

Gianluca Pontone

27 July 1973

Occupation or position held:

- 2022 → actual date
- Vice Presidente of EACVI and Imaging Chairman of SIC - EACVI (European Association of Cardiovascular Imaging) and SIC (Italian Society of Cardiology) 2022
- 2022 - actual date - Director of Perioperative Cardiology and Cardiovascular Imaging Department
- Centro Cardiologico Monzino IRCCS, Milan, Italy
- 2020 actual date
- Director of Cardiovascular Imaging Department - Centro Cardiologico Monzino IRCCS, Milan, Italy
- 2020 - actual date - EACVI Vice president elect - European Association of Cardiovascular Imaging (EACVI)
- 2020 - actual date - Fellow of European Association of Cardiovascular Imaging (FEACVI)
- 2018 - actual date - Member of Educational Committee Society of Cardiovascular Computed Tomography
- 2017 – 2019 - Adjunct Professor of Yonsey University Yonsey University Seoul (South Korea)
- 2010 - actual date- Director of Cardiac Magnetic Resonance Imaging Unit Clinical Cardiology Unit Centro Cardiologico Monzino, IRCCS - University of Milan - Director: Prof. C. Fiorentini - Milan, Italy
- 2007 – 2010 - Senior Assistant Dep. of Clinical Cardiology Director: Prof. P.G Agostoni Dep. of Echocardiography, Director: Dr M. Pepi Dep. of Radiology Director: Dr G. Ballerini - Centro Cardiologico Monzino, IRCCS University of Milan - Director: Prof. C. Fiorentini.
- 2004 - 2007 - Assistant Dep. of Emergency Cardiology, Director: Dr A. Salvioni- Dep. of Echocardiography, Director: Dr M. Pepi - Dep. of Radiology, Director: Dr G. Ballerini - Centro Cardiologico Monzino, IRCCS- University of Milan, Director: Prof. M.D. Guazzi.
- 2002 - 2004 - Assistant Dep. of Cardiology Emergency, Director: Dr A. Salvioni - Dep. Of Echocardiography, Director: Dr M. Pepi - Centro Cardiologico Monzino, IRCCS - University of Milan, Director: Prof. M.D. Guazzi.
- 2000 - 2001 - Fellowship - Department of Echocardiography, Director: Dr. M. Pepi - Centro Cardiologico Monzino, IRCCS - University of Milan, Director: Prof. M.D. Guazzi
- 1995 - 2000 - Fellowship - Non-Invasive Cardiology- Invasive Cardiology, Centro Cardiologico Monzino, IRCCS - University of Milan, Director: Prof. M.D. Guazzi
- 1994 - 1995 – Fellowship Service of Diabetology, Department of Internal Medicine St. Paul Hospital of Milan, Director: Prof. A. Craveri - Milan, Italy
- 1993 - 1994 – Fellowship - Department of Neuroscience, Director: Prof. P. Cavallari - Institute of Human Physiology, University of Milan, Director: Prof. F. Baldissera - Milan, Italy

Education and training

March 22nd, 2019

ESC Cardiovascular Computed Tomography Level III Certification - European Association Cardiovascular Imaging (EACVI)

April 4th, 2018

Italian National Qualification as Associate Professor of Radiology - Italian Ministry of University and Research

April 4th, 2018

Italian National Qualification as Associate Professor of Cardiology - Italian Ministry of University and Research

January 1st, 2016

EBCR (European Board of Cardiac Radiology) - European Society of Cardiac Radiology (ESCR)

December 1st, 2015

Fellowship at European Society of Cardiology (FESC) - European Society of Cardiology (ESC)

May 1st, 2015

ESC Cardiac magnetic resonance Level III certification - European Association Cardiovascular Imaging (EACVI)

May 1st, 2015

EACVI CMR Exam question writer - European Association Cardiovascular Imaging

April 10th, 2015

SCCT Cardiovascular CT Level III certification - Society of Cardiovascular Computed Tomography

April 10th, 2015

Fellow of SCCT and Cardiac Computed Tomography Level III Certification - Society of Cardiovascular Computed Tomography

March 25th, 2014

PhD Clinical Methodology, University of Milan, Italy - Director: Prof. M. Cattaneo

September 29th – October 1st, 2011

Hands on MRI Course - European Society for Magnetic Resonance in Medicine and Biology (ESMRMB) - Director: Dr A. Van der Lugt, ERMC, Rotterdam

