



## Marta Belmonte

**Nationality:** Italian

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**Twitter:** <https://twitter.com/belmontemarta1>

### CURRENT POSITION

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[ 01/11/2022 – Current ]

**International PhD Programme in Cardiovascular Pathophysiology and Therapeutics**

[ 06/11/2023 – Current ]

**Interventional Cardiologist at Azienda Ospedaliera Sant'Andrea, Rome, Italy**

### EDUCATION AND TRAINING

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#### **Clinical and Research Fellowship in Interventional Cardiology and Cardiac CT**

**Cardiovascular Center OLV Aalst** [ 25/06/2022 – 31/10/2023 ]

City: Aalst | Country: Belgium

#### **Specialty in Cardiovascular Disease**

**University of Milan** [ 01/11/2018 – 02/11/2022 ]

**Final grade:** 70/70 cum Laude | **Thesis:** Prediction of post-PCI FFR derived from Coronary CT Angiography Evaluation of the impact of CCTA image quality and calcium in coronary lesions on the accuracy of the FFR-CT Planner

Specialist training in Cardiology at:

1. Department of Cardiovascular Imaging (Echocardiography, Radiology and Cardiovascular CT, Cardiovascular MR Unit), Centro Cardiologico Monzino, Milan, Italy;
2. Department of Interventional Cardiology, Centro Cardiologico Monzino, Milan, Italy;
3. Department of Electrophysiology and Arrhythmology, Centro Cardiologico Monzino, Milan, Italy;
4. Cardiac Intensive Care Unit, Centro Cardiologico Monzino, Milan, Italy;
5. Department of Emergency and Acute Cardiac Care, Centro Cardiologico Monzino, Milan, Italy;
6. Heart Failure and Clinical Cardiology Unit, Centro Cardiologico Monzino, Milan, Italy;
7. Emergency Unit for COVID-19 patients, Centro Cardiologico Monzino, Milan, Italy;
8. Neonatal Intensive Care Unit, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy;
9. Pediatric Cardiology, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy;
10. Department of Echocardiographic (transthoracic, transesophageal, stress, contrast transcranial Doppler), Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy;
11. Intensive Care Unit for COVID-19 patients, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy;
12. Cardiac Intensive Care Unit, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy;
13. Department of Clinical Cardiology and Ambulatory Cardiology Unit, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy.

#### **Research Fellow in "Coronary Imaging and Physiology"**

**Cardiovascular Center OLV Clinic** [ 15/08/2021 – 24/06/2022 ]

**Address:** Moorselban 164, 9300 Aalst (Belgium)

## **ACLS - Advanced Cardiovascular Life Support**

*American Heart Association* [ 20/09/2022 – 30/09/2024 ]

## **Territorial Emergency Physician - "Corso regionale di idoneità all'esercizio dell'attività di emergenza ex-art. 96 ACN 2007/2009"**

*Azienda Sanitaria Regionale Molise* [ 01/09/2017 – 01/06/2018 ]

Address: Viale Ugo Petrella, 1, 86100 Campobasso (Italy)

## **Degree in Medicine and Surgery (SUMMA CUM LAUDE)**

*University of Salerno* [ 01/10/2011 – 28/07/2017 ]

Address: Via Giovanni Paolo II, 132, 84084 Fisciano (SA) (Italy) | Thesis: LA FUNZIONALITA' PIASTRINICA COME PREDITTORE DI OUTCOME CLINICO NEI PAZIENTI ANZIANI CON NSTEMI SOTTOPOSTI AD ANGIOPLASTICA CORONARICA - SOTTOANALISI DELLO STUDIO GEPRESS

## **Anatomy Tutor at "Professor Giovanni Mazzotti Italian American Conference on Human Anatomy, Research and Healthcare Professions"**

*D'Youville College* [ 01/07/2013 – 21/07/2013 ]

Address: 320 Porter Ave, NY 14201 Buffalo (United States)

## **BLS - Basic Life Support Defibrillation - Provider Course**

*Italian Resuscitation Council* [ 22/01/2018 – 22/01/2018 ]

Final grade: Certificate n° 6629

## **ACLS - Advance Cardiac Life Support**

*Italian Resuscitation Council* [ 02/02/2018 – 02/02/2018 ]

Final grade: Certificate n° 6782

## **PBLSD - Pediatric Basic Life Support and Defibrillation**

*Italian Resuscitation Council* [ 23/01/2018 – 23/01/2018 ]

