

CURRICULUM VITAE

DIEGO PENELA MACEDA

Il sottoscritto Diego Penela Maceda, consapevole che le dichiarazioni false comportano l'applicazione delle sanzioni penali previste dall'art. 76 del D.P.R. 445/2000, dichiara che le informazioni riportate nel seguente curriculum vitae corrispondono a verità. Dichiara inoltre che trattasi di documento valevole quale dichiarazione sostitutiva ai sensi di legge (DPR 28 dicembre 2000 n.445, come modificato ed integrato dall'art. 15 della L.183/2011). Dichiara inoltre l'autorizzazione al trattamento dei propri dati personali e la presa visione dell'informativa ai sensi del Regolamento Europeo sulla protezione dei dati personali 2016/679"

Milano, 10 Ottobre 2024

A handwritten signature in black ink, reading "Diego Penela". The signature is enclosed within a large, loopy, hand-drawn oval shape that extends to the right and then loops back to the left.

DATI PERSONALI

Nome e Cognome: Diego Penela Maceda
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Titoli accademici:

2000-2006: Laureato in Medicina e Chirurgia, Università di Santiago de Compostela (Spagna).

2009-2011: Master in Disegno e Statistica in Scienza della Salute (UAB - Universidad Autónoma de Barcelona)

2010-2011: Master in Ricerca Biomedica (UB - Universidad de Barcelona)

2012-2013: Master in Competenze Mediche Avanzate (UB - Universidad de Barcelona)

2012: Specialista in Cardiologia. ICT- Hospital Clínic de Barcelona

2017: Tesi di Dottorato Cum Laude per la UB- Universidad de Barcelona, con il titolo "Extrasistolia ventricular frecuente en pacientes con disfunción ventricular izquierda. Implicaciones clínicas y beneficio de la ablación mediante radiofrecuencia"

2020: Abilitazione Scientifica Nazionale Fascia 2.

Esperienze Lavorative:

2012-2015: Dirigente Medico di I Livello, Sezione di Elettrofisiologia – Servizio di Cardiologia, Institut Clínic del Tòrax , Hospital Clínic Universitari de Barcelona.

2011: Clinical observership at Princess Alexandra Hospital, Brisbane, Australia.

2015-2019: Dirigente Medico di I Livello, reparto di Cardiologia, Ospedale Guglielmo da Saliceto, Piacenza.

2021: Elettrofisiologo IRCCS Multimedica

2019-2020 e 2023: Elettrofisiologo Clinica Teknon Barcelona.

2021-2023: Direttore Medico Poliambulatorio Clinico-Fiorenzuola D'Arda.

2023: Aiuto in Elettrofisiologia Humanitas Reseach Center

Partecipazione in Comitati Scientifici:

Scientific Initiative Committee of European Heart Rhythm Association (EHRA) 2022-2024

Scientific Initiative Committee of EHRA 2024-2026

Esperienza Editoriale:

Editore associato Eur J Prev Cardiol (Official journal of the European Association of Preventive Cardiology; IF:8.4; Q1) dal 2019

Reviewer in riviste internazionali

Europace
American Journal of Cardiology
Plos One
European Journal of Preventive Cardiology
Heart Rhythm CR

Interventi in Congressi internazionali come relatore invitato:

1. Best in Young research. EHRA/ Europace, Milano 2015.
2. Best in Young research. EHRA/Europa, Nize 2016.
3. High burden of ventricular ectopic beats: what have we learned in the last decades?. ESC, Barcelona 2017
4. Complications during ablation of ventricular arrhythmias. EHRA Barcelona 2018
5. Predictors of ablation success: any role of the surface ECG? EHRA Barcelona 2018.
6. How to predict the site of origin. Increasing efficiency by using all the available tools. EHRA Lisboa 2019.
7. Complex Arrhythmia Ablation Workshop Bucharest April 14-15, 2022
8. Cardiology Directions in the next Decade. Cali, Colombia 2022
9. AF symposium Boston USA 2023.
10. Complex Arrhythmia Ablation Workshop Bucharest 2023
11. Late Breaking Trials. EHRA 2024
12. Arrhythmia Working Group - 3rd Annual Meeting and Best of EHRA Conference, held in Bucharest 2024

