



Research on Invasive Clinical Cardiology - ICCI-PAZ Group

Publications: 72
Q1: 43



RESEARCH ACTIVITY

■ Doctoral theses

del Prado Díaz S. Cambios hemodinámicos y adaptación morfológica y funcional del corazón materno durante la gestación única y gemelar[dissertation]. Madrid: UAM: 2021(17/05/2021).

Directors: de la Calle Fernández-Miranda M,
Guzmán Martínez G.

■ Publications

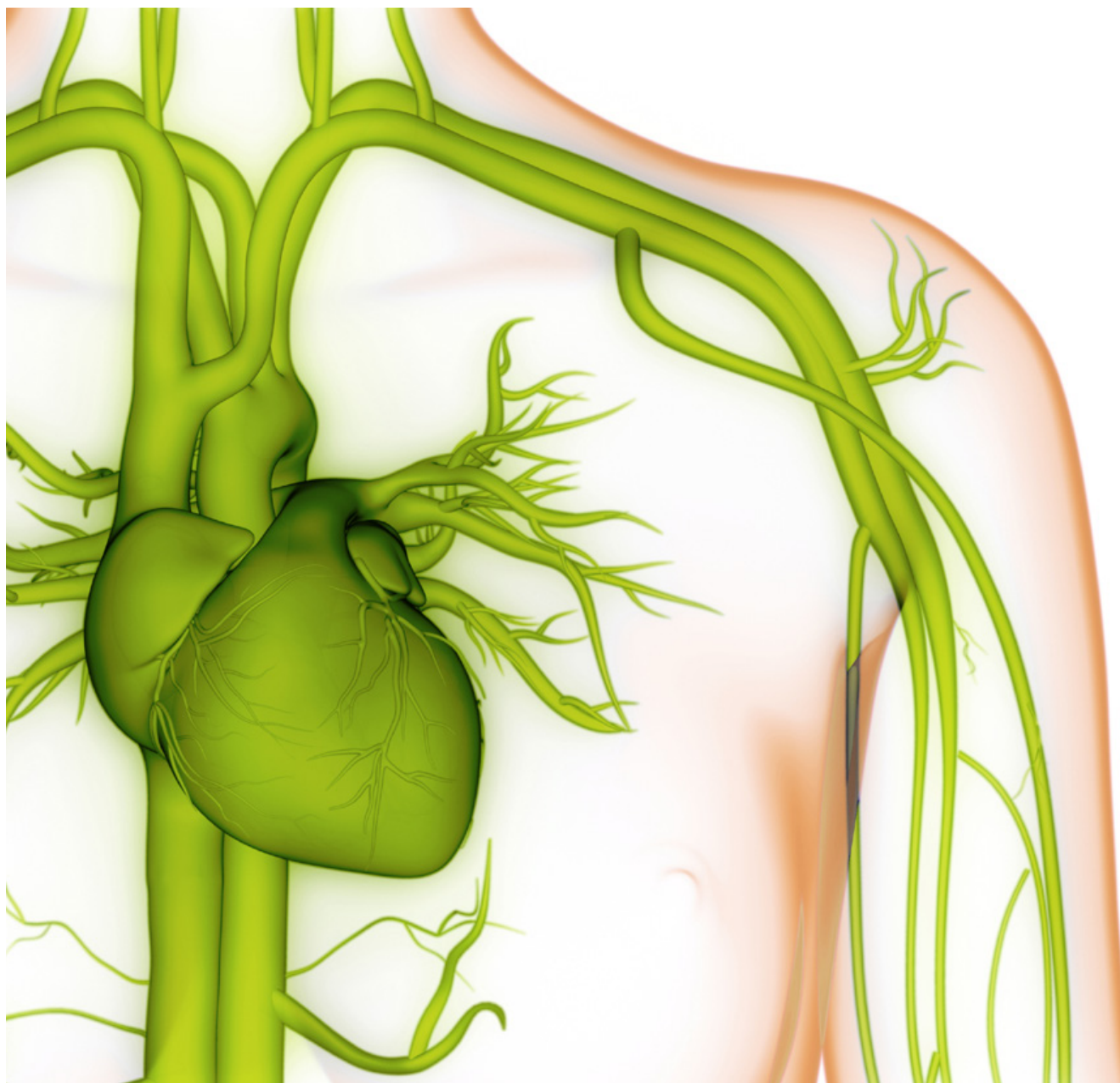
- Alfonso F, Cuesta J, del Blanco BG, Bosa F, de Prado AP, Masotti M, Trillo R, Rumoroso JR, Moreno R, Cequier A, Gutiérrez H, Touchard AG, López-Minguez JR, Zueco J, Serra A, Velázquez M, Moris C, Bastante T, García-Guimaraes M, Rivero F, Fernández-Pérez C. Scoring balloon predilation before bioresorbable vascular scaffold implantation in patients with in-stent restenosis: the RIBS VI 'scoring' study. *Coronary Artery Dis.* 2021; 32(2): 96-104. Article. IF: 1.717; Q4
- Anker SD, Butler J, Filippatos G, Ferreira JP, Boc-

chi E, Bohm M, Brunner-La Rocca HP, Choi DJ, Chopra V, Chuquiure-Valenzuela E, Giannetti N, Gómez-Mesa JE, Janssens S, Januzzi JL, González-Juanatey JR, Merkely B, Nicholls SJ, Perrone SV, Pina IL, Ponikowski P, Senni M, Sim D, Spinar J, Squire I, Taddei S, Tsutsui H, Verma S, Vineanu D, Zhang J, Carson P, Lam CSP, Marx N, Zeller C, Sattar N, Jamal W, Schnaidt S, Schnee JM, Brueckmann M, Pocock SJ, Zannad F, Packer M, (López-Sendón JL). Empagliflozin in heart failure with a preserved ejection fraction. *New Engl J Med.* 2021; 385(16): 1451-61. Article. IF: 176.079; D1

- Anker SD, Butler J, Filippatos G, Khan MS, Marx N, Lam CSP, Schnaidt S, Ofstad AP, Brueckmann M, Jamal W, Bocchi EA, Ponikowski P, Perrone SV, Januzzi JL, Verma S, Bohm M, Ferreira JP, Pocock SJ, Zannad F, Packer M. Effect of empagliflozin on cardiovascular and renal outcomes in patients with heart failure by baseline diabetes status results from the EMPEROR-Reduced Trial. *Circulation.* 2021; 143(4): 337-49. Article. IF: 39.918; D1
- Bhatt DL, Szarek M, Pitt B, Cannon CP, Leiter LA, McGuire DK, Lewis JB, Riddle MC, Inzucchi SE,