2010

Fellow in Cardiac Magnetic Resonance - Advanced Cardiovascular Imaging Institute, New York City (NY, USA) - Chief: Dr Steven Wolff

2002 - 2006

Postgraduate Degree in Radiology - Thesis Title: "Diagnostic Work-up of unselected patients with suspected coronary artery disease: complementary role of MDCT, symptoms and stress test"

School of Radiology - University of Milan, Italy - Director: Prof. G. Cornalba
70/70

1997 - 2001

Postgraduate Degree in Cardiology - Thesis Title: "Feasibility of fast evaluation of systo-diastolic left ventricle function by Tissue Doppler Imaging ultra-sound" - School of Cardiology - University of Milan, Italy - Director: Prof. M.D. Guazzi
70/70 lode

1991 - 1997

Degree in Medicine - Thesis Title: "Effectiveness of long-term ACE-inhibition on pulmonary diffusion and ventilation-perfusion ratio in chronic heart failure: correlation with physical performance" - University of Milan, Italy - Director: Prof. P. Mantegazza
110/110 lode

Additional information

2006. School of Echocardiography in Centro Cardiologico Monzino, Milan, Italy

2007 – actual date: School of Radiology in University of Milan, Italy.

2007 – actual date: School of Cardiology in University of Milan, Italy.

2008 - 2009. Training Course in Cardiac-CT at Department of Radiology at Public Hospital of Fano

2008 – actual date: Stage and Master in Cardiac-CT in Centro Cardiologico Monzino, Milan, Italy

2012 – actual date: Stage and Master in Cardiac-MR in Centro Cardiologico Monzino, Milan, Italy

2018: Professor at PhD course in “Medicina Sperimentale e Rigenerativa” XXIX e XXX ciclo, University of Foggia, Italy.

455 PUBLICATIONS

496 ABSTRACTS

SCIENTIFIC BOOKS:

1. Guazzi M, Pontone G. Insufficienza Cardiaca. Edizione Masson; Milano 2002

2. Pontone G. Il Cuore: Arte, scienza e tecnologia. Edizione Mazzotta; Milano 2002

3. Bartorelli AL, Pontone G. Interventional Cardiology. Capitolo 12, 14. Edizione McGraw-Hill; Milano. **[Ahead of print]**

4. Pontone G. Cardiologia 2011: Pacemaker e risonanza magnetica: superare le barriere. Il punto di vista del cardiologo.

5. From Cardiac Basic imaging to Fusion - How to reduce the radiation burden in cardiac CT. Ed- Springer 2013
6. Manuale SIEC “Ecocardiografia da stress”. Capitolo 15: Risonanza Magnetica Cardiaca. Il Pensiero Scientifico Editore, 2017.
7. Manuale SIEC “Imaging non ultrasonografico”. Il Pensiero Scientifico Editore, 2017
8. CT of Heart. Chapter 29: the role of cardiac CT in patients with metabolic disorder. Human Press 2019.
9. Machine Learning in cardiovascular medicine. Chapter 10: Magnetic resonance imaging and artificial intelligence. Academic Press 2020.
10. Malattie Cardiovascolari. Chapter 21: Tomografia Computerizzata. Edizioni Minerva Medica 2022. ISBN: 978-88-5532-066-5

688 CONGRESS PRESENTATIONS

REVIEWER OF THE FOLLOWING JOURNAL and INSTITUTIONS:

1. European Radiology
2. International Journal of Cardiology
3. Journal Cardiovascular Medicine
4. Expert Review of Cardiovascular Therapy
5. Case Reports in Cardiology
6. Case Reports in Medicine
7. International Journal of Cardiovascular Imaging
8. European Heart Journal Cardiovascular Imaging
9. Circulation Cardiovascular Quality and Outcome
10. Systematic Review
11. Clinics
12. American College of Cardiology
13. Medical & Biological Engineering & Computing5
14. Giornale Italiano di Cardiologia
15. Circulation Cardiovascular Imaging
16. Journal of American College of Cardiology
17. JACC Cardiovascular Imaging
18. Circulation
19. Circulation Cardiovascular Imaging
20. Acta Radiologica
21. Heart
22. Danish Council of Research
23. Abstract Reviewer for Euro CMR and SCMR joined meeting 2018
24. New England Journal of Medicine

EDITORIAL BOARD OF THE FOLLOWING JOURNAL:

1. Chambers and Valve, the Journal of Cardiology
2. Case Reports in Cardiology
3. World Journal of metaanalysis
4. Biomed International Research
5. Journal of Cardiology and Therapy
6. Acta Radiologica
7. JACC Cardiovascular Imaging: Editor Consultant (June 2017 to May 2018)
8. Eurointervention (February 2018 to actual date)
9. Atherosclerosis (March 2018 to actual date)
10. Journal of Cardiovascular Computed Tomography (2018 to actual date)
11. Frontiers in Cardiovascular Medicine (March 2019 to actual date)
12. Journal of Cardiovascular Development and Disease (November 2021 to actual date)

CONGRESS ORGANIZATION:

1. Sfide in cardiologia clinica. Mantova, March 10th 2017
2. Hands on Cardiac Magnetic Resonance. Milan, 2017
3. Imaging multimodale nelle cardiomiopatie: e' ormai una realtà? Milan, June 8th 2017
4. Milan cardiac imaging 2017. Milan, October 11th 2017
5. Congress of European Society of Cardiac Radiology (ESCR). Milan, October 12th – 14th 2017
6. Cardio Risonanza: Corso Teorico Applicativo. Milan, November 6th-10th 2017
7. Cardio Risonanza: Corso Teorico Applicativo. Milan, June 11th-15th 2018
8. Milan Cardiac Imaging, Milan, April 12th-13rd 2018
9. Innovations in Cardiology, Bari February 14th-16th 2019
10. Cardio Risonanza: Corso Teorico Applicativo. Milan, June 10th-14th 2019
11. Cardio Risonanza: Corso Teorico Applicativo. Milan, November 11th-15th 2019
12. IMCI 2021

ROLES IN THE FOLLOWING SCIENTIFIC SOCIETY:

1. Board of working group of cardiac computed tomography and nuclear medicine of Italian society of cardiology: 2010 → 2014
2. Deputy chairman of working group of cardiac magnetic resonance of Italian society of cardiology: 2014 → 2016
3. Board member of European Society of Cardiac Radiology (ESCR): 2014 → 2017
4. Consultant for Cardiovascular imaging Area of ANMCO: 2015 → 2017
5. Board member of Society of Cardiovascular Computed Tomography (SCCT): 2016 → 2017
6. Chairman of working group of cardiac magnetic resonance of Italian society of cardiology (SIC): 2016 → 2018
7. Chairman of CT Certification Committee of European Association of Cardiovascular Imaging (EACVI): 2016 → 2018
8. Member of International Communities Committee of European Association of Cardiovascular Imaging (EACVI): 2016 → 2018

9. Member of Research and Innovation Committee of European Association of Cardiovascular Imaging (EACVI): 2016 → 2018
10. Board Member as Nuclear-CT Councillor of European Association of Cardiovascular Imaging (EACVI): 2018 → 2020
11. Vice Presidente elect of European Association of Cardiovascular Imaging (EACVI): 2020 → 2022

MULTICENTER TRIAL:

1. Studio NIMIS-CAD – Studio multicentrico Nazionale TC-Coronarie-SIRM; 2005. Role: PI for Centro Cardiologico Monzino. Principal Investigator: SIRM
2. Studio S16257-2: Effects of ivabradine *versus* placebo on heart rate control during a multislice computed tomography coronary angiography for the evaluation of coronary artery disease. A phase III, double-blind, international, multicentre study. 2009. Role: PI for Centro Cardiologico Monzino. Principal Investigator: Filippo Cademartiri
3. GISSI Capire; Role: Co-Investigator; Principal Investigator: Attilio Maseri
4. ComeCCT. Role: PI for Centro Cardiologico Monzino; Principal Investigator: Marc Dewey
5. CONFIRM Registry. Role: Co-Investigator. Principal Investigator: James K Min
6. VICTORY multi center trial. Role: Member of Steering Committee. Principal Investigator: James K Min
7. CONSERVE multicenter trial. Role: PI for Centro Cardiologico Monzino. Principal Investigator: James K Min
8. PLATFORM trial. Role: PI for Centro Cardiologico Monzino. Chairman: Pamela Douglas.
9. STEMAMI - CMR trial. Role: Member of steering committee and cardiac magnetic resonance core lab. Chairman: Felice Achilli
10. CREDENCE Trial. Role: Member of Steering Committee and core lab for CMR. Principal Investigator: James K Min
11. DECIDE GOLD Trial. Role: Member of Steering Committee. Principal Investigator: James K Min
12. VICTORY trial. Role: Steering Committee member. Principal investigator: James K min
13. ADVANCE Register. Role: PI for Centro Cardiologico Monzino. Principal Investigator: Manesh Patel
14. BENDAIA: A Phase 2 Randomised, Double-Blind, Placebo-Controlled Study to Evaluate the Effects of Multiple Subcutaneous Injections of Elamipretide on Left Ventricular Function in Subjects with Stable Heart Failure with Reduced Ejection Fraction. Role: Subinvestigator.
15. PARADIGM registry. Role: Co-Principal Investigator for Centro Cardiologico Monzino. Principal Investigator: James K. Min
16. ICONIC registry. Role: Co-Principal Investigator for Centro Cardiologico Monzino. Principal Investigator: James K. Min
17. SYNTAX III: A randomized clinical study investigating utilising high-definition GE-Revolution scanning to streamline Heart Team decision-making on the most optimal revascularization modality in patients with complex coronary artery disease. Role: Subinvestigator. Principal Investigator: Patrick Serruys.
18. CONVERGE study. Role: member of steering committee. Principal Investigator: Matthew Budoff