Interventi in Congressi nazionali come relatore invitato:

1. Session Brief Reports. Reunión anual de arritmias 2014. Girona.
2. Progress in Clinical Pacing, Rome 2016.
3. Morte improvvisa 2.0 della genetica al territorio. Piacenza 2017.
4. Morte improvvisa nello sport. Cento 2017.
5. Arresto Cardiaco nello sport. Piacenza 2018
6. Luci e Ombre in Aritmologia 2018. Pisa
7. Atrial Fibrillation Ablation. Padova 2018
8. The Future of Cardiac Diagnostics & Treatment. Barcelona 2019
9. Il cuore che fibrilla. Arresto cardiaco e non solo. Piacenza 2019
10. Luci e Ombre in aritmologia 2019. Pisa 2019

11. Congresso annuale della Società Spagnola di Cardiologia. SEC 2019. Barcelona.
12. Congresso annuale della Società Spagnola di Cardiologia (SEC) 2020.
13. Congresso annuale della Società Aritmologica Spagnola di Cardiologia (SEC) 2022. Granada.
14. Congresso annuale della Società Aritmologica Spagnola di Cardiologia (SEC). Palma de Mallorca. Chiede all'esperto.
15. Luci e Ombre in Aritmologia 2022. Pisa
16. Encuentros de Cardiologia. Barcelona 2023
17. Congresso annuale della Società Aritmologica Spagnola di Cardiologia (SEC) 2023. Pamplona.
18. Milan Cardiac Imaging 2023. Milan.
19. AIAC 2023. Ruolo dell'analisi del substrato nella FA persistente. Bologna.
20. Sincope: dal pronto soccorso alla sala di elettrofisiologia. Webinar AIAC umbria.
21. AIAC Lombardia 2023 Ruolo dell'imaging come supporto nell'ablazione delle TV.
22. Congresso annuale della Società Aritmologica Spagnola di Cardiologia (SEC) 2024. Murcia.

Indici bibliometrici:

Indice H: 25

Citazioni totali: 2007

Publicaciones di Articolu originali:

1. Perez-Villa F, Farrero M, Cardona M, Castel MA, Tatjer I, **Penela D**, Vallejos I. Bosentan in heart transplantation candidates with severe pulmonary hypertension: efficacy, safety and outcome after transplantation. **Clin Transplant**. 2013 Jan-Feb;27(1):25-31.
2. **Penela D**, Magaldi M, Fontanals J, Martin V, Regueiro A, Ortiz JT, Bosch X, Sabaté M, Heras M. Hypothermia in acute coronary syndrome: brain salvage versus stent thrombosis? **J Am Coll Cardiol**. 2013 Feb 12;61(6):686-7.
3. **Penela D**, Bijnens B, Doltra A, Silva E, Castel MA, Berruezo A, Mont L, Weidemann F, Brugada J, Sitges M. Noncompaction cardiomyopathy is associated with mechanical dyssynchrony: a potential underlying mechanism for favorable response to cardiac resynchronization therapy. **J Card Fail**. 2013 Feb;19(2):80-6.
4. **Penela D**, Van Huls Vans Taxis C, Aguinaga L, Fernández-Armenta J, Mont L, Castel MA, Heras M, Tolosana JM, Sitges M, Ordóñez A, Brugada J, Zeppenfeld K, Berruezo A. Neurohormonal, structural, and functional recovery pattern after premature ventricular complex ablation is independent of structural heart disease status in patients with depressed left ventricular ejection fraction: a prospective multicenter study. **J Am Coll Cardiol**. 2013 Sep 24;62(13):1195-202.
5. Arbelo E, Tolosana JM, Trucco E, **Penela D**, Borràs R, Doltra A, Andreu D, Aceña M, Berruezo A, Sitges M, Mansour F, Castel A, Matas M, Brugada J, Mont L. Fusion-Optimized Intervals (FOI): A New Method to Achieve the Narrowest QRS for Optimization of the AV and VV Intervals in Patients Undergoing Cardiac Resynchronization Therapy. **J Cardiovasc Electrophysiol**. 2014 Mar;25(3):283-92.
6. Regueiro A, Freixa X, Heras M, **Penela D**, Fernández-Rodríguez D, Brugaletta S, Martín-Yuste V, Masotti M, Sabaté M. Impact of therapeutic hypothermia on coronary flow. **Int J Cardiol**. 2014 Mar 1;172(1):228-9.
7. Fernández-Armenta J, Andreu D, **Penela D**, Trucco E, Cipolletta L, Arbelo E, Berne P, María Tolosana J, Pedrote A, Brugada J, Mont L, Berruezo A. Sinus rhythm detection of conducting channels and ventricular tachycardia isthmus in arrhythmogenic right ventricular cardiomyopathy. **Heart Rhythm**. 2014 Feb 19. pii: S1547-5271(14)00168-4.
8. Doltra A, Bijnens B, Tolosana JM, Borràs R, Khatib M, **Penela D**, De Caralt T, Castel MA, Berruezo A, Brugada J, Mont L, Sitges M. Mechanical Abnormalities Detected With Conventional Echocardiography Are Associated With Response and Midterm Survival in CRT. **JACC Cardiovasc Imaging**. 2014;7:969-79.
9. Duchateau N, Giraldeau G, Gabrielli L, Fernández-Armenta J, **Penela D**, Evertz R, Mont L, Brugada J, Berruezo A, Sitges M, Bijnens BH. Quantification of local changes in myocardial motion by diffeomorphic registration via currents: Application to paced hypertrophic obstructive cardiomyopathy in 2D echocardiographic sequences. **Med Image Anal**. 2014 Oct 30;19(1):203-219.
10. Acosta J, **Penela D**, Herczku C, Macías Y, Andreu D, Fernández-Armenta J, Cipolletta L, Díaz A, Korshunov V, Brugada J, Mont L, Cabrera JA, Sánchez-Quintana D, Berruezo A. Impact of the Earliest Activation Site Location in the Septal Right Ventricular Outflow Tract for the Identification of Left vs Right