Final grade: Certificate N° 6691

## **APT Avanzato**

*Italian Resuscitation Council* [ 05/03/2018 – 05/03/2018 ]

Final grade: Certificate N°6836

## **PALS - Pediatric Advanced Life Support**

*Italian Resuscitation Council* [ 29/01/2018 – 29/01/2018 ]

Final grade: Certificate n°6727

## JOB-RELATED SKILLS

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### Non-Invasive and Invasive Cardiology

Transthoracic and Transesophageal Echocardiography,

Coronary CT Angiography, FFRCT, CT Myocardial Perfusion Imaging, Structural CT,

Cardiac MR, Stress tests, Cardiovascular therapy, Management of patients in Critical Care Unit, Electrocardiography and 24-EKG, ABPM, Fundamentals of Electrophysiology and Pacing, Interventional Cardiology, Hemodynamics.

[ Current ]

### Research-related skills

Research trainings completed and participation in: Clinical Events Committee (CEC); Data Safety Monitoring Board (DSMB); Good Clinical Practice (GCP Certificate). Reviewer for high-ranked journals: European Heart Journal, Journal of Computed Tomography Angiography, Scientific Reports, Frontiers in Cardiovascular Medicine, Journal of Clinical Medicine, Diagnostics, Cardiovascular Diabetology, BMC Cardiovascular Disorders.

[ Current ]

### Educational skills

Lecturer and trainer in Cardiac CT Courses - "CT-guided PCI Course for Interventional Cardiologist", Melle, Belgium

## LANGUAGE SKILLS

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**Mother tongue(s):** Italian

**Other language(s):**

**English**

**LISTENING C2 READING C2 WRITING C2**

**SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## DIGITAL SKILLS

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R / R Studio / R Markdown / Good knowledges in GraphPad Prism software / IBM Statistical Package for the Social Sciences (SPSS) - Utilizador Independente / Castor / Redcap Application / Reference Management tools (EndNote, Zotero, Mendeley) / Grammarly / Microsoft Excel / Microsoft Powerpoint / Zoom / Microsoft office (Outlook, Word, Excel, PowerPoint, Publisher, Access, Teams) / Skype / Google Docs / Outlook / Google Drive / Cloud-based collaborative tools (Google Drive, Dropbox, Teams) / Social Media (Facebook, Twitter, Instagram, LinkedIn) / Buona padronanza dell'utilizzo di banche dati nel settore medico (PubMed PEDro Cochrane e Scopus)

## PUBLICATIONS

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**PubMed**

**H-Index Scopus: 14**

Documents: 63

Citations Scopus: 496

**Scopus**

## [Google Scholar](#)

- [2018]  
[Meta-Analysis Comparing Outcomes After Everolimus-Eluting Bioresorbable Vascular Scaffolds Versus Everolimus-Eluting Metallic Stents in Patients with Acute Coronary Syndromes.](#)  
Am J Cardiol. 2018 Jul 1;122(1):61-68. doi: 10.1016/j.amjcard.2018.03.003.
- [2018]  
[High on-treatment platelet reactivity and outcome in elderly with non ST-segment elevation acute coronary syndrome - Insight from the GEPRESS study.](#)  
Int J Cardiol. 2018 May 15;259:20-25. doi: 10.1016/j.ijcard.2018.01.057.
- [2020]  
[Considerations on cardiac patients during Covid-19 outbreak.](#)  
Echocardiography. 2020 Aug;37(8):1321-1322. doi: 10.1111/echo.14790.
- [2020]  
[Women's Cardiac Health in 2020: A Systematic Review](#)  
J Card Crit Care:2020;4:104-110
- [2021]  
[Cardiac Care of Non-COVID-19 Patients During the SARS-CoV-2 Pandemic: The Pivotal Role of CCTA.](#)  
Front Cardiovasc Med. 2021 Nov 24;8:775115. doi: 10.3389/fcvm.2021.775115.
- [2021]  
[State of the art paper: Cardiovascular CT for planning ventricular tachycardia ablation procedures.](#)  
J Cardiovasc Comput Tomogr. 2021 Sep-Oct;15(5):394-402. doi: 10.1016/j.jcct.2021.01.002.
- [2021]  
[Potential Application of Cardiac Computed Tomography for Early Detection of Coronary Atherosclerosis: From Calcium Score to Advanced Atherosclerosis Analysis.](#)  
J Clin Med. 2021 Feb 1;10(3):521. doi: 10.3390/jcm10030521.
- [2021]  
**Management of antithrombotic therapy after percutaneous coronary intervention in complex cases**  
Outpatient Cardiology. 2021 Oct; 30(2):92-106 doi: 10.17473/1971-6818-2021-2-2
- [2021]  
[Plaque assessment by coronary CT angiography may predict cardiac events in high risk and very high risk diabetic patients: A long-term follow-up study.](#)  
Nutr Metab Cardiovasc Dis. 2022 Mar;32(3):586-595. doi: 10.1016/j.numecd.2021.11.013.
- [2021]  
[Contemporary Management of Stable Coronary Artery Disease.](#)  
High Blood Press Cardiovasc Prev. 2022 May;29(3):207-219. doi: 10.1007/s40292-021-00497-z.
- [2021]  
[Role of Cardiac Magnetic Resonance in the Diagnosis of Cardiac Amyloidosis](#)  
J Card Crit Care 2021;5:184-185
- [2022]  
[Prospective evaluation of the learning curve and diagnostic accuracy for Pre-TAVI cardiac computed tomography analysis by cardiologists in training: The LEARN-CT study.](#)  
Write here the description...