- Kosiborod MN, Cherney DZI, Dwyer JP, Scirica BM, Bailey CJ, Diaz R, Ray KK, Udell JA, Lopes RD, Lapuerta P, Steg PG, (López-Sendón JL). Sotagliflozin in patients with diabetes and chronic kidney disease. *New Engl J Med.* 2021; 384(2): 129-39. Article. IF: 176.079; D1
- Briongos-Figuero S, García-Alberola A, Rubio J, Segura JM, Rodríguez A, Peinado R, Alzueta J, Martínez-Ferrer JB, Vinolas X, de la Concha JF, Anguera I, Martín M, Cerda L, Pérez L. Long-term outcomes among a nationwide cohort of patients using an implantable cardioverter-defibrillator: UMBRELLA Study Final Results. *J Am Heart Assoc.* 2021; 10(1): e018108. Article. IF: 6.106; Q2
 - Caro-Codón J, Lip GYH, Rey JR, Iniesta AM, Rosillo SO, Castrejón-Castrejón S, Rodríguez-Sotelo L, García-Vecas JM, Marco I, Martínez LA, Martín-Polo L, Merino C, Martínez-Cossiani M, Buno A, González-Valle L, Herrero A, López-de-Sa E, Merino JL. Prediction of thromboembolic events and mortality by the CHADS(2) and the CHA(2) DS(2)-VASc in COVID-19. *Europace.* 2021; 23(6): 937-47. Article. IF: 5.486; Q2
 - Caro-Codón J, Rey JR, Buño A, Iniesta AM, Rosillo SO, Castrejón-Castrejón S, Merino C, Marco I, Martínez LA, García-Vecas JM, Martín-Polo L, Rodríguez-Sotelo L, Martínez-Cossiani M, González-Valle L, Herrero A, López-de-Sa E, Merino JL. Characterization of myocardial injury in a cohort of patients with SARS-CoV-2 infection. *Med Clin-Barcelona.* 2021; 157(6): 274-80. Article. IF: 3.2; Q2
 - Caro-Codón J, Rey JR, Buño A, Iniesta AM, Rosillo SO, Castrejón-Castrejón S, Rodríguez-Sotelo L, Martínez LA, Marco I, Merino C, Martín-Polo L, García-Vecas JM, Martínez-Cossiani M, González-Valle L, Herrero A, López-de-Sa E, Merino JL. Characterization of NT-proBNP in a large cohort of COVID-19 patients. *Eur J Heart Fail.* 2021; 23(3): 456-64. Article. IF: 17.349; D1
 - Chieffo A, Tarantini G, Naber CK, Barbato E, Roffi M, Stefanini GG, Buchanan GL, Buszman P, Moreno R, Zawislak B, Cayla G, Danenberg H, Da Silveira JAB, Nef H, James SK, Ferre JM, Voskuil M, Witt N, Windecker S, Baumbach A, Dudek D. Performing elective cardiac invasive procedures during the COVID-19 outbreak: a position statement from the European Association of Percutaneous Cardiovascular Interventions (EAPCI). *Eurointervention.* 2021; 16(14): 1177-86. Article. IF: 7.728; Q1
 - de Groot JR, Weiss TW, Kelly P, Monteiro P, Deharo JC, de Asmundis C, López-de-Sa E, Waltenberger J, Steffel J, Levy P, Bakhai A, Zierhut W, Laeis P, Manu MC, Reimnitz PE, De Caterina R, Kirchhof P. Edoxaban for stroke prevention in atrial fibrillation in routine clinical care: 1-year follow-up of the prospective observational ETNA-AF-Europe study. *Eur Heart J Cardiovasc Pharmacother.* 2021; 7(F11): F30-9. Article. IF: 11.177; D1
 - De Luca G, Debel N, Cercek M, Jensen LO, Vavlukis M, Calmac L, Johnson T, Ferrer GR, Ganjukov V, Wojakowski W, Kinnaird T, von Birgelen C, Cottin Y, IJsselmuiden A, Tuccillo B, Versaci F, Royyaards KJ, ten Berg J, Laine M, Dirksen M, Siviglia M, Casella G, Kala P, Gil JLD, Banning A, Becerra V, De Simone C, Santucci A, Carrillo X, Scoccia A, Amoroso G, van't Hof AW, Kovarnik T, Tsigkas G, Mehili J, Gabrielli G, Rios XF, Bakracski N, Levesque S, Cirrincione G, Guiducci V, Kidawa M, Spedicato L, Marinucci L, Ludman P, Zilio F, Galasso G, Fabris E, Menichelli M, García-Touchard A, Manzo S, Caiazzo G, Moreu J, Fores J, Donazzan L, Vignali L, Teles R, Benit E, Agostoni P, Ojeda FB, Lehtola H, Camacho-Freire S, Kraaijeveld A, Antti Y, Boccialatte M, Deharo P, Martínez-Luengas JL, Scheller B, Varytimidi E, Moreno R, Uccello G, Faurie B, Barrios AG, Milewski M, Bruwiere E, Smits P, Wilbert B, Di Uccio FS, Parodi G, Kedhi E, Verdoia M. Impact of SARS-CoV-2 positivity on clinical outcome among STEMI patients undergoing mechanical reperfusion: Insights from the ISACS STEMI COVID 19 registry. *Atherosclerosis.* 2021; 332: 48-54. Article. IF: 6.847; Q1
 - Delgado J, Cepeda JM, Llorens P, Jacob J, Comin J, Montero M, Miro O, de Sa EL, Manzano L, Martín-Sánchez FJ, Formiga F, Masip J, Pérez-Calvo JI, Herrero-Puente P, Manito N. Consensus on improving the comprehensive care of patients with acute heart failure. *Rev Clin Esp.* 2021; 221(3): 163-8. Article. IF: 3.064; Q2
 - Demchuk AM, Yue P, Zotova E, Nakamya J, Xu LZ, Milling TJ, Ohara T, Goldstein JN, Middeldorp S, Verhamme P, López-Sendón JL, Conley PB, Curnutte JT, Eikelboom JW, Crowther M, Connolly SJ. Hemostatic efficacy and anti-FXa (Factor Xa) reversal with andexanet alfa in intracranial hemorrhage ANNEXA-4 Substudy. *Stroke.* 2021; 52(6): 2096-105. Article. IF: 10.17; D1
 - Dube MP, Legault MA, Lemacon A, Perreault LPL, Foudjio R, Waters DD, Kouz S, Pinto FJ, Maggioni AP, Diaz R, Berry C, Koenig W, López-Sendón J, Gamra H, Kiwan GS, Asselin G, Provost S, Barhadi A, Sun ME, Cossette M, Blondeau L, Mongrain I, Dubois A, Rhainds D, Bouabdallaoui N, Samuel M, de Denus S, L'Allier PL, Guertin MC, Roubille F, Tardif JC. Pharmacogenomics of the efficacy and safety of colchicine in COLCOT. *Circ Genom Precis Med.* 2021; 14(2): 223-9. Article. IF: 7.465; D1
 - Fabritz L, Crijns HJGM, Guasch E, Goette A, Hausler KG, Kotecha D, Lewalter T, Meyer C, Potpara TS, Rienstra M, Schnabel RB, Willems S, Breithardt G, Camm AJ, Chan A, Chua W, de Melis M, Dimopoulou C, Dobrev D, Easter C, Eckardt L, Haase D, Hatem S, Healey JS, Heijman J, Hohnloser SH, Huebner T, Ilyas BS, Isaacs A, Kutschka I, Leclercq C, Lip GYH, Marinelli EA, Merino JL, Mont L, Nabauer M, Oldgren J, Purerfellner H, Ravens U, Savelieva I, Sinner MF, Storch A, Smolnik R, Steffel J, Stein K, Stoll M, Svennberg E, Thomas D, Van Gelder IC, Vardar B, Wakili R, Wieloch M, Zeemering S, Ziegler PD, Heidbuchel H, Hindricks G, Schotten U, Kirchhof P. Dynamic risk assessment to improve quality of care in patients with atrial fibrillation: the 7th AFNET/EHRA Consensus Conference. *Europace.* 2021; 23(3): 329-44. Article. IF: 5.486; Q2
 - Faroux L, Lhermusier T, Vincent F, Nombela-Franco L, Tchetché D, Barbanti M, Abdel-Wahab M, Windecker S, Auffret V, Campanha-Borges DC, Fischer Q, Munoz-García E, Trillo-Nouche R, Jorgensen T, Serra V, Toggweiler S, Tarantini G, Saia F, Durand E, Donaint P, Gutiérrez-Ibanes E, Wijeyundera HC, Veiga G, Patti G, D'Ascenzo F, Moreno R, Hengstenberg C, Chamandi C, Asmarats L, Hernández-Antolin R, Gómez-Hospital JA, Córdoba-Soriano JG, Landes U, Jiménez-Díaz VA, Cruz-González I, Nejari M, Roubille F, Van Belle E, Armijo G, Siddiqui S, Costa G, Elsaify S, Pilgrim T, le Breton H, Urena M, Munoz-García AJ, Sondergaard L, Bach-Oller M, Fraccaro C, Eltchaninoff H, Metz D, Tamargo M, Fradejas-Sastre V, Rognoni A, Bruno F, Goliasch G, Santalo-Corcay M, Jiménez-Mazuecos J, Webb JG, Muntane-Carol G, Paradis JM, Mangieri A, Ribeiro HB, Campelo-Parada F, Rodes-Cabau J. ST-Segment elevation myocardial infarction following transcatheter aortic valve replacement. *J Am Coll Cardiol.* 2021; 77(17): 2187-99. Article. IF: 27.203; D1
 - Fiolet ATL, Opstal TSJ, Mosterd A, Eikelboom JW, Jolly SS, Keech AC, Kelly P, Tong DC, Lalyand J, Nidorf SM, Thompson PL, Budgeon C, Tijssen JGP, Cornel JH, (López-Sendón JL). Efficacy and safety of low-dose colchicine in patients with coronary disease: a systematic review and meta-analysis of randomized trials. *Eur Heart J.* 2021; 42(28): 2765-75. Review. IF: 35.855; D1
 - Gao C, Kogame N, Sharif F, Smits PC, Tonino P, Hofma S, Moreno R, Choudhury A, Petrov I, Cequier A, Colombo A, Kaul U, Zaman A, de Winter RJ, Onuma Y, Serruys PW. Prospective multicenter randomized all-comers trial to assess the safety and effectiveness of the ultra-thin strut sirolimus-eluting coronary stent supraflex two-year outcomes of the TALENT Trial. *Circ-Cardiovasc Inte.* 2021; 14(3): e010312. Letter. IF: 7.514; Q1
 - García-Escobar A, Jiménez-Valero S, Galeote G, Jurado-Roman A, García-Rodríguez J, Moreno R. The soluble catalytic ectodomain of ACE2 a biomarker of cardiac remodelling: new insights for heart failure and COVID19. *Heart Fail Rev.* 2021; 26(4): 961-71. Article. IF: 4.654; Q2
 - García-Escobar A, Jurado-Román A, Jiménez-Valero S, Galeote G, Moreno R. Clinical outcomes of drug-eluting balloon for treatment of small coronary artery in patients with acute myocardial infarction: comment. *Intern Emerg Med.* 2021; 16(4): 1099-100. Letter. IF: 5.472; Q2
 - García-Guimaraes M, Bastante T, Macaya F, Roura G, Sanz R, Alvarado JCB, Tizon H, Flores-Ríos X, Moreu J, Ojeda S, Nogales JM, Veiga G, Masetti M, Camacho-Freire SJ, Jiménez-Valero S, Jiménez-Kockar M, Lozano I, González-Ferreiro R, Velazquez M, Avanzas P, Rivero F, Alfonso F. Spontaneous coronary artery dissection in Spain: clinical and angiographic characteristics, management, and in-hospital events. *Rev Esp Cardiol.* 2021; 74(1): 15-23. Article. IF: 6.975; Q1
 - Goligher EC, Bradbury CA, McVerry BJ, Lawler PR, Berger JS, Gong MN, Carrier M, Reynolds HR, Kumar A, Turgeon AF, Kornblith LZ, Kahn SR, Marshall JC, Kim KS, Houston BL, Derde LPG, Cushman M, Tritschler T, Angus DC, Godoy LC, McQuilten Z, Kirwan BA, Farkouh ME, Brooks MM, Lewis RJ, Berry LR, Lorenzi E, Gordon AC, Berry SM, McArthur CJ, Neal MD, Hochman JS, Webb SA, Zarychanski R, Ahuja T, Al-Beidh F, Anane D, Arabi YM, Aryal D, Kreuziger LB, Beane A, Bhimani Z, Bihari S, Billett HH, Bond L, Bonten M, Brunkhorst F, Buxton M, Buzgau A, Castellucci LA, Chekuri S, Chen JT, Cheng AC, Chkhikvadze T, Coiffard B, Contreras A, Costantini TW, de Brouwer S, Dettry MA, Duggal A, Dzavik V, Efron MB, Eng HF, Escobedo J, Estcourt LJ, Everrett BM, Fergusson DA, Fitzgerald M, Fowler RA, Froese JD, Fu ZX, Galanaud JP, Galen BT, Gandotra S, Girard TD, Goodman AL, Goossens H, Green C, Greenstein YY, Gross PL, Haniffa R, Hegde SM, Hendrickson CM, Higgins AM, Hindenburg AA, Hope AA, Horowitz JM, Horvat



