

Barba P, Martino R, Perez-Simón JA, Fernández-Avilés F, Piñana JL, Valcárcel D, Campos-Varela I, Lopez-Anglada L, Rovira M, Novelli S, Lopez-Corral L, Carreras E, Sierra J. **Incidence, characteristics and risk factors of marked hyperbilirubinemia after allogeneic hematopoietic cell transplantation with reduced-intensity conditioning**. Bone Marrow Transplant. 2012 Mar 5. doi: 10.1038/bmt.2012.25. [Epub ahead of print] PubMed PMID: 22388280.

Jiménez-Navarro MF, Bueno H, Alvarez-Sala L, Rodríguez-Losada N, Andrés V, González-Navarro H. **Insulin receptor substrate-1 expression is increased in circulating leukocytes of patients with acute coronary syndrome**. ISRN Cardiol. 2011;2011:740585. Epub 2011 Jun 16. PubMed PMID: 22347652; PubMed Central PMCID: PMC3262509.

Cea Soriano L, Bueno H, Johansson S, García Rodríguez LA. **Predictors and time trends in clopidogrel and proton pump inhibitor coprescription with low-dose acetylsalicylic acid**. Pharmacoepidemiol Drug Saf. 2012 Feb 1. doi: 10.1002/pds.3195. [Epub ahead of print] PubMed PMID: 22298501.

Houtgraaf JH, den Dekker WK, van Dalen BM, Springeling T, de Jong R, van Geuns RJ, Geleijnse ML, Fernandez-Aviles F, Zijlstra F, Serruys PW, Duckers HJ. **First experience in humans using adipose tissue-derived regenerative cells in the treatment of patients with ST-segment elevation myocardial infarction**. J Am Coll Cardiol. 2012 Jan 31;59(5):539-40. PubMed PMID: 22281257.

Díaz-Castro O, López-Palop R, Datino T, Martínez-Sellés M. **[Update on geriatric cardiology]**. Rev Esp Cardiol. 2012 Jan;65 Suppl 1:91-9. Spanish. PubMed PMID: 22269845.

Martín-Antonio B, Alvarez-Laderas I, Cardesa R, Márquez-Malaver F, Baez A, Carmona M, Falantes J, Suarez-Lledo M, Fernández-Avilés F, Martínez C, Rovira M, Espigado I, Urbano-Ispizua A. **A constitutional variant in the transcription factor EP300 strongly influences the clinical outcome of patients submitted to allo-SCT**. Bone Marrow Transplant. 2012 Jan 9. doi: 10.1038/bmt.2011.253. [Epub ahead of print] PubMed PMID: 22231458.

Sanchez PL, Fernandez-Aviles F. **Catheterization laboratories open 24 hours a day, every day: does stable non-ST-elevation acute coronary syndrome need the offer?** Eur Heart J. 2011 Dec 23. [Epub ahead of print] PubMed PMID: 22199123.

Sanz-Ruiz R, Fernández-Avilés F. **[Stimulating factors for cardiac repair: when the ischemic myocardium asks for help.]** Med Clin (Barc). 2011 Dec 23. [Epub ahead of print] Spanish. PubMed PMID: 22197361.

González-Torrecilla E, Arenal A, Sosa V, Fernández-Avilés F. **Exercise-induced vasospasm and the J-wave syndrome**. Heart Rhythm. 2011 Dec 17. [Epub ahead of print] PubMed PMID: 22182493.

Bueno H, Fernández-Avilés F. **Use of risk scores in acute coronary syndromes**. Heart. 2012 Jan;98(2):162-8. PubMed PMID: 22156037.

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

Almendral J, Atienza F, Everss E, Castilla L, Gonzalez-Torrecilla E, Ormaetxe J, Arenal A, Ortiz M, Sanromán-Junquera M, Mora-Jiménez I, Bellon JM, Rojo JL. **Implantable Defibrillator Electrograms and Origin of Left Ventricular Impulses: An Analysis of Regionalization Ability and Visual Spatial Resolution.** J Cardiovasc Electrophysiol. 2011 Dec 8. doi: 10.1111/j.1540-8167.2011.02233.x. [Epub ahead of print] PubMed PMID: 22151407.

