clinical Competence in Heart Failure promosso dall'ANMCO presso l'Università di Firenze (tre edizioni, 2018, 2019, 2020)
- Direttore della Scuola di Specializzazione in Malattie Cardiovascolari dell'Università di Firenze dal 2019 (43 allievi nel 2020)

Principali Comitati Editoriali

- European Heart Journal
- EuroIntervention (Associate Editor dal 2012, now Section editor per State-of-the-Art reviews)
- European Journal of Cardiovascular Imaging (Associate Editor dal 2008)
- International Journal of Cardiology (Associate Editor: 2004-2020)
- Catheterization & Cardiovascular Interventions
- Journal of Cardiovascular Medicine (formerly Italian Heart Journal)
- Internal and Emergency Medicine (Associate Editor)
- Journal of the American College of Cardiology
- Cardiovascular Revascularization Medicine
- Heart (1995-2010)

Fellowships / Premi

- Fellow (1990) della Società Europea di Cardiologia (FESC)
- Fellow (1995) dell' American College of Cardiology (FACC)
- Fellow (1997) della Society of Cardiac Angiography & Interventions (FSCAI)
- Fellow (2005) del Royal College of Physicians (FRCP)
- Premio alla Carriera (2003) della Società Polacca di Cardiologia Interventistica
- Premio alla Carriera (2005) della Società Serba di Cardiologia Interventistica
- Senior Investigator (2010) National Institute of Health Research
- Bronze National (2011, rinnovato 2016) NHS Award
- Professore Onorario di Cardiologia Università di Belgrado
- Cittadinanza Onoraria Comune Palazzo San Gervasio (Potenza)
- Premio Eccellenze Lucane Fiorentine

Pubblicazioni

- 697 pubblicazioni su peer reviewed journals (H-index 84, 32429 citazioni Dic 2019): elenco 216 articoli ultimi 5 anni (2014-2019)
1. Ding KJ, Cammann VL, Szawan KA, Stähli BE, Wischnewsky M, Di Vece D, Citro R, Jaguszewski M, Seifert B, Sarcon A, Knorr M, Heiner S, Gili S, D'Ascenzo F, Neuhaus M, Napp LC, Franke J, Noutsias M, Burgdorf C, Koenig W, Kherad B, Rajan L, Michels G, Pfister R, Cuneo A, Jacobshagen C, Karakas M, Pott A, Meyer P, Arroja JD, Banning A, Cuculi F, Kobza R, Fischer TA, Vasankari T, Airaksinen KEJ, Paolini C, Bilato C, Carrilho-Ferreira P, Opolski G, Dworakowski R, MacCarthy P, Kaiser C, Osswald S, Galiuto L, Dichtl W, Chan C, Bridgman P, Delmas C, Lairez O, El-Battrawy I, Akin I, Gilyarova E, Shilova A, Gilyarov M, Kozel M, Tousek P, Widimský P, Winchester DE, Galuszka J, Ukena C, Horowitz JD, Di Mario C, Prasad A, Rihal CS, Pinto FJ, Crea F, Borggreffe M, Braun-Dullaeus RC, Rottbauer W, Bauersachs J, Katus HA, Hasenfuß G, Tschöpe C, Pieske BM, Thiele H, Schunkert H, Böhm M, Felix SB, Münzel T, Bax JJ, Lüscher TF, Ruschitzka F, Ghadri JR, Bossone E, Templin C. Intraventricular Thrombus Formation and Embolism in Takotsubo Syndrome: Insights From the International Takotsubo Registry. *Arterioscler Thromb Vasc Biol*. **2019** Nov 26;ATVBAHA119313491. doi: 10.1161/ATVBAHA.119.313491. [Epub ahead of print] PMID:31766870