CM, Huang DT, Hudock K, Hunt BJ, Husain M, Hyzy RC, Jacobson JR, Jayakumar D, Keller NM, Khan A, Kim Y, Kindzelski A, King AJ, Kornblith AE, Kutcher ME, Laffan MA, Lamontagne F, Le Gal G, Leeper CM, Leifer ES, Lim G, Lima FG, Linstrum K, Litton E, López-Sendón J, Lother SA, Marten N, Martínez AS, Martínez M, García EM, Mavromichalis S, McAuley DF, McDonald EG, McGlothlin A, McGuinness SP, Middeldorp S, Montgomery SK, Mouncey PR, Murthy S, Nair GB, Nair R, Nichol AD, Nicolau JC, Nunez-García B, Park JJ, Park PK, Parke RL, Parker JC, Parnia S, Paul JD, Pompilio M, Quigley JG, Rosenson RS, Rost NS, Rowan K, Santos FO, Santos M, Santos MO, Satterwhite L, Saunders CT, Schreiber J, Schutgens REG, Seymour CW, Siegal DM, Silva DG, Singhal AB, Slutsky AS, Solvason D, Turner AM, Van Bentum-Puijk W, van de Veerdonk FL, van Diepen S, Vázquez-Grande G, Wahid L, Wareham V, Widmer RJ, Wilson JG, Yuriditsky E, Zhong YQ. Therapeutic anticoagulation with heparin in critically ill patients with Covid-19. *New Engl J Med.* 2021; 385(9): 777-89. Article. IF: 176.079; D1

- Gonzalo N, Salazar CH, Pérez-Vizcayno MJ, Gómez-Polo JC, Jiménez-Quevedo P, Jiménez-Valero S, Masotti M, Romaguera R, Fernández-Ortiz A, Escaned J, Alfonso F, Macaya C. Influence of neoatherosclerosis on prognosis and treatment response in patients with in-stent restenosis. *Rev Esp Cardiol.* 2021; 74(5): 427-35. Article. IF: 6.975; Q1
- González-García A, Jiménez-Valero S, Jurado-Román A, Galeote G, Moreno R. Transcatheter aortic valve implantation during COVID-19 pandemic: The device also matters. *Cardiovasc Resusc Med.* 2021; 26: 66-7. Letter. Not Indexed
- Grand J, Miger K, Sajadieh A, Kober L, Torp-Pedersen C, Ertl G, López-Sendón J, Maggioni AP, Teerlink JR, Sato N, Gimpelewicz C, Metra M, Holbro T, Nielsen OW. Systolic blood pressure and outcome in patients admitted with acute heart failure: An analysis of individual patient data from 4 randomized clinical trials. *J Am Heart Assoc.* 2021; 10(18): e022288. Article. IF: 6.106; Q2
- Gutiérrez E, Gómez-Lara J, Moreno R. Importance of nonobstructive atheromatosis in patients with acute myocardial infarction. *Rev Esp Cardiol.* 2021; 74(11): 901-4. Editorial Material. IF: 6.975; Q1
- Hernández JMDT, Otaegui I, Subinas A, Gómez-Menchero A, Moreno R, Rondan J, Muñoz-García E, Sainz-Laso F, del Blanco BG, Rumoroso



JR, Díaz JF, Berenguer A, Gómez-Lara J, Zueco J. First-in-man evaluation of a sirolimus-eluting stent with abluminal fluoropolymeric/triflusal coating with ultrathin struts by OCT at 9 months' follow-Up: The PROMETHEUS Study. *Cardiovasc Revasc Med.* 2021; 32: 18-24. Article. Not Indexed