19. PROTECTION VI trial. Role: Co-Principal Investigator for Centro Cardiologico Monzino. Chairman: Jorg Hausleiter
20. CARISMA CTO. Role: PI for Centro Cardiologico Monzino. Chairman: Dr. Massimo Lombardi.
21. DECAFF II: Efficacy of DE-MRI-Guided Fibrosis Ablation vs. Conventional Catheter Ablation of Atrial Fibrillation. Role: Co-Principal Investigator for Centro Cardiologico Monzino. Chairman: Nassir Marrouche
22. MRI-MVS study: Prospective Evaluation of MRI as a Predictor of Outcomes in Patients Undergoing Mitral Valve Surgery. Role: Co-Principal Investigator for Centro Cardiologico Monzino. Chairman: Set Uretsky
23. DERIVATE: CarDiac MagnEtic Resonance for Primary Prevention Implantable CardioVerter DebrillAtor ThErapy) International Registry. Role: Principal investigator
24. EUREKA Imaging: European Registry on CARDiovascular Imaging. Europea Association of Cardiovascular Imaging (EACVI) registry on diagnostic pathways in suspected coronary artery disease – an ESC EUROobservational research program. Role: member of executive committee. Principal Investigator: Danilo Neglia
25. EUREKA Biobank Study. Role: member of executive committee. Principal Investigator: Danilo Neglia
26. DECISION trial. Role: Co-PI for Centro Cardiologico Monzino. Chairman: Prof Gregg Stone.
27. PRECISE trial. Role: PI for Centro Cardiologico Monzino. Chairman: Prof Pamela Douglas
28. REFINE trial. Role: PI for Centro Cardiologico Monzino. Chairman: Prof Jonathon Leipsic.
29. CTP-Pro Study. Role: Chairman.
30. CONFIRM II: Role: member of executive committee. Principal Investigator: James Min, Todd Villness
31. ARTIFICIAL INTELLIGENCE - SARS COVID RISK EVALUATION (AI-SCORE). Bando Regione Lombardia: R1.2020.0002285 Role: PI for Centro Cardiologico Monzino. Chairman: UNIVERSITA' VITA-SALUTE S. RAFFAELE

AWARDS.

1. EuroCMR 2014 - Finalist for best oral abstracts session (Long-Term Prognostic Value of Dipyridamole Stress Cardiovascular Magnetic Resonance in Patients with Known or Suspected Coronary Artery Disease)
2. Top 25 reviewers for European Heart Journal Cardiovascular Imaging for 2014
3. ICNC 2015 - Finalist for best oral abstracts session (Cardiac computed tomography versus cardiac magnetic resonance for characterization of left atrium before radiofrequency catheter ablation of atrial fibrillation).
4. Award Reviewer 2016 for European Heart Journal Cardiovascular Imaging
5. Award Reviewer 2016 for Journal of Cardiovascular Computed Tomography
6. ESCR 2016. Award for best submitted abstract: PROSPECT CMR study: PROgnostic Stratification in Patients with ST-Elevation myoCardial infaction over Transthoracic echocardiography by CMR.
7. Award Elite Reviewer 2016 for JACC Cardiovascular Imaging
8. Award Reviewer 2016 for European Heart Journal Cardiovascular Imaging