- Outflow Tract Origin of Idiopathic Ventricular Arrhythmias. **Heart Rhythm**. 2014 Dec 24. pii: S1547-5271(14)01547-1.
11. Berruezo A, Fernández-Armenta J, Andreu D, **Penela D**, Herczku C, Evertz R, Cipolletta C, Acosta J, Borràs R, Arbelo E, Tolosana JM, Brugada J, Mont L. Scar Dechanneling: A New Method for Scar-Related Left Ventricular Tachycardia Substrate Ablation. **Circ Arrhythm Electrophysiol**. 2015 Apr;8(2):326-36.
 12. **Penela D**, De Riva M, Herczku C, Catto V, Pala S; Fernández-Armenta J, Acosta J, Cipolletta L, Andreu D, Borràs R, Rios J, Mont L, Brugada J, Carbucicchio C, Zeppenfeld K, Berruezo A. An Easy-to-Use, Operator-Independent, Clinical Model to Predict the Left versus Right Ventricular Outflow Tract Origin of Ventricular Arrhythmia. **Europace**. 2015;17:1122-8.
 13. Acosta J, Fernández-Armenta J, **Penela D**, Andreu D, Borràs R, Vassanelli F, Korshunov V, Perea RJ, de Caralt TM, Ortiz JT, Fita G, Sitges M, Brugada J, Mont L, Berruezo A. Infarct transmuralty as a criterion for first-line endo-epicardial substrate-guided ventricular tachycardia ablation in ischemic cardiomyopathy. **Heart Rhythm**. 2016 Jan;13:85-95.
 14. **Penela D**, Acosta J, Aguinaga L, Tercedor L, Ordoñez A, Fernández-Armenta J, Andreu D, Sánchez P, Cabanelas N, Tolosana JM, Vassanelli F, Cabrera M, Korshunov V, Sitges M, Brugada J, Mont L, Berruezo A. Ablation of frequent PVC in patients meeting criteria for primary prevention ICD implant: Safety of withholding the implant. **Heart Rhythm**. 2015;12:2434-42.
 15. Dyssynchronization reduces dynamic obstruction without affecting systolic function in patients with hypertrophic obstructive cardiomyopathy: a pilot study. Giraldeau G, Duchateau N, Bijmens B, Gabrielli L, **Penela D**, Evertz R, Mont L, Brugada J, Berruezo A, Sitges M. **Int J Cardiovasc Imaging**. 2016;32:1179-88.
 16. Substrate modification or ventricular tachycardia induction, mapping, and ablation as the first step? A randomized study. Fernández-Armenta J, **Penela D**, Acosta J, Andreu D, Evertz R, Cabrera M, Korshunov V, Vassanelli F, Martínez M, Guasch E, Arbelo E, María Tolosana J, Mont L, Berruezo A. **Heart Rhythm**. 2016;13:1589-95.
 17. Long-term benefit of first-line peri-implantable cardioverter-defibrillator implant ventricular tachycardia-substrate ablation in secondary prevention patients. Acosta J, Cabanelas N, **Penela D**, Fernández-Armenta J, Andreu D, Borràs R, Korshunov V, Cabrera M, Vasanelli F, Arbelo E, Guasch E, Martínez M, Tolosana JM, Mont L, Berruezo A. **Europace**. 2016 Jun 27.
 18. Safety of glycoprotein IIb/IIIa inhibitors in patients under therapeutic hypothermia admitted for an acute coronary syndrome. Jiménez-Brítez G, Freixa X, Flores E, **Penela D**, Hernandez-Enríquez M, San Antonio R, Caixal G, Garcia J, Roqué M, Martín V, Brugaletta S, Masotti M, Sabaté M. **Resuscitation**. 2016;106:108-12.
 19. Utility of galectin-3 in predicting post-infarct remodeling after acute myocardial infarction based on extracellular volume fraction mapping. Perea RJ, Morales-Ruiz M, Ortiz-Perez JT, Bosch X, Andreu D, Borràs R, Acosta J, **Penela D**, Prat-González S, de Caralt TM, Martínez M, Morales-Romero B, Lasalvia L, Donnelly J, Jiménez W, Mira A, Mont L, Berruezo A. **Int J Cardiol**. 2016;223:458-464.
 20. Elucidation of hidden slow conduction by double ventricular extrastimuli: a method for further arrhythmic substrate identification in ventricular tachycardia ablation procedures. Acosta J, Andreu D, **Penela D**, Cabrera M, Carlosena A,