- Jurado-Román A, González A, Jiménez-Valero S, Galeote G, Moreno R, de Sa EL. What have we learnt from the use of papyrus covered stent in France and Spain?. *Catheter Cardio Int.* 2021; 98(2): 410. Letter. IF: 2.585; Q3
- Jurado-Román A, Jiménez-Valero S, Galeote G, Moreno R. Traveling wire after chronic total occlusion percutaneous coronary intervention. *J Invasive Cardiol.* 2021; 33(7): E578-9. Editorial Material. IF: 1.711; Q4
- Jurado-Román A, Rodríguez O, Amat I, Romani SA, García-Touchard A, Cruz-González I, Benito-González T, Fernández-Cisnal A, Córdoba-Soriano JG, Subinas A, Hernández-Antolín R, Bayón J, García-Tejada J, Salinas P, Cortés C, Lozano F, Bastante T, Núñez-Gil JJ, Moreno R, López-Sendón JL. Clinical outcomes after implantation of polyurethane-covered cobalt-chromium stents: Insights from the papyrus-Spain registry. *Cardiovasc Revasc Med.* 2021; 29: 22-8. Article. Not Indexed
- Lam CSP, Giczewska A, Sliwa K, Edelmann F, Refsgaard J, Bocchi E, Ezekowitz JA, Hernández AF, O'Connor CM, Roessig L, Patel MJ, Pieske B, Anstrom KJ, Armstrong PW, (López-Sendón JL). Clinical outcomes and response to vericiguat according to index heart failure event insights from the VICTORIA Trial. *JAMA Cardiol.* 2021; 6(6): 706-12. Article. IF: 30.154; D1
- Lawler PR, Golighe EC, Berge JS, Neal MD, McVerry BJ, Nicolau JC, Gong MN, Carrier M, Rosenson RS, Reynolds HR, Turgeon AF, Escobedo J, Huang DT, Bradbury CA, Houston BL, Kornblith LZ, Kumar A, Kah NSR, Cushman M, McQuillen Z, Slutsky AS, Kim KS, Gordon AC, Kirwan BA, Brooks MM, Higgins AM, Lewis RJ, Lorenzi E, Berry SM, Berry LR, Angus DC, McArthur CJ, Webb SA, Farkouh ME, Hochman JS, Zarychanski R, Aday AW, Al-Beidh F, Annane D, Arabi YM, Aryal D, Kreuziger LB, Beane A, Bhimani Z, Bihari S, Billett HH, Bond L, Bonten M, Brunkhorst F, Buxton M, Buzgau A, Castellucci LA, Chekuri S, Chen JT, Cheng AC, Chkhikvadze T, Coiffard B, Costantini TW, de Brouwer S, Derde LPG, Detry MA, Duggal A, Dzavik V, Effron MB, Estcourt LJ, Everett BM, Fergusson DA, Fitzgerald M, Fowler RA, Galanaud JP, Galen BT, Gandotra S, García-

Madrona S, Girard TD, Godoy LC, Goodman AL, Goossens H, Green C, Greenstein YY, Gross PL, Hamburg NM, Haniffa R, Hanna G, Hanna N, Hegde SM, Hendrickson CM, Hite RD, Hindenburg AA, Hope AA, Horowitz JM, Horvat CM, Hudock K, Hunt BJ, Husain M, Hyzy RC, Iyer VN, Jacobson JR, Jayakumar D, Keller NM, Khan A, Kim Y, Kindzelski AL, Kin AJ, Knudson MM, Kornblith AE, Krishnan V, Kutcher ME, Laffan MA, Lamontagne F, Le Gal G, Leeper CM, Leifer ES, Lim G, Lima FG, Linstrum K, Litton E, López-Sendón J, Moreno JLLS, Lothar SA, Malhotra S, Marcos M, Martinez AS, Marshall JC, Marten N, Matthey MA, McAuley DF, McDonald EG, McGlothlin A, McGuinness SP, Middeldorp S, Montgomery SK, Moore SC, Guerreor RM, Mouncey PR, Murthy S, Nair GB, Nair R, Nichol AD, Núñez-García B, Pandey A, Park PK, Parke RL, Parker JC, Parnia S, Paul JD, González YSP, Pompilio M, Prekker ME, Quigley JG, Rost NS, Rowan K, Santos FO, Santos M, Santos MO, Satterwhite L, Saunders CT, Schutgens REG, Seymour CW, Siegal DM, Silva DG, Shankar-Hari M, Sheehan JP, Singhal AB, Solvaso D, Stanworth SJ, Tritschler T, Turner AM, Van Bentum-Puijk W, van de Veerdonk FL, van Diepen S, Vázquez-Grande G, Wahid L, Wareham V, Wells BJ, Widmer RJ, Wilson JG, Yuriditsky E, Zampieri FG. Therapeutic anticoagulation with heparin in noncritically ill patients with Covid-19. *New Engl J Med.* 2021; 385(9): 790-802. Article. IF: 176.079; D1

• López-de-Sa E. Acute coronary occlusion in non-STEMI: If you change the way you look at things, the things you look at change. *Int J Cardiol.* 2021; 322: 49-50. Editorial Material. IF: 4.039; Q2

• López-Sendón J, Moreno R, Tamargo J. ISCHEMIA trial: key questions and answers. *Eur Cardiol.* 2021; 16: e34. Article. Not Indexed

• Magnani G, Ardissino D, Im K, Budaj A, Storey RF, Steg PG, Bhatt DL, Cohen M, Ophius TO, Goudev A, Parkhomenko A, Kamensky G, Angiolillo DJ, López-Sendón J, Johanson P, Braunwald E, Sabatine MS, Bonaca MP. Predictors, type, and impact of bleeding on the net clinical benefit of long-term ticagrelor in stable patients with prior myocardial infarction. *J Am Heart Assoc.* 2021; 10(4): e017008. Article. IF: 6.106; Q2

• Mancini G BJ, Leipsic J, Budoff MJ, Hague CJ, Min JK, Stevens SR, Reynolds HR, O'Brien SM, Shaw LJ, Manjunath CN, Mavromatis K, Demkow M, López-Sendón JL, Chernavskiy AM, Gosselin G, Schuchlenz H, Devlin GP, Chauhan A, Bangalore S, Hochman JS, Maron DJ. CT angiography

followed by invasive angiography in patients with moderate or severe ischemia-insights from the ISCHEMIA Trial. *JACC Cardiovasc Imaging.* 2021; 14(7): 1384-93. Article. IF: 16.051; D1

• Manolis AJ, Boden WE, Collins P, Dechend R, Kallistratos MS, Sendón JL, Poulimenos LE, Ambrosio G, Rosano G. State of the art approach to managing angina and ischemia: tailoring treatment to the evidence. *Eur J Intern Med.* 2021; 92: 40-7. Review. IF: 7.749; Q1

• Melón NMM, Valero SJ, González-Trevilla AA, Martín MTV. Intraplaque hemorrhage: Can OCT identify this elusive pathological substrate? *Cardiovasc Revasc Med.* 2021; 30: 89-90. Editorial Material. Not Indexed

• Merino-Caviedes S, Gutiérrez LK, Alfonso-Almazán JM, Sanz-Estebáñez S, Cordero-Grande L, Quintanilla JG, Sánchez-González J, Marina-Breyse M, Galán-Arriola C, Enriquez-Vázquez D, Torres C, Pizarro G, Ibáñez B, Peinado R, Merino JL, Pérez-Villacastín J, Jalife J, López-Yunta M, Vázquez M, Aguado-Sierra J, González-Ferrer JJ, Pérez-Castellano N, Martín-Fernández M, Albero-López C, Filgueiras-Rama D. Time-efficient three-dimensional transmural scar assessment provides relevant substrate characterization for ventricular tachycardia features and long-term recurrences in ischemic cardiomyopathy. *Sci Rep-Uk.* 2021; 11(1): 18722. Article. IF: 4.996; Q2

• Mesnier J, Ducrocq G, Danchin N, Ferrari R, Ford I, Tardif JC, Tendera M, Fox KM, Steg PG, (López-Sendón JL). International observational analysis of evolution and outcomes of chronic stable angina the multinational CLARIFY study. *Circulation.* 2021; 144(7): 512-23. Article. IF: 39.918; D1