Anguita M, Worner F, Domenech P, Marín F, Ortigosa J, Pérez-Villacastín J, Fernández-Ortiz A, Alonso A, Cequier A, Comín J, Heras M, Pan M, Alzueta J, Arenal A, Barón G, Borrás X, Bover R, de la Figuera M, Escobar C, Fiol M, Herreros B, Merino JL, Mont L, Murga N, Pedrote A, Quesada A, Ripoll T, Rodríguez J, Ruiz M, Ruiz R. **New evidence, new controversies: a critical review of the European Society of Cardiology 2010 clinical practice guidelines on atrial fibrillation.** Rev Esp Cardiol. 2012 Jan;65(1):7-13. Epub 2011 Nov 17. English, Spanish. PubMed PMID: 22099429.

Cordero A, Bertomeu-González V, Mazón P, Moreno-Arribas J, Fácila L, Bueno H, González-Juanatey JR, Bertomeu-Martínez V. **Differential effect of β -blockers for heart rate control in coronary artery disease.** Clin Cardiol. 2011 Dec;34(12):748-54. doi: 10.1002/clc.20981. Epub 2011 Nov 14. PubMed PMID: 22083944.

Flather MD, Babalis D, Booth J, Bardaji A, Machecourt J, Opolski G, Ottani F, Bueno H, Banya W, Brady AR, Bojestig M, Lindahl B. **Cluster-randomized trial to evaluate the effects of a quality improvement program on management of non-ST-elevation acute coronary syndromes: The European Quality Improvement Programme for Acute Coronary Syndromes (EQUIP-ACS).** Am Heart J. 2011 Oct;162(4):700-707.e1. PubMed PMID: 21982663.

Hernández-Hernández JM, Datino T, Arenal A, Núñez-García A, Fernández-Avilés F. **Ventricular Fibrillation, an Emergency in Electrophysiology.** Rev Esp Cardiol. 2011 Sep 30. [Epub ahead of print] English, Spanish. PubMed PMID: 21962767.

Hamm CW, Bassand JP, Agewall S, Bax J, Boersma E, Bueno H, Caso P, Dudek D, Gielen S, Huber K, Ohman M, Petrie MC, Sonntag F, Uva MS, Storey RF, Wijns W, Zahger D; ESC Committee for Practice Guidelines, Bax JJ, Auricchio A, Baumgartner H, Ceconi C, Dean V, Deaton C, Fagard R, Funck-Brentano C, Hasdai D, Hoes A, Knuuti J, Kolh P, McDonagh T, Moulin C, Poldermans D, Popescu BA, Reiner Z, Sechtem U, Sirnes PA, Torbicki A, Vahanian A, Windecker S; Document Reviewers, Windecker S, Achenbach S, Badimon L, Bertrand M, Bøtker HE, Collet JP, Crea F, Danchin N, Falk E, Goudevenos J, Gulba D, Hambrecht R, Herrmann J, Kastrati A, Kjeldsen K, Kristensen SD, Lancellotti P, Mehilli J, Merkely B, Montalescot G, Neumann FJ, Neyses L, Perk J, Roffi M, Romeo F, Ruda M, Swahn E, Valgimigli M, Vrints CJ, Widimsky P. **ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation: The Task Force for the management of acute coronary syndromes (ACS) in patients presenting without persistent ST-segment elevation of the European Society of Cardiology (ESC).** Eur Heart J. 2011 Dec;32(23):2999-3054. doi: 10.1093/eurheartj/ehr236. Epub 2011 Aug 26. PubMed PMID: 21873419.

Besses C, Martínez-Sellés M. **Anagrelide and cardiovascular events. Much ado about nothing?** Leuk Res. 2011 Dec;35(12):1543-4. PubMed PMID: 21855996.