J Cardiovasc Comput Tomogr. 2022 Sep-Oct;16(5):404-411. doi: 10.1016/j.jcct.2022.03.002.

[2022]

**[The Role of Multimodality Imaging for Percutaneous Coronary Intervention in Patients With Chronic Total Occlusions.](#)**

Front Cardiovasc Med. 2022 May 2;9:823091. doi: 10.3389/fcvm.2022.823091.

**[Early diagnosis of cardiomyopathies by cardiac magnetic resonance. Overview of the main criteria](#)**

2022 Apr 11. doi: 10.4081/monaldi.2022.2151. Epub ahead of print.

[2022]

**[Diagnostic performance of exercise stress tests for detection of epicardial and microvascular coronary artery disease: the UZ Clear study](#)**

EuroIntervention. 2022 Sep 23;EIJ-D-22-00270. doi: 10.4244/EIJ-D-22-00270.

[2022]

**[Absolute coronary flow and microvascular resistance reserve in patients with severe aortic stenosis](#)**

Heart. 2022 Aug 17;heartjnl-2022-321348. doi: 10.1136/heartjnl-2022-321348.

[2022]

**[Successful Transcatheter Aortic Valve Replacement in patient with aortic annulus pseudoaneurysm after Balloon Aortic Valvuloplasty.](#)**

JACC Cardiovasc Interv. 2022 Dec 12;15(23):2448-2451. doi: 10.1016/j.jcin.2022.09.025

[2022]

**[Outcomes in Patients with Moderate and Asymptomatic Severe Aortic Stenosis Followed-Up in Heart Valve Clinics](#)**

Write here the description...

J Am Heart Assoc. 2022 Dec 6;11(23):e026960. doi: 10.1161/JAHA.122.026960.

[2022]

**[Procedural Outcomes After Percutaneous Coronary Interventions in Focal and Diffuse Coronary Artery Disease](#)**

J Am Heart Assoc. 2022 Dec 6;11(23):e026960. doi: 10.1161/JAHA.122.026960.

[2023]

**[Reproducibility of bolus versus continuous thermodilution for assessment of coronary microvascular function in patients with ANOCA](#)**

EuroIntervention. 2023 Feb 17;EIJ-D-22-00772.

[2023]

**[Diagnostic and Prognostic Role of Cardiac Magnetic Resonance in MINOCA: Systematic Review and Meta-Analysis](#)**

JACC Cardiovasc Imaging. 2023 Mar;16(3):376-389.

[2023]

**[Computed tomographic angiography in coronary artery disease](#)**

EuroIntervention. 2023 Apr 3;18(16):e1307-e1327.

[2023]

**[Invasive functional testing in the cath lab as a routine investigation in INOCA: pros and cons](#)**

EuroIntervention. 2023 May 15;19(1):23-25.

[2023]

**[The Role of Non-Invasive Multimodality Imaging in Chronic Coronary Syndrome: Anatomical and Functional Pathways.](#)**

Diagnostics (Basel). 2023 Jun 16;13(12):2083.

[2023]

**[Coronary Atherosclerosis Phenotypes in Focal and Diffuse Disease](#)**

JACC Cardiovasc Imaging. 2023 Jul 6:S1936-878X(23)00274-7

[2023]

**[Relationship between coronary volume, myocardial mass, and post-PCI fractional flow reserve.](#)**

Catheter Cardiovasc Interv. 2023 Jun;101(7):1182-1192.