• Miller AB, Januzzi JL, O'Neill BJ, Gundapaneni B, Patterson TA, Sultan MB, López-Sendón J. Causes of cardiovascular hospitalization and death in patients with transthyretin amyloid cardiomyopathy (from the Tafamidis in Transthyretin Cardiomyopathy Clinical Trial [ATTR-ACT]). *Am J Cardiol.* 2021; 148: 146-50. Article. IF: 3.133; Q3

• Monreal E, de la Maza SS, Gullón P, Natera-Villalba E, Chico-García JL, Beltrán-Corbellini A, Martínez-Sanz J, García-Barragán N, Buisan J, Toledano R, Alonso-Canovas A, Pérez-Torre P, Matute-Lozano MC, López-Sendón JL, García-Ribas G, Corral I, Fortun J, Montero-Corrasquin B, Manzano L, Maiz-Carro L, Costa-Frossard L, Masjuan J. Non-severe immunosuppression might be associated with a lower risk of moderate-severe acute respiratory distress syndrome in COVID-19: A pilot study. *J Med Virol.* 2021;

93(4): 2243-51. Article. IF: 20.693; D1

• Moreno R, Alonso JJ, Caballero R, del Corral E, Elizaga J, Asenjo RM, Mena MJ, Alfonso F, Fernández-Ortiz A, Goicolea FJ, Botas J, Navarro F, Alegria-Barrero E, Ansedo JC, de Sa EL, López-Sendón JL. Age and gender influence on time of arrival for STEMI patients during Covid-19 pandemic. *Am J Emerg Med.* 2021; 42: 244-5. Letter. IF: 4.093; Q1

• Moreno R, Baz JA, Moreu J, Berenguer A, González-García A, Galeote G, Hernández U, Canton T, Jiménez-Valero S, Jurado-Román A, Moya H, Lazaro E. Transcatheter aortic valve implantation for degenerated aortic valves: Experience with a new supra-annular device. The Spanish Allegra valve-in-valve (SAVIV) registry. *Catheter Cardio Int.* 2021; 98(2): 365-70. Article. IF: 2.585; Q3

• Moreno R, Díez JL, Diarte JA, Salinas P, Hernández JMD, Andrés-Cordón JF, Trillo R, Briales JA, Amat-Santos I, Romaguera R, Díaz JF, Vaquerizo B, Ojeda S, Cruz-González I, Morena-Salas D, de Prado AP, Sarnago F, Portero P, Gutiérrez-Barrios A, Alfonso F, Bosch E, Pinar E, Ruiz-Arroyo JR, Ruiz-Quevedo V, Jiménez-Mazuecos J, Lozano F, Rumoroso JR, Novo E, Irazusta FJ, Del Blanco BG, Moreu J, Ballesteros-Pradas SM, Frutos A, Villa M, Alegria-Barrero E, Lazaro R, Paredes E. Impact of diabetes in patients waiting for invasive cardiac procedures during COVID-19 pandemic. *Cardiovasc Diabetol.* 2021; 20(1): 69. Article. IF: 8.949; Q1

• Moreno R, Unverdorben M, Jurado-Roman A, Galeote G, Jiménez-Valero S, Arroyo-Ucar E, Thiele H. The risk of valve thrombosis is higher with intra-annular versus supra-annular transcatheter aortic valve prosthesis. A meta-analysis from randomized controlled trials. *Clin Res Cardiol.* 2021; 110(12): 2007-9. Letter. IF: 6.138; Q2

• Moreno R. After TAVI, aspirin vs. aspirin plus clopidogrel for 3 mo reduced bleeding and a composite of bleeding and thrombotic events at 1 y. *Ann Intern Med.* 2021; 174(2): JC21. Editorial Material. IF: 51.598; D1

• Ntaios G, Huisman MV, Diener HC, Halperin JL, Teutsch C, Marler S, Gurusamy VK, Thompson M, Lip GYH, Olshansky B, (López-Sendón JL). Anticoagulant selection in relation to the SAME-TT2R2 score in patients with atrial fibrillation: The GLORIA-AF registry. *Hell J Cardiol.* 2021; 62(2): 152-7. Article. IF: 5.795; Q2

• Oliver JM, Gallego P, González AE, Ávila P, Alonso A, García-Hamilton D, Peinado R, Dos-Subira L, Pijuan-Domenech A, Rueda J, Rodríguez-Pu-