- Korshunov V, Vassanelli F, Borrás R, Martínez M, Fernández-Armenta J, Linhart M, Tolosana JM, Mont L, Berruezo A. **Europace**. 2016 Dec 25.
21. Identification of the Arrhythmogenic Substrate in the Acute Phase of ST-elevation Myocardial Infarction. **Penela D**, Acosta J, Andreu D, Ortiz JT, Bosch X, Perea R, Caralt T, Fernández-Armenta J, Prat S, Borrás R, Mont L, Hervás V, Morales M, Jiménez W, Mira A, Donnelly J, Ekinci O, Lasalvia L, Berruezo A. **Heart Rhythm**. 2017;14:592-598.
 22. Cardiac Magnetic Resonance-Aided Scar Dechanneling. Influence on Acute and Long-Term Outcomes. Andreu, D, **Penela D**, Acosta J, Fernández-Armenta J, Perea R, de Caralt T, Ortiz JT, Prat S, Borrás R, Guasch E, Tolosana JM, Mont M, Berruezo A. **Heart Rhythm**. 2017;14:1121-1128.
 23. Multielectrode vs. point-by-point mapping for ventricular tachycardia substrate ablation: a randomized study. Acosta J, **Penela D**, Andreu D, Cabrera M, Carlosena A, Vassanelli F, Alarcón F, Soto-Iglesias D, Korshunov V, Borrás R, Linhart M, Martínez M, Fernández-Armenta J, Mont L, Berruezo A. **Europace**. 2017 Jan 8.
 24. Safety, long-term outcomes and predictors of recurrence after first-line combined endoepicardial ventricular tachycardia substrate ablation in arrhythmogenic cardiomyopathy. Impact of arrhythmic substrate distribution pattern. A prospective multicentre study. Berruezo A, Acosta J, Fernández-Armenta J, Pedrote A, Barrera A, Arana-Rueda E, Bodegas AI, Anguera I, Tercedor L, **Penela D**, Andreu D, Perea RJ, Prat-González S, Mont L. **Europace**. 2017;19:607-616.
 25. Clinical recognition of pure premature ventricular complex-induced cardiomyopathy at presentation. **Penela D**, Fernández-Armenta J, Aguinaga L, Tercedor L, Ordoñez A, Bisbal F, Acosta J, Rossi L, Borrás R, Doltra A, Ortiz-Pérez JT, Bosch X, Perea RJ, Prat-González S, Soto-Iglesias D, Tolosana JM, Vassanelli F, Cabrera M, Linhart M, Martínez M, Mont L, Berruezo A. **Heart Rhythm**. 2017 Jul 27.
 26. Scar Characterization to Predict Life-Threatening Arrhythmic Events and Sudden Cardiac Death in Patients With Cardiac Resynchronization Therapy: The GAUDI-CRT Study. Acosta J, Fernández-Armenta J, Borrás R, Anguera I, Bisbal F, Martí-Almor J, Tolosana JM, **Penela D**, Andreu D, Soto-Iglesias D, Evertz R, Matiello M, Alonso C, Villuendas R, de Caralt TM, Perea RJ, Ortiz JT, Bosch X, Serra L, Planes X, Greiser A, Ekinci O, Lasalvia L, Mont L, Berruezo A. **JACC Cardiovasc Imaging**. 2017 Jul 28
 27. Clinical Validation of automatic local activation time annotation during focal premature ventricular complex ablation procedures. Acosta J, Soto-Iglesias D, Fernández-Armenta J, Frutos-López M, Jáuregui B, Arana-Rueda E, Fernández M, **Penela D**, Alcaine A, Cano L, Pedrote A, Berruezo A. **Europace** 2017. Nov 2. Ahead of print.
 28. Development of simulation combining a physical heart model and three-dimensional system for electrophysiology training. Rossi L, **Penela D**, Doni L, Marazzi R, Napoli V, Napoli L, Vilotta M, Villani GQ, De Ponti R. **Pacing Clin Electrophysiol**. 2018;41:1461-1466.
 29. Image-based criteria to identify the presence of epicardial arrhythmogenic substrate in patients with transmural myocardial infarction. Soto-Iglesias D, Acosta J, **Penela D**, Fernández-Armenta J, Cabrera M, Martínez M, Vassanelli F, Alcaine A, Linhart M, Jáuregui B, Efimova E, Perea RJ, Prat-González S,