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón
Servicio Madrileño de Salud

Sánchez E, Vidán MT, Serra JA, Fernández-Avilés F, Bueno H. **Prevalence of geriatric syndromes and impact on clinical and functional outcomes in older patients with acute cardiac diseases**. Heart. 2011 Oct;97(19):1602-6. Epub 2011 Jul 27. PubMed PMID: 21795299.

Martínez C, Rosales M, Calvo X, Cuatrecasas M, Rodríguez-Carunchio L, Llach J, Fernández-Avilés F, Rosiñol L, Rovira M, Carreras E, Urbano-Ispizua A. **Serial intestinal endoscopic examinations of patients with persistent diarrhea after allo-SCT**. Bone Marrow Transplant. 2011 Jul 11. doi: 10.1038/bmt.2011.143. [Epub ahead of print] PubMed PMID: 21743500.

Carreras E, Díaz-Beyá M, Rosiñol L, Martínez C, Fernández-Avilés F, Rovira M. **The incidence of veno-occlusive disease following allogeneic hematopoietic stem cell transplantation has diminished and the outcome improved over the last decade**. Biol Blood Marrow Transplant. 2011 Nov;17(11):1713-20. Epub 2011 Jun 25. PubMed PMID: 21708110.

Datino T, Macle L, Chartier D, Comtois P, Khairy P, Guerra PG, Fernandez-Aviles F, Nattel S. **Differential effectiveness of pharmacological strategies to reveal dormant pulmonary vein conduction: a clinical-experimental correlation**. Heart Rhythm. 2011 Sep;8(9):1426-33. Epub 2011 Apr 12. PubMed PMID: 21699824.

Barba P, Piñana JL, Fernández-Avilés F, Perez-Simón JA, Martino R, López-Guerrero E, Valcárcel D, Rovira M, Novelli S, Campos-Varela I, López-Anglada L, Vidal X, López Corral L, Carreras E, Sierra J. **Pretransplantation liver function impacts on the outcome of allogeneic hematopoietic stem cell transplantation: a study of 455 patients**. Biol Blood Marrow Transplant. 2011 Nov;17(11):1653-61. Epub 2011 Apr 27. PubMed PMID: 21586334.

Nus M, MacGrogan D, Martínez-Poveda B, Benito Y, Casanova JC, Fernández-Avilés F, Bermejo J, de la Pompa JL. **Diet-induced aortic valve disease in mice haploinsufficient for the Notch pathway effector RBPJK/CSL**. Arterioscler Thromb Vasc Biol. 2011 Jul;31(7):1580-8. Epub 2011 Apr 14. PubMed PMID: 21493891.

Cervera C, Fernández-Avilés F, de la Calle-Martin O, Bosch X, Rovira M, Plana M, Moreno A, García F, Miró JM, Martínez A, Gallart T, Carreras E, Blade J, Gatell JM. **Non-myeloablative hematopoietic stem cell transplantation in the treatment of severe idiopathic CD4+ lymphocytopenia**. Eur J Haematol. 2011 Jul;87(1):87-91. doi: 10.1111/j.1600-0609.2011.01619.x. Epub 2011 May 25. PubMed PMID: 21447008.

Revilla A, López J, Arnold R, Sánchez PL, Villa A, Pinedo M, Fernández-Avilés F, San Román JA. **Long-term changes in left ventricular function following intracoronary stem cell transplantation for acute myocardial infarction**. Rev Esp Cardiol. 2011 Apr;64(4):334-7. Epub 2011 Mar 15. Spanish. PubMed PMID: 21411206.

González-Torrecilla E, Almendral J, García-Fernández FJ, Arias MA, Arenal A, Atienza F, Datino T, Atea LF, Calvo D, Pachón M, Fernández-Avilés F. **Differences in ventriculoatrial intervals during entrainment and tachycardia: a simpler**

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

method for distinguishing paroxysmal supraventricular tachycardia with long ventriculoatrial intervals. J Cardiovasc Electrophysiol. 2011 Aug;22(8):915-21. doi: 10.1111/j.1540-8167.2011.02020.x. Epub 2011 Mar 8. PubMed PMID: 