 2. Ristalli F, Dini CS, Stolcova M, Nardi G, Valente S, Meucci F, Di Mario C. Role of Lithotripsy for Small Calcified Iliacs in the Era of Big Devices. *Curr Cardiol Rep*. **2019** Nov 22;21(11):143. doi: 10.1007/s11886-019-1245-2. Review. PMID:3175836
 3. Jurisic S, Gili S, Cammann VL, Kato K, Szawan KA, D'Ascenzo F, Jaguszewski M, Bossone E, Citro R, Sarcon A, Napp LC, Franke J, Noutsias M, Knorr M, Heiner S, Burgdorf C, Koenig W, Pott A, Kherad B, Rajan L, Michels G, Pfister R, Cuneo A, Jacobshagen C, Karakas M, Meyer P, Arroja JD, Banning A, Cuculi F, Kobza R, Fischer TA, Vasankari T, Airaksinen KEJ, Dworakowski R, Kaiser C, Osswald S, Galiuto L, Dichtl W, Chan C, Bridgman P, Beug D, Delmas C, Lairez O, Kozel M, Tousek P, Winchester DE, Gilyarova E, Shilova A, Gilyarov M, El-Battrawy I, Akin I, Galuszka J, Ukena C, Poglajen G, Paolini C, Bilato C, Carrilho-Ferreira P, Pinto FJ, Opolski G, MacCarthy P, Kobayashi Y, Prasad A, Rihal CS, Widimský P, Horowitz JD, Di Mario C, Crea F, Tschöpe C, Pieske BM, Hasenfuß G, Rottbauer W, Braun-Dullaeus RC, Felix SB, Borggreffe M, Thiele H, Bauersachs J, Katus HA, Schunkert H, Münzel T, Böhm M, Bax JJ, Lüscher TF, Ruschitzka F, Ghadri JR, Templin C. Clinical Predictors and Prognostic Impact of Recovery of Wall Motion Abnormalities in Takotsubo Syndrome: Results From the International Takotsubo Registry. *J Am Heart Assoc*. **2019** Nov 5;8(21):e011194. doi: 10.1161/JAHA.118.011194. Epub **2019** Nov 1. PMID:31672100
 4. Serruys PW, Chichareon P, Modolo R, Leaman DM, Reiber JHC, Emanuelsson H, Di Mario C, Pijls NHJ, Morel MA, Valgimigli M, Farooq V, van Klaveren D, Capodanno D, Andreini D, Bourantas CV, Davies J, Banning AP, Escaned J, Piek JJ, Echavarría-Pinto M, Taylor CA, Thomsen B, Collet C, Pompilio G, Bartorelli AL, Glocker B, Dressler O, Stone GW, Onuma Y. The SYNTAX score on its way out or ... towards artificial intelligence: part I. *EuroIntervention*. **2019** Oct 25. pii: EIJ-D-19-00543A. doi: 10.4244/EIJ-D-19-00543A. [Epub ahead of print] No abstract available. PMID:31651399
 5. Serruys PW, Chichareon P, Modolo R, Leaman DM, Reiber JHC, Emanuelsson H, Di Mario C, Pijls NHJ, Morel MA, Valgimigli M, Farooq V, van Klaveren D, Capodanno D, Andreini D, Bourantas CV, Davies J, Banning AP, Escaned J, Piek JJ, Echavarría-Pinto M, Taylor CA, Thomsen B, Collet C, Pompilio G, Bartorelli AL, Glocker B, Dressler O, Stone GW, Onuma Y. The SYNTAX score on its way out or ... towards artificial intelligence: part II. *EuroIntervention*. **2019** Oct 25. pii: EIJ-D-19-00543B. doi: 10.4244/EIJ-D-19-00543B. [Epub ahead of print] No abstract available. PMID:31651398
 6. Kim CH, Koo BK, Dehbi HM, Lee JM, Doh JH, Nam CW, Shin ES, Cook CM, Al-Lamee R, Petraco R, Sen S, Malik IS, Nijjer SS, Mejía-Rentería H, Alegria-Barrero E, Alghamdi A, Altman J, Baptista SB, Bhindi R, Bojara W, Brugaletta S, Silva PC, Di Mario C, Erglis A, Gerber RT, Going O, Härle T, Hellig F, Indolfi C, Janssens L, Jeremias A, Kharbanda RK, Khashaba A, Kikuta Y, Krackhardt F, Laine M, Lehman SJ, Matsuo H,