[2023]

**[Accuracy of a virtual PCI planner based on coronary CT angiography in calcific lesions.](#)**

J Cardiovasc Comput Tomogr. 2023 Jul 5:S1934-5925(23)00391-X.

[2023]

**[Sex and age-related differences in outcomes of patients with acute myocardial infarction: MINOCA versus MIOCA](#)**

Eur Heart J Acute Cardiovasc Care. 2023 Jun 1:zuad059

[2023]

**[Preoperative angiography-derived fractional flow reserve may predict coronary artery bypass grafting occlusion and disease progression.](#)**

J Cardiovasc Med (Hagerstown). 2023 Sep 1;24(9):651-658.

[2023]

**[Performance of Prognostic Scoring Systems in MINOCA: A Comparison among GRACE, TIMI, HEART, and ACEF Scores.](#)**

J Clin Med. 2023 Aug 31;12(17):5687

[2023]

**[Pre-TAVI aortic annulus sizing: comparison between manual and semi-automated new generation software measurements in operators with different experience](#)**

Br J Radiol. 2023 Sep;96(1149):20220733

[2023]

**[Diagnostic accuracy of subendocardial vs. transmural myocardial perfusion defect for the detection of in-stent restenosis or progression of coronary artery disease after percutaneous coronary intervention](#)**

Write here the description...

J Cardiovasc Comput Tomogr. 2023 Jul-Aug;17(4):277-280

[2023]

**[Impact of SGLT2-inhibitors on contrast-induced acute kidney injury in diabetic patients with acute myocardial infarction with and without chronic kidney disease: Insight from SGLT2-I AMI PROTECT registry](#)**

Write here the description...

Diabetes Res Clin Pract. 2023 Aug;202:110766

[2023]

**[Dual Left Anterior Descending Coronary Artery and Anomalous Origin of Left Circumflex Artery: A Novel Coronary Anomaly Revealed by CCTA](#)**

Int J Cardiovasc Imaging. 2023 Sep 28

[2023]

**[Anomalous origin of left circumflex artery from the right sinus of Valsalva: Clinical outcomes in a consecutive series of master athletes](#)**

Clin Cardiol. 2023 Sep;46(9):1097-1105. doi: 10.1002/clc.24120.

[2023]

**[Impact of coronary CT image quality on the accuracy of the FFRCT Planner](#)**

Write here the description...

Eur Radiol. 2023 Oct 5. doi: 10.1007/s00330-023-10228-8.

[2023]

**[Implantation of a Stent Graft System for Torrential Tricuspid Regurgitation: A First-in-Human Experience](#)**

JACC Cardiovasc Interv. 2023 Nov 13;16(21):2678-2681. doi: 10.1016/j.jcin.2023.08.008.

[2023]

**[Impact of Post-PCI FFR Stratified by Coronary Artery](#)**

JACC Cardiovasc Interv. 2023 Oct 9;16(19):2396-2408. doi: 10.1016/j.jcin.2023.08.018.

[2023]

**[Comprehensive invasive evaluation of coronary microcirculation in patients with Takotsubo syndrome](#)**

Write here the description...

Atherosclerosis. 2023 Nov;385:117332. doi: 10.1016/j.atherosclerosis.2023.117332.

[2023]

**[Combined Cardiac Damage Staging by Echocardiography and Cardiac Catheterization in Patients with Clinically Significant Aortic Stenosis](#)**

Can J Cardiol. 2023 Nov 16:S0828-282X(23)01887-1. doi: 10.1016/j.cjca.2023.11.010.

[2023]

**[Characterisation of coronary microvascular dysfunction in patients with severe aortic stenosis undergoing TAVI](#)**

EuroIntervention. 2023 Nov 19:EIJ-D-23-00735. doi: 10.4244/EIJ-D-23-00735.

[2023]

**[Continuous vs Bolus Thermodilution to Assess Microvascular Resistance Reserve](#)**

JACC Cardiovasc Interv. 2023 Nov 27;16(22):2767-2777. doi: 10.1016/j.jcin.2023.09.027.

[2024]

**[Coronary Microvascular Dysfunction in Patients With Heart Failure: Characterization of Patterns in HFrEF Versus HFpEF](#)**

Circ Heart Fail. 2024 Jan;17(1):e010805. doi: 10.1161/CIRCHEARTFAILURE.123.010805.

[2023]

**[Coronary CT Angiography in the Cath Lab: Leveraging Artificial Intelligence to Plan and Guide Percutaneous Coronary Intervention](#)**

Interv Cardiol. 2023 Nov 23;18:e26. doi: 10.15420/icr.2023.12. eCollection 2023.