- Ortiz-Pérez JT, Bosch X, Mont L, Camara O, Berruezo A. **Heart Rhythm**. 2018 ;15:814-821.
30. Automatic activation mapping and origin identification of idiopathic outflow tract ventricular arrhythmias. Alcaine A, Soto-Iglesias D, Acosta J, Korshunov V, **Penela D**, Martínez M, Linhart M, Andreu D, Fernández-Armenta J, Laguna P, Martínez JP, Camara O, Berruezo A. **J Electrocardiol**. 2018;51:239-246.
 31. Outcomes after sudden cardiac arrest in sports centres with and without on-site external defibrillators. Aschieri D, **Penela D**, Pelizzoni V, Guerra F, Vermi AC, Rossi L, Torretta L, Losi G, Villani GQ, Capucci A. **Heart**. 2018;104:1344-1349.
 32. Predictors of Zero X-Ray Ablation for Supraventricular Tachycardias in a Nationwide Multicenter Experience. Pani A, Giuseppina B, Bonanno C, Grazia Bongiorno M, Bottoni N, Brambilla R, Ceglia S, Della Bella P, Vito G, Malaspina D, Menardi E, Napoli V, Negroni MS, Ocello S, Orsida D, Pandozi C, Pedretti S, **Penela D**, Pepi P, Rossi L, Rovaris G, Scopinaro A, Vincenti A, Viola G, Zacà V, Zoppo F, Vergara P. **Circ Arrhythm Electrophysiol**. 2018 Mar;11.
 33. A QRS axis-based algorithm to identify the origin of scar-related ventricular tachycardia in the 17-segment American Heart Association model. Andreu D, Fernández-Armenta J, Acosta J, **Penela D**, Jáuregui B, Soto-Iglesias D, Syrovnev V, Arbelo E, Tolosana JM, Berruezo A. **Heart Rhythm**. 2018;15:1491-1497
 34. Prediction of premature ventricular complex origin in left vs. right ventricular outflow tract: a novel anatomical imaging approach. Korshunov V, **Penela D**, Linhart M, Acosta J, Martinez M, Soto-Iglesias D, Fernández-Armenta J, Vassanelli F, Cabrera M, Borràs R, Jáuregui B, Ortiz-Pérez JT, Perea RJ, Bosch X, Sanchez-Quintana D, Mont L, Berruezo A. **Europace**. 2019;21:147-153.
 35. Influence of myocardial scar on the response to frequent premature ventricular complex ablation. **Penela D**, Martínez M, Fernández-Armenta J, Aguinaga L, Tercedor L, Ordóñez A, Acosta J, Martí-Almor J, Bisbal F, Rossi L, Borràs R, Linhart M, Soto-Iglesias D, Jáuregui B, Ortiz-Pérez JT, Perea RJ, Bosch X, Mont L, Berruezo A. **Heart**. 2018
 36. Mortality and morbidity reduction after frequent premature ventricular complexes ablation in patients with left ventricular systolic dysfunction. Berruezo A, **Penela D**, Jáuregui B, Soto-Iglesias D, Aguinaga L, Ordóñez A, Fernández-Armenta J, Martínez M, Tercedor L, Bisbal F, Acosta J, Martí-Almor J, Aceña M, Anguera I, Rossi L, Linhart M, Borràs R, Doltra A, Sánchez P, Ortiz-Pérez JT, Perea RJ, Prat-González S, Teres C, Bosch X. **Europace**. 2019 Mar 24.
 37. Development of simulation combining a physical heart model and three-dimensional system for electrophysiology training. Rossi L, **Penela D**, Doni L, Marazzi R, Napoli V, Napoli L, Vilotta M, Villani GQ, De Ponti R. **Pacing Clin Electrophysiol**. 2018;41:1461-1466.
 38. Mobile health and implantable cardiac devices: Patients' expectations. Villani GQ, Villani A, Zanni A, Sticozzi C, **Maceda DP**, Rossi L, Pisati MS, Piepoli MF. **Eur J Prev Cardiol**. 2019 Mar 1.
 39. Monocyte Subsets Are Differently Associated with Infarct Size, Left Ventricular Function, and the Formation of a Potentially Arrhythmogenic Scar in Patients with Acute Myocardial Infarction. Bosch X, Jáuregui B, Villamor N, Morales-Ruiz M, Ortiz-Pérez JT, Borràs R, **Penela D**, Soto-Iglesias D, Perea RJ, Doltra