- Meuwissen M, Niccoli G, Piek JJ, Ribichini F, Samady H, Sapontis J, Seto AH, Sezer M, Sharp ASP, Singh J, Takashima H, Talwar S, Tanaka N, Tang K, Van Belle E, van Royen N, Vinhas H, Vrints CJ, Walters D, Yokoi H, Samuels B, Buller C, Patel MR, Serruys PW, Escaned J, Davies JE. Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserve-Guided Revascularization Strategy. *JACC Cardiovasc Interv.* **2019** Oct 28;12(20):2035-2046. doi: 10.1016/j.jcin.2019.06.035. PMID:31648764
7. Scudiero F, Arcari L, Cacciotti L, De Vito E, Marcucci R, Passaseo I, Limite LR, Musumeci MB, Autore C, Citro R, Bossone E, Sanna GD, Bacchi B, Volpe M, Di Mario C, Parodi G. Prognostic relevance of GRACE risk score in Takotsubo syndrome. *Eur Heart J Acute Cardiovasc Care.* **2019** Oct 23:2048872619882363. doi: 10.1177/2048872619882363. [Epub ahead of print] PMID:31642689
 8. Waksman R, Di Mario C, Torguson R, Ali ZA, Singh V, Skinner WH, Artis AK, Cate TT, Powers E, Kim C, Regar E, Wong SC, Lewis S, Wykrzykowska J, Dube S, Kazziha S, van der Ent M, Shah P, Craig PE, Zou Q, Kolm P, Brewer HB, Garcia-Garcia HM; LRP Investigators. Identification of patients and plaques vulnerable to future coronary events with near-infrared spectroscopy intravascular ultrasound imaging: a prospective, cohort study. *Lancet.* **2019** Nov 2;394(10209):1629-1637. doi: 10.1016/S0140-6736(19)31794-5. Epub **2019** Sep 27. Erratum in: *Lancet.* **2019** Nov 2;394(10209):1618. PMID:31570255
 9. Stone GW, Kappetein AP, Sabik JF, Pocock SJ, Morice MC, Puskas J, Kandzari DE, Karpaliotis D, Brown WM 3rd, Lembo NJ, Banning A, Merkely B, Horkay F, Boonstra PW, van Boven AJ, Ungi I, Bogáts G, Mansour S, Noiseux N, Sabaté M, Pomar J, Hickey M, Gershlick A, Buszman PE, Bochenek A, Schampaert E, Pagé P, Modolo R, Gregson J, Simonton CA, Mehran R, Kosmidou I, Génèreux P, Crowley A, Dressler O, Serruys PW; EXCEL Trial Investigators. Five-Year Outcomes after PCI or CABG for Left Main Coronary Disease. *N Engl J Med.* **2019** Nov 7;381(19):1820-1830. doi: 10.1056/NEJMoa1909406. Epub **2019** Sep 28. PMID:31562798
 10. Ali ZA, Nef H, Escaned J, Werner N, Banning AP, Hill JM, De Bruyne B, Montorfano M, Lefevre T, Stone GW, Crowley A, Matsumura M, Maehara A, Lansky AJ, Fajadet J, Di Mario C. Safety and Effectiveness of Coronary Intravascular Lithotripsy for Treatment of Severely Calcified Coronary Stenoses: The Disrupt CAD II Study. *Circ Cardiovasc Interv.* **2019** Oct;12(10):e008434. doi: 10.1161/CIRCINTERVENTIONS.119.008434. Epub **2019** Sep 25. PMID:31553205
 11. Castagno M, Menegon V, Monzani A, Zanetta S, Secco GG, Rosso R, Binotti M, Maiuri L, Di Mario C, Gazzolo D, Ferrero F, Genoni G. Small-for-gestational-age birth is linked to cardiovascular dysfunction in early childhood. *Am Heart J.* **2019** Nov;217:84-93. doi: 10.1016/j.ahj.2019.08.004. Epub **2019** Aug 13. PMID:31520898
 12. Cosentino F, Grant PJ, Aboyans V, Bailey CJ, Ceriello A, Delgado V, Federici M, Filippatos G, Grobbee DE, Hansen TB, Huikuri HV, Johansson I, Jüni P, Lettino M, Marx N, Mellbin LG, Östgren CJ, Rocca B, Roffi M, Sattar N, Seferović PM, Sousa-Uva M, Valensi P, Wheeler DC; ESC Scientific Document Group . 2019 ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD. *Eur Heart J.* **2019** Aug 31. pii: ehz486. doi: 10.1093/eurheartj/ehz486. [Epub ahead of print] No abstract available. PMID:31497854
 13. Wischnowsky MB, Candreva A, Bacchi B, Cammann VL, Kato K, Szawan KA, Gili S, D'Ascenzo F, Dichtl W, Citro R, Bossone E, Neuhaus M, Franke J, Sorici-Barb I, Jaguszewski M, Noutsias M, Knorr M, Heiner S, Burgdorf C, Kherad B, Tschöpe C, Sarcon A, Shinbane J, Rajan L, Michels G, Pfister R, Cuneo A, Jacobshagen C, Karakas M, Koenig W, Pott A, Meyer P, Arroja JD, Banning A, Cuculi F, Kobza R, Fischer TA, Vasankari T, Airaksinen KEJ, Napp LC, Budnik M, Dworakowski R, MacCarthy P, Kaiser C, Osswald S, Galiuto L, Chan C, Bridgman P, Beug D, Delmas C, Lairez O, El-Battrawy I, Akin I, Gilyarova E, Shilova A, Gilyarov M, Kozel M, Tousek P, Winchester DE, Galuzska J, Ukena C, Poglajen G, Carrilho-Ferreira P,

Hauck C, Paolini C, Bilato C, Prasad A, Rihal CS, Liu K, Schulze PC, Bianco M, Jörg L, Rickli H, Nguyen TH, Kobayashi Y, Böhm M, Maier LS, Pinto FJ, Widimský P, Borggreffe M, Felix SB, Opolski G, Braun-Dullaeus RC, Rottbauer W, Hasenfuß G, Pieske BM, Schunkert H, Thiele H, Bauersachs J, Katus HA, Horowitz J, Di Mario C, Münzel T, Crea F, Bax JJ, Lüscher TF, Ruschitzka F, Ghadri JR, Templin C. Prediction of short- and long-term mortality in takotsubo syndrome: the InterTAK Prognostic Score. Eur J Heart Fail. **2019** Nov;21(11):1469-1472. doi: 10.1002/ejhf.1561. Epub **2019** Aug 27. No abstract available. PMID:31452320

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Firenze, 25 gennaio 2022

Con la presente firma confermo l'autorizzazione al trattamento dei dati personali ai sensi del Regolamento UE n.679/2016 e del Dlgs 2003 n. 196 e successive modificazioni.