- ras MJ, García-Orta R, Martínez-Quintana E, Datino T, Fernández-Aviles F, Bermejo J. Predicting sudden cardiac death in adults with congenital heart disease. *Heart*. 2021; 107(1): 67-75. Article. IF: 7.365; Q1
- Oliver-Ruiz JM, Peinado-Peinado R. Preventing ventricular arrhythmias and sudden cardiac death in adults with repaired tetralogy of Fallot: a never-ending story? *Rev Esp Cardiol*. 2021; 74(11): 905-8. Editorial Material. IF: 6.975; Q1
 - Packer M, Anker SD, Butler J, Filippatos G, Ferreira JP, Pocock SJ, Sattar N, Brueckmann M, Jamal W, Cotton D, Iwata T, Zannad F. Empagliflozin in patients with heart failure, reduced ejection fraction, and volume overload. *J Am Coll Cardiol*. 2021; 77(11): 1381-92. Article. IF: 27.203; D1
 - Packer M, Butler J, Zannad F, Filippatos G, Ferreira JP, Pocock SJ, Carson P, Anand I, Doehner W, Haass M, Komajda M, Miller A, Pehrson S, Teerlink JR, Schnaidt S, Zeller C, Schnee JM, Anker SD, (López-Sendón JL). Effect of empagliflozin on worsening heart failure events in patients with heart failure and preserved ejection fraction EMPEROR-Preserved Trial. *Circulation*. 2021; 144(16): 1284-94. Article. IF: 39.918; D1
 - Pascual-Tejerina V, Sánchez-Recalde A, Gutiérrez-Larraya F, Ruiz-Cantador J, Rodríguez-Padial L, Zamorano JL. Transcatheter closure of a vertical vein in a patient with total anomalous pulmonary venous drainage decompressing the left atrium with an AFR device. *Rev Esp Cardiol*. 2021; 74(11): 990-1. Letter. IF: 6.975; Q1
 - Peinado RP. Adherence to optimal ICD programming: an unresolved issue. *Rev Esp Cardiol*. 2021; 74(4): 286-9. Editorial Material. IF: 6.975; Q1
 - Pitt B, Filippatos G, Agarwal R, Anker SD, Bakris GL, Rossing P, Joseph A, Kolkhof P, Nowack C, Schloemer P, Ruilope LM, (López-Sendón JL). Cardiovascular events with finerenone in kidney disease and type 2 Diabetes. *New Engl J Med*. 2021; 385(24): 2252-63. Article. IF: 176.079; D1
 - Reynolds HR, Picard MH, Spertus JA, Peteiro J, Sendón JLL, Senior R, El-Hajjar MC, Celutkiene J, Shapiro MD, Pellikka PA, Kunichoff DF, Anthopoulos R, Alkafih K, Abdul-Nour K, Khouri M, Bershtein L, De Belder M, Poh KK, Beltrame JF, Min JMK, Fleg JL, Li Y, Maron DJ, Hochman JS. Natural history of patients with ischemia and no obstructive coronary artery disease The CIAO-ISCHEMIA Study. *Circulation*. 2021; 144(13): 1008-23. Article. IF: 39.918; D1
 - Roca RF, Salado JCS, Fernández MC, Acuna JMG, Serrano AL, de Sa EL, Ramírez JR. Management of temperature control in post-cardiac arrest care: an expert report. *Med Intensiva*. 2021; 45(3): 164-74. Article. IF: 2.799; Q3
 - Rodríguez-Leor O, Cid-Álvarez B, de Prado AP, Rossello X, Ojeda S, Serrador A, López-Palop R, Martín-Moreiras J, Rumoroso JR, Cequier A, Ibáñez B, Cruz-González I, Romaguera R, Moreno R. In-hospital outcomes of COVID-19 ST-elevation myocardial infarction patients. *Eurointervention*. 2021; 16(17): 1426-33. Article. IF: 7.728; Q1
 - Romaguera R, Ojeda S, Cruz-González I, Moreno R. Spanish cardiac catheterization and coronary intervention registry. 30th Official Report of the Interventional Cardiology Association of the Spanish Society of Cardiology (1990-2020) in the year of the COVID-19 pandemic. *Rev Esp Cardiol*. 2021; 74(12): 1096-106. Article. IF: 6.975; Q1
 - Rubio-Alarcón M, Camara-Checa A, Dago M, Crespo-García T, Nieto-Marín P, Marín M, Merino JL, Toquero J, Salguero-Bodes R, Tamargo J, Cebrián J, Delpón E, Caballero R. Invest. Zfx3 transcription factor represses the expression of SCN5A gene and decreases sodium current density (I-Na). *Int J Mol Sci*. 2021; 22(23): 13031. Article. IF: 6.208; Q1
 - RuiPérez-Campillo S, Castrejón S, Martínez M, Cervigón R, Meste O, Merino JL, Millet J, Castells F. Non-invasive characterisation of macroreentrant atrial tachycardia types from a vectorcardiographic approach with the slow conduction region as a cornerstone. *Comput Meth Prog Bio*. 2021; 200: 105932. Article. IF: 7.027; D1
 - Sabate M, Okkels-Jensen L, Tilsted HH, Moreno R, del Blanco BG, Macaya C, de Prado AP, Cequier A, Pérez-Fuentes P, Schutte D, Costa R, Stoll HP, Lassen JF. Thin- versus thick-strut polymer-free biolimus-eluting stents: the BioFreedom QCA randomised trial. *Eurointervention*. 2021; 17(3):2 33-9. Article. IF: 7.728; Q1
 - Salamanca J, García-Guimaraes M, Camacho-Freire SJ, Ojeda S, Veiga G, Jiménez-Valero S, Hernández-Antolin R, Trillo R, Velazquez M, Cortes C, Gutiérrez-Barrios A, Franco-Pelaez JA, Lezcana-Pertejo C, Díez-Delhoyo F, Gamarra A, Aguilar R, Díez-Villanueva P, Bastante T, Alfonso F. Spontaneous coronary artery dissection and Takotsubo syndrome: comparison of baseline clinical and angiographic characteristics and in-hospital outcomes. *Coronary Artery Dis*. 2021;32(6):509-516. Article. IF: 1,717; Q4
 - Salinas P, Gonzalo N, Moreno VH, Fuentes M, Santos-Martínez S, Fernández-Díaz JA, Amato Santos IJ, Ojeda FB, Borrego JC, Cuesta J, Hernández JMD, Diego-Nieto A, Dubois D, Galeote G, Goicolea J, Gutiérrez A, Jiménez-Fernández M, Jiménez-Mazuecos J, Jurado A, Lacunza J, Lee DH, López M, Lozano F, Martín-Moreiras J, Martín-Yuste V, Millán R, Minana G, Mohandes M, Morales-Ponce FJ, Nunez J, Ojeda S, Pan M, Rivero F, Robles J, Rodríguez-Leiras S, Rojas S, Rondán J, Rumiz E, Sabate M, Sanchis J, Vaquerizo B, Escaned J. Choice of CTO scores to predict procedural success in clinical practice. A comparison of 4 different CTO PCI scores in a comprehensive national registry including expert and learning CTO operators. *Plos One*. 2021; 16(4): e0245898. Article. IF: 3.752; Q2
 - Samuel M, Tardif JC, Khairy P, Roubille F, Waters DD, Gregoire JC, Pinto FJ, Maggioni AP, Díaz R, Berry C, Koenig W, Ostadal P, López-Sendón J, Gamra H, Kiwan GS, Dube MP, Provencher M, Orfanos A, Blondeau L, Kouz S, L'Allier PL, Ibrahim R, Bouabdallaoui N, Mitchell D, Guertin MC, Leloir J. Cost-effectiveness of low-dose colchicine after myocardial infarction in the Colchicine Cardiovascular Outcomes Trial (COLCOT). *Eur Heart J Qual Care Clin Outcomes*. 2021; 7(5): 486-95. Article. IF: 7.064; Q1
 - Tamargo J, López-Sendón J. Ranolazine: a better understanding of pathophysiology and patient profile to guide treatment of chronic stable angina. *Future Cardiol*. 2021; 18(3): 235-51 . Review. Not Indexed
 - Tardif JC, Bouabdallaoui N, L'Allier PL, Gaudet D, Shah BI, Pillingier MH, López-Sendón J, da Luz P, Verret L, Audet S, Dupuis J, Denault A, Pellerier M, Tessier PA, Samson S, Fortin D, Tardif JD, Busseuil D, Goulet E, Lacoste C, Dubois A, Joshi AY, Waters DD, Hsue P, Lepor NE, Lesage F, Sainuret N, Roy-Clavel E, Bassevitch Z, Orfanos A, Stamatescu G, Gregoire JC, Busque L, Lavallee C, Hetu PO, Paquette JS, Deftereos SG, Levesque S, Cossette M, Nozza A, Chabot-Blanchet M, Dube MP, Guertin MC, Boivin G. Colchicine for community-treated patients with COVID-19 (COLCORONA): a phase 3, randomised, double-blind, adaptive, placebo-controlled, multicentre trial. *Lancet Respir Med* . 2021; 9(8): 924-32. Article. IF: 102.642; D1
 - Testa L, Agnifili M, Van Mieghem NM, Tchetché D, Asgar AW, De Backer O, Latib A, Reimers B, Stefanini G, Trani C, Colombo A, Giannini F, Bartorelli A, Wojakowski W, Dabrowski M, Jagielak D, Banning AP, Kharbada R, Moreno R, Schofer J, van Royen N, Pinto D, Serra A, Segev A, Giordano A, Brambilla N, Rubbio AP, Casenghi M, Oreglia J, De Marco F, Tanja R, McCabe JM, Abizaid A, Voskuil M, Teles R, Zoccai GB, Bianchi G, Sondergaard L, Bodogni F. Transcatheter aortic valve replacement for degenerated transcatheter aortic valves The TRANSIT International Project. *Circ Cardiovasc Inte*. 2021; 14(6) :628-38. Article. IF: 7.514; Q1
 - Trejo-Velasco B, Tello-Montoliu A, Cruz-González I, Moreno R, Baz-Alonso JA, Salvadores PJ, Romaguera R, Molina-Navarro E, Paredes-Galán E, Fernández-Barbeira S, Ortiz-Saez A, Bastos-Fernández G, de Miguel-Castro A, Figueiras-Guzman A, Íñiguez-Romo A, Jiménez-Díaz VA. Impact of comorbidities and antiplatelet regimen on platelet reactivity levels in patients undergoing transcatheter aortic valve implantation. *J Cardiovasc Pharm*. 2021; 78(3): 463-73. Article. IF: 3.271; Q3
 - Vega JDS, Salinas GLA, Flórez JMV, Sole AA, de Sa EL, Ruiz RS, Palacios VB, Raposeiras-Roubin S, Varela SG, Sanchis J, Melchor LS, Martínez-Seara X, López LM, Gómez JLZ, Fernández MS. Temporal trends in postinfarction ventricular septal rupture: the CIVIAM Registry. *Rev Esp Cardiol*. 2021; 74(9): 757-64. Article. IF: 6.975; Q1
 - Vehmeijer JT, Koyak Z, Leerink JM, Zwiderman AH, Harris L, Peinado R, Oechslin EN, Robbers-Visser DE, Groenink M, Boekholdt SM, De Winter RJ, Oliver JM, Bouma BJ, Budts W, Van Gelder IC, Mulder BJM, de Groot JR. Identification of patients at risk of sudden cardiac death in congenital heart disease: The PRospectiVE study on implanTable cardiOverter defibrillator therapy and sudden cardiac death in Adults with Congenital Heart Disease (PREVENTION-ACHD). *Heart Rhythm*. 2021; 18(5): 785-92. Article. IF: 6.779; Q2
 - White HD, O'Brien SM, Alexander KP, Boden WE, Bangalore S, Li JH, Manjunath CN, López-Sendón JL, Peteiro J, Gosselin G, Berger JS, Maggioni AP, Reynolds HR, Hochman JS, Maron DJ. Comparison of days alive out of hospital with initial invasive vs conservative management a prespecified analysis of the ISCHEMIA Trial. *JAMA Cardiol*. 2021; 6(9): 1023-31. Article. IF: 30.154; D1

Research projects

Antorrena Miranda MI. International study of comparative health effectiveness with medical and invasive approaches -



estudio internacional comparativo de la eficacia sanitaria con enfoques médicos e invasivos. New York University School Of Medicine. 2013-Ongoing.