[2023]

**[Innovative Device-Based Strategies for Managing Acute Decompensated Heart Failure](#)**

Curr Probl Cardiol. 2023 Dec;48(12):102023. doi: 10.1016/j.cpcardiol.2023.102023. PMID: 37553060.

[2024]

**[Predictors of percutaneous coronary intervention derived from CCTA in patients with chronic coronary syndrome](#)**

Write here the description...

J Cardiovasc Comput Tomogr. 2024 Jan 17;S1934-5925(24)00014-5. doi: 10.1016/j.jcct.2024.01.003.

[2024]

**[Myocardial sodium-glucose cotransporter 2 expression and cardiac remodelling in patients with severe aortic stenosis: The BIO-AS study](#)**

Eur J Heart Fail. 2024 Jan 21. doi: 10.1002/ejhf.3145. Epub ahead of print. PMID: 38247224

[2024]

**[Measuring Absolute Coronary Flow and Microvascular Resistance by Thermodilution: JACC Review Topic of the Week](#)**

J Am Coll Cardiol. 2024 Feb 13;83(6):699-709. doi: 10.1016/j.jacc.2023.12.014. PMID: 38325996

[2024]

**[International evaluation of an artificial intelligence-powered electrocardiogram model detecting acute coronary occlusion myocardial infarction](#)**

Eur Heart J Digit Health. 2023 Nov 28;5(2):123-133. doi: 10.1093/ehjdh/ztad074. PMID: 38505483

[2024]

**[Cardiac Magnetic Resonance to Predict Cardiac Mass Malignancy: The CMR Mass Score](#)**

Circ Cardiovasc Imaging. 2024 Mar;17(3):e016115. doi: 10.1161/CIRCIMAGING.123.016115. PMID: 38502734

[2024]

**[Combined Cardiac Damage Staging by Echocardiography and Cardiac Catheterization in Patients With Clinically Significant Aortic Stenosis](#)**

Can J Cardiol. 2024 Apr;40(4):643-654. doi: 10.1016/j.cjca.2023.11.010. PMID: 37979721.

[2024]

**[Predictors of adverse cardiac events of coronary myocardial bridging diagnosed with computed tomography angiography](#)**

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Int J Cardiol. 2024 Mar 29;131997. doi: 10.1016/j.ijcard.2024.131997. PMID: 38556216.

[2024]

**[CTA-Derived Pericoronary Fat Attenuation Index Predicts Allograft Rejection and Cardiovascular Events in Heart Transplant Recipients.](#)**

JACC Cardiovasc Imaging. 2024 Aug 31;S1936-878X(24)00344-9. doi: 10.1016/j.jcmg.2024.08.004. Epub ahead of print. PMID: 39217542.

[2024]

**[Predictors for Vulnerable Plaque in Functionally Significant Lesions.](#)**

JACC Cardiovasc Imaging. 2024 Sep 11;S1936-878X(24)00311-5. doi: 10.1016/j.jcmg.2024.07.021. Epub ahead of print. PMID: 39269415.

[2024]

**[Simplification of continuous intracoronary thermodilution.](#)**



EuroIntervention. 2024 Oct 7;20(19):e1217-e1226. doi: 10.4244/EIJ-D-24-00215. PMID: 39374090; PMCID: PMC11443253.

[2024]

**[Absolute coronary flow and microvascular resistance before and after transcatheter aortic valve implantation.](#)**

EuroIntervention. 2024 Oct 7;20(19):e1248-e1528. doi: 10.4244/EIJ-D-24-00075. PMID: 39374094; PMCID: PMC11443252.

[2024]

**[Improved diagnostic accuracy of vessel-specific myocardial ischemia by coronary computed tomography angiography \(CCTA\).](#)**

J Cardiovasc Comput Tomogr. 2024 Oct 9;S1934-5925(24)00449-0. doi: 10.1016/j.jcct.2024.09.015. Epub ahead of print. PMID: 39389894.

[2024]

**[Validation of virtual fractional flow reserve pullback curves.](#)**

Catheter Cardiovasc Interv. 2024 Nov;104(6):1178-1188. doi: 10.1002/ccd.31222. Epub 2024 Sep 29. PMID: 39342486.

[2024]

**[Catheter-Based Renal Denervation for Resistant Arterial Hypertension: 10-Year Real-World Follow-Up Data.](#)**

J Clin Hypertens (Greenwich). 2024 Nov 20. doi: 10.1111/jch.14931. Epub ahead of print. PMID: 39565644.