- A, Prat-González S, Jiménez W, Mira Á, Lasalvia L, Berruezo A. **J Cardiovasc Transl Res.** 2020;13:722-730.
40. Influence of baseline QRS on the left ventricular ejection fraction recovery after frequent premature ventricular complex ablation. **Penela D**, Jáuregui B, Fernández-Armenta J, Aguinaga L, Tercedor L, Ordóñez A, Acosta J, Bisbal F, Vassanelli F, Teres C, Aceña M, Martí-Almor J, De Sensi F, Vatasescu R, Borràs R, Sánchez Millán P, Soto-Iglesias D, Oller Martínez G, Carballo J, Berruezo A. **Europace.** 2020;22:274-280.
 41. Follow-Up After Myocardial Infarction to Explore the Stability of Arrhythmogenic Substrate: The Footprint Study. Jáuregui B, Soto-Iglesias D, **Penela D**, Acosta J, Fernández-Armenta J, Linhart M, Terés C, Syrovnev V, Zaraket F, Hervàs V, Prat-González S, Perea RJ, Morales-Ruiz M, Jiménez W, Lasalvia L, Bosch X, Ortiz-Pérez JT, Berruezo A. **JACC Clin Electrophysiol.** 2020;6:207-218.
 42. Cardiac Magnetic Resonance-Guided Ventricular Tachycardia Substrate Ablation. Soto-Iglesias D, **Penela D**, Jáuregui B, Acosta J, Fernández-Armenta J, Linhart M, Zucchelli G, Syrovnev V, Zaraket F, Terés C, Perea RJ, Prat-González S, Doltra A, Ortiz-Pérez JT, Bosch X, Camara O, Berruezo A. **JACC Clin Electrophysiol.** 2020;6:436-447.
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 44. Automatic Detection of Slow Conducting Channels during Substrate Ablation of Scar-Related Ventricular Arrhythmias. Alcaine A, Jáuregui B, Soto-Iglesias D, Acosta J, **Penela D**, Fernández-Armenta J, Linhart M, Andreu D, Mont L, Laguna P, Camara O, Martínez JP, Berruezo A. **J Interv Cardiol.** 2020.29;2020:4386841.
 45. Premature ventricular complex site of origin and ablation outcomes in patients with prior myocardial infarction. **Penela D**, Teres C, Fernández-Armenta J, Aguinaga L, Tercedor L, Soto-Iglesias D, Jáuregui B, Ordóñez A, Acosta J, Bisbal F, Aceña M, Silva E, Chauca A, De Sensi F, Vatasescu R, Sánchez-Millán P, Carballo J, Mont L, Berruezo A. **Heart Rhythm.** 2020;18:27-33.
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 48. Arrhythmogenic substrate detection in chronic ischaemic patients undergoing ventricular tachycardia ablation using multidetector cardiac computed tomography: compared evaluation with cardiac magnetic resonance. Jáuregui B, Soto-Iglesias D, Zucchelli G, **Penela D**, Ordóñez A, Terés C, Chauca A, Acosta J, Fernández-Armenta J, Linhart M, Perea RJ, Prat-González S, Bosch X, Ortiz-Pérez JT, Mont L, Berruezo A. **Europace.** 2020 Oct 10: doi: 10.1093/europace/euaa237.

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Premio Josep Font 2012, proyecto de fine especializzazione con el titulo "Papel de los biomarcadores de fibrosis cardíaca y de la resonancia magnética cardíaca en la predicción de remodelado inverso y las taquicardias ventriculares".

Fondo de Investigaciones Sanitarias FIS del Ministerio de Salud (2014): "Caracterización del Sustrato Arritmogénico y Evaluación de su Utilidad en la Predicción de Eventos Arritmicos y Guiado de los Procedimientos de Ablacion".

Altri meriti:

Sub-investigador studio ATLAS-II

Sub-investigador studio SHIELD-II

2012. ESTUDIO FOREST_SHIELD. Número de protocolo AZM_MD302, A Phase 3 Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study of the Effects of Once-Daily Oral Doses of 75 mg Azimilide Dihydrochloride on the Incidence of Cardiovascular Hospitalizations/Emergency Department Visits or Cardiovascular Death in Patients with an Implantable Cardioverter Defibrillator. Sub-investigator.

2011-2014: Sub-investigator nell'Hospital Clínic del progetto di Fibrosi Cardiaca "Role of Serum Biomarkers of Cardiac Fibrosis and Magnetic Resonance Imaging to Predict Adverse Cardiac Remodeling and Ventricular Arrhythmia Susceptibility". Durata del progetto: 3 anni

2015: Co-investigatore: Evolución de la fracción de eyección tras ablación de extrasístoles ventriculares frecuentes en pacientes con cardiopatía estructural y disfunción sistólica ventricular izquierda. Investigador Principal: Antonio Berruezo. Estudio Multicéntrico.

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003,
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