Managment centre: FIBHULP

Galeote García G. Aterectomia rotacional electiva vs de rescate en pacientes con lesiones coronarias calcificadas graves e insuficiencia renal crónica. Medtronic Ibérica S.A. 2020-Ongoing.

Managment centre: FIBHULP

Guzmán Martínez G. Inmunidad en sars-cov-2 y riesgo cardiovascular. Cohorte prospectiva. FIBHULP. 2020-Ongoing.

Managment centre: FIBHULP

Guzmán Martínez G. Marcadores precoces de disfunción ventricular derecha y alteraciones de la circulación pulmonar en pacientes afectos de hipertensión pulmonar. Siemens Healthcare S.L. 2018-Ongoing.

Managment centre: FIBHULP

Jiménez Valero S. Análisis de correlación entre los marcadores de inflamación y morfología de placas coronarias mediante tomografía de coherencia óptica y tec multicorte: estudio IVI. Abbott Laboratories S.A. 2009-Ongoing.

Managment centre: FIBHULP

Jiménez Valero S. Estudio en modelo porcino para evaluar la utilidad de la tomografía de coherencia óptica en el análisis de las lesiones endocárdicas producidas por radiofrecuencia. Medlumics S.L. 2015-Ongoing.

Managment centre: FIBHULP

López de Sá y Areses E. Investigación traslacional en arritmias cardíacas hereditarias (S2017/BMD-3738). CM. 2018-

2021.

Managment centre: FIBHULP

López-Sendón Henstchel JL. Biomarcadores en la cardiotoxicidad por agentes antineoplásicos: rendimiento diagnóstico. Boehringer Ingelheim España S.A. 2015-Ongoing.

Managment centre: FIBHULP

López-Sendón Henstchel JL. Colchicine cardiovascular outcome trial COLCOT. Montreal Heart Institute. 2017-Ongoing.

Managment centre: FIBHULP

López-Sendón Henstchel JL. Colchicine coronavirus sars-cov2 trial (COCORONA-Covid-19). Montreal Heart Institute. 2020-Ongoing.

Managment centre: FIBHULP

López-Sendón Henstchel JL, Borobia Pérez AM. A multicentre, adaptive, randomize controlled platform trial of the safety and efficacy of antithrombotic and additional strategies in hospitalized adult with COVID-19. National Institute of Health. 2020-Ongoing.

Managment centre: FIBHULP

Merino Llorens JL. Addressing multimorbidity in elderly atrial fibrillation patients through interdisciplinary, tailored, patient-centred care pathways (EHRA-PATHS). UE. 2020-2026.

Managment centre: FIBHULP

Merino Llorens JL. El vectorcardiograma como herramienta de caracterización no invasiva de la dinámica de activación y de la presencia y localización de zonas de conducción lenta en los circuitos de flitjer auricular atípico izquierdo mediante vectorcardiograma. Arrhythmia Network Technology S.L. 2018-Ongoing.

Managment centre: FIBHULP

Merino Llorens JL. Formación en investigación en electrofisiología cardíaca. European Society Of Cardiology. 2015-Ongoing.

Managment centre: FIBHULP

Merino Llorens JL. High radiofrequency power for faster and safer pulmonary veins ablation trial (Power FAST II) (P118/01522). ISCIII. 2019-2021.

Managment centre: FIBHULP

Merino Llorens JL. High radiofrequency power for faster and safe pulmonary veins ablation-a pilot observational study (Power Fast I). Arrhythmia Network Technology S.L. 2018-Ongoing.

Managment centre: FIBHULP

Merino Llorens JL. Hospital Smart development based on AI (HosmartAI). UE. 2020-2024.

Managment centre: FIBHULP

Merino Llorens JL. Registro retrospectivo de identificación de factores cardiovasculares de mal pronóstico en pacientes covid-19 (CARD-COVID). Medtronic Ibérica S.A. 2020-Ongoing.

Managment centre: FIBHULP

Moreno Gómez JR. Evaluación clínica y seguimiento de los pacientes con cardiopatía estructural sometidos a procedimientos de tratamiento percutáneo. Abbott Laboratories S.A. 2011-Ongoing.

Managment centre: FIBHULP

Peinado Peinado R. Comparación de un catéter multielectrodo frente a un catéter de ablación de punta irrigada para crear mapas de voltaje y activación en pacientes con taquicardias auriculares macroreentrantes. Medtronic Ibérica S.A.

2019-Ongoing.

Managment centre: FIBHULP

Peinado Peinado R. Influencia del remodelado eléctrico del miocardio auricular en la recurrencia de fibrilación auricular tras el aislamiento eléctrico de las venas pulmonares por fibrilación auricular paroxística. Abbott Medical España S.A. 2009-Ongoing.

Managment centre: FIBHULP

Peinado Peinado R. Papel de los receptores del sistema inmune innato en el desarrollo y evolución de la fibrilación auricular. Medtronic Ibérica S.A. 2021-Ongoing.

Managment centre: FIBHULP

Peinado Peinado R. PI-719 síndrome de apneas-hipopneas obstructivas del sueño y arritmias ventriculares en pacientes con disfunción ventricular sistólica portadores de DAI. Fundación Casa del Corazón. 2008-Ongoing.

Managment centre: FIBHULP

Peinado Peinado R. Registro de pacientes con cardiopatía congénita del adulto portadores de un sistema de terapia de resincronización cardíaca (RETRACCA). Abbott Medical España S.A. 2017-Ongoing.

Managment centre: FIBHULP

Peinado Peinado R. Utilidad de los algoritmos de diagnóstico diferencial electrocardiográfico de las taquicardias regulares de QRS ancho en pacientes con cardiopatías congénitas de adulto. Medtronic Ibérica S.A. 2019-Ongoing.

Managment centre: FIBHULP

Riera del Moral LF. Tratamiento celular de los aneurismas de aorta abdominal en



un modelo murino. Jotec Cardiovascular S.L. 2017-Ongoing.

Management centre: FIBHULP

■ Clinical trials

Antorrena Miranda, MI. Ensayo de fase III, aleatorizado y doble ciego para evaluar la eficacia y la seguridad de una dosis diaria de 10 mg de empagliflozina en comparación con placebo en pacientes con insuficiencia cardíaca crónica con fracción de eyección preservada (icc-fep).

Type: Clinical Trials, phase III.

HULP code: Appendix 2 4988.

Sponsored by: Boehringer Ingelheim International GmbH.

Signed date: 16/02/2021

Antorrena Miranda, MI. Ensayo en fase III, aleatorizado y doble ciego para evaluar la eficacia y la seguridad de una dosis diaria de 10 mg de empagliflozina en comparación con el placebo en pacientes con insuficiencia cardíaca crónica con fracción de eyección reducida (icc-fer).

Type: Clinical Trials, phase III.

HULP code: Appendix 2 5001.

Sponsored by: Boehringer Ingelheim International GmbH.

Signed date: 20/04/2021

Armada Romero, E. Perfil de ldl-c en pacientes con evento cardiovascular: un estudio multicéntrico retrospectivo en España. estudio heartbeat.

Type: Estudios, phase EPA-OD.

HULP code: PI-4500 DAI-LDL-2020-01.