[2024]

**[SGLT2-inhibitors in diabetic patients with severe aortic stenosis and cardiac damage undergoing transcatheter aortic valve implantation \(TAVI\).](#)**

Cardiovasc Diabetol. 2024 Nov 21;23(1):420. doi: 10.1186/s12933-024-02504-8. PMID: 39574095; PMCID: PMC11583434.

[2024]

**[Resource utilization and healthcare management of invasive versus non-invasive strategy for cardiac allograft vasculopathy surveillance in heart transplantation.](#)**

J Cardiovasc Comput Tomogr. 2024 Nov 29;S1934-5925(24)00498-2. doi: 10.1016/j.jcct.2024.11.002. Epub ahead of print. PMID: 39616124.

[2024]

**[Impact of Robotic Percutaneous Coronary Intervention \(R-PCI\) With and Without CCTA-Guidance on Clinical Outcomes and Hospital Economics: A Single Center Registry.](#)**

Catheter Cardiovasc Interv. 2024 Dec 6. doi: 10.1002/ccd.31323. Epub ahead of print. PMID: 39641191.

## **HONOURS AND AWARDS**

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[ 08/10/2016 ] CMSO - Centro Medico Specialistico Orio

**"Francesco Orio" Scholarship for top-ranked medical student**

[ 19/01/2024 ]

**SCCT 2024 - Rapid Fire Oral Abstract Award Runner Up - Predictors of percutaneous coronary intervention derived from CCTA in patients with chronic coronary syndrome - SCCT 2024**

## MEMBERSHIP

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[ Current ]

**Professional Member of European Society of Cardiology - ESC ID 886194**

[ Current ]

**EAPCI Regular Membership**

[ Current ]

**EACVI Regular Membership**

**HFA Regular membership**

[ Current ]

**PCR Companions - N° 783033**

[ Current ]

**SCCT Member**

## RESEARCH PROJECTS

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[ Current ]

**Co-investigator in Precise Procedural and PCI Plan (P4) - Randomized Clinical Trial**

[ Current ]

**Co-Investigator for sub-analysis of "Clinical Validation of a Virtual Planner for Coronary Interventions Based on Coronary CT Angiography" - Randomized Clinical Trial**

[ Current ]

**Co-Investigator for "European MicroCirculatory Resistance and Absolute Flow sTudy - The EuroCRAFT Registry" - Prospective Registry**

[ Current ]

**Co-Investigator for "FAME 2 - 10-year Follow-Up" - Randomized Clinical Trial**

## CONFERENCES AND PRESENTATIONS

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**Abstract - Assessment of Absolute Coronary Flow and Microvascular Resistance Reserve in Patients with Severe Aortic Stenosis - ESC Congress 2022**

**Abstract - Accuracy of the FFRCT Planner in Coronary Calcific Lesions - Annual Scientific Congress SCCT 2022**

**Abstract - Accuracy of the FFRCT Planner in Coronary Calcific Lesions - EuroPCR2022**

**Clinical Case - A step-by-step CT-guided PCI of a Complex Calcific Lesion - EuroPCR2022**

**Clinical Case - challenging case of Medina 1,1,1 bifurcation lesion approached with the dual-lumen microcatheter-facilitated reverse wire technique - Gise 2020 Congress**

**Abstract - Autonomic nervous function and excitability of the accessory pathway in pediatric patients with Wolff-Parkinson-White ECG - EHRA 2020**

**Abstract - Coronary Atherosclerosis Phenotypes in Focal and Diffuse Disease - GISE 2022**

**Abstract - Differential Improvement in Angina and Health-related Quality of Life after Percutaneous Coronary Interventions in Focal and Diffuse Coronary Artery Disease - GISE 2022**

[ 21/05/2023 ]

**Oral Presentation - Absolute coronary flow in patients with Heart Failure - ESC HF 2023**

**Abstract - Sex-related differences in continuous intracoronary thermodilution measurements among patients with angina and non-obstructive coronary artery disease (ANOCA) - ESC 2023**

**Abstract - Comparison of non-invasive and invasive cardiac damage staging in patients with clinically significant aortic stenosis - ESC 2023**

[ 18/01/2024 - 19/01/2024 ]

**Abstract - Predictors of percutaneous coronary intervention derived from CCTA in patients with chronic coronary syndrome - SCCT 2024 - Rapid Fire Oral Abstract Award Runner Up**