Sponsored by: Daiichi Sankyo España.

Signed date: 15/01/2021

Armada Romero, E. Estudio en fase III, aleatorizado, doble ciego y controlado

con placebo para evaluar los efectos de dalcetapib sobre el riesgo cardiovascular (cv) en una población definida genéticamente con síndrome coronario agudo reciente (sca): el ensayo dal-gene.

Type: Clinical Trials, phase III.

HULP code: Appendix 2 4627.

Sponsored by: Dalcor Pharma Uk Ltd.

Signed date: 03/02/2021

Castro Conde, A. Comparación del efecto de tirzepatida frente al de dulaglutida sobre los acontecimientos cardiovasculares mayores en pacientes con diabetes de tipo 2 (surpass-cvot).

Type: Clinical Trials, phase I.

HULP code: Appendix 1 5484.

Sponsored by: Lilly, S.A.

Signed date: 11/03/2021

Escobar Cervantes, C. Estudio epidemiológico multinacional transversal de pacientes hipertensos con dislipemia y resultados proporcionados por el paciente.

Type: Estudios, phase EPA-OD.

HULP code: PI-4893B SNAPSHOT.

Sponsored by: Laboratorios Servier, S.L.

Signed date: 19/10/2021

Jiménez Valero, S. Ensayo clínico aleatorizado para evaluar el efecto de los betabloqueantes y los antiagregantes plaquetarios en pacientes con disección espontánea de la arteria coronaria.

Type: Clinical Trials, phase IV.

HULP code: 5960 BA-SCAD.

Sponsored by: Sociedad Española De Cardiología (Sec).

Signed date: 16/08/2021

López De Sá Areses, E. Ensayo multicéntrico, adaptativo, aleatorizado y controlado sobre la seguridad y eficacia de

las estrategias antitrombóticas en adultos hospitalizados con COVID-19.

Type: Clinical Trials, phase IV.

HULP code: 5694 ACTIV-4-ACUTE.

Sponsored by: Fundacion Para La Investigacion Biomedica Hospital Universitario La Paz.

Signed date: 15/01/2021

López De Sá Areses, E. Estudio en fase IIb, aleatorizado, doble ciego controlado con placebo, de grupos paralelos para evaluar la eficacia y la seguridad de medi6570 en participantes con infarto de miocardio previo, inflamación persistente y niveles elevados de prohormona n-terminal natriurético cerebral.

Type: Clinical Trials, phase II.

HULP code: Appendix 1 5637.

Sponsored by: Astrazeneca Ab.

Signed date: 16/03/2021

López De Sá Areses, E. Estudio para la validación clínica de un nuevo biomarcador para determinar la predisposición a infecciones en pacientes con infarto agudo de miocardio.

Type: Estudios No EPA.

HULP code: pi-4791 BIOMIN-001.

Sponsored by: Crazy Science & Business SL.

Signed date: 28/06/2021

López De Sá Areses, E. Estudio en fase IIb, aleatorizado, doble ciego controlado con placebo, de grupos paralelos para evaluar la eficacia y la seguridad de medi6570 en participantes con infarto de miocardio previo, inflamación persistente y niveles elevados de prohormona n-terminal natriurético cerebral.

Type: Clinical Trials, phase II.

HULP code: Appendix 2 5637.

Sponsored by: Astrazeneca Ab.

Signed date: 06/07/2021

López De Sá Areses, E. Estudio clínico-fundamental de fase 3, aleatorizado y controlado con placebo para evaluar la eficacia y la seguridad del estimulador de la gcsvericiguat/mk-1242 en adultos con insuficiencia cardíaca crónica con fracción de eyección reducida.

Type: Clinical Trials, phase III.

HULP code: 5969 MK1242-035.

Sponsored by: Merck Sharp And Dohme De España, S.A.

Signed date: 06/09/2021

López Fernández, T. Epiq-affiniti ultrasound system study for cardiology.

Type: Estudios No EPA.

HULP code: Appendix 1 PI-2996.

Sponsored by: Philips Ultrasound Inc.

Signed date: 23/04/2021

López Fernández, T. Registro de la profilaxis cardioembólica de los pacientes con cáncer en tratamiento oncoespecífico.

Type: Estudios, phase EPA-OD.

HULP code: PI-4806 PROCECAN 2021.

Sponsored by: Fundacion Seth.

Signed date: 07/10/2021

Moreno Gómez, JR. Observational study to evaluate the clinical outcome of high-risk patients undergoing percutaneous coronary intervention (pci) with everolimus-eluting stent implantation using intracoronary tools for pci guidance and optimization.

Type: Estudios No EPA.

HULP code: PI-4898 OPTI-XIENCE.

Sponsored by: Fundación Casa Del Corazón.

Signed date: 30/08/2021



Moreno Gómez, JR. Ensayo clínico controladoaleatorizado para comparar la seguridad y eficacia del stentliberador de sirolimus, ultradelgado con polímerobio-degradable (supraflextm cruz), y el stent liberador deeverolimus, con polímero biodegradable (synergym), en eltratamiento de la enfermedad de las arterias coronarias detres vasos. multivessel tal-ent.

Type: Estudio Producto Sanitario.

HULP code: 5928 NUIG-2020-002.

Sponsored by: National University Of Ireland, Galway.

Signed date: 15/09/2021

Moreno Gómez, JR. Estudio aleatoriza-do paralelo para evaluar la utilidad de la revisión angiográfica rutinaria 6 meses después del intervencionismo percutá-neo en el tronco común izquierdo. estu-dio angeline.

Type: Estudios No EPA.

HULP code: 5821 EPIC-23.

Sponsored by: Fundación Epic.

Signed date: 05/10/2021

Moreno Gómez, JR. Primera investi-gación clínica en humanos del catéter para angioplastia coronaria transluminal percutánea recubierto de everolimus de chansu vascular technologies: evaluación clínica en el tratamiento de sujetos con reestenosis intrastent de lesiones de arte-rias coronarias tratadas previamente.

Type: Estudio Producto Sanitario.

HULP code: 6029 TP1125.

Sponsored by: Chansu Vascular Techno-logies, LLC.

Signed date: 18/11/2021

Moreno Gómez, JR. Guía de ultrasonido intravascular para procedimientos com-plejos indicados como dealto riesgo (ivus chip).

Type: Estudios, phase EPA-OD.

HULP code: 5979 ECRI 14.

Sponsored by: European Cardiovascu-lar Research Institute (Ecri-14).

Signed date: 30/11/2021

Moreno Gómez, JR. Registro de dis-positivos médicos vasculares de abbott (abbott vascular medical deviceregistry av-mdr).

Type: Estudio Producto Sanitario.

HULP code: PI-5013 CRD-1008/ABT-CIP-10349.

Sponsored by: Sjm International Inc.

Signed date: 01/12/2021

Moreno Gómez, JR. Fractional flow re-serve or 3d-quantitative-coronaryangio-graphy based vessel-ffr guided revascula-rization: fast III trial.

Type: Estudio Producto Sanitario.

HULP code: 6036 ECRI-15.

Sponsored by: European Cardiovascu-lar Research Institute (Ecri-15).

Signed date: 14/12/2021".

■ Patents and trademarks

Filgueiras Rama D, López de Sá y Are-ses E, Millet Roig J, Calvo Saiz CJ, in-ventors; Centro Nacional de Investiga-ciones Cardiovasculares Carlos III (CNIC), FIBHULP, Universidad Politécnica de Va-lencia, assignees. Method of predicting or prognosticating neurological perfor-mance in patients who have suffered a cardiac arrest and optionally comatose status due to ventricular fibrillation. PCT/EP2015/076893, EP3020333; 2014 Nov-ember 17.

Riera del Moral LF, inventor; FIBHULP, assignee. Aortic endoprosthesis for the treatment of aneurysm. P201231638, PCT/ES2013/070712; 2012 October 24.

Castro Conde A, author; FIBHULP, as-signee. Trademark name: RECAR Pro-grama de Rehabilitación Cardiaca; CM 18457042; 2021 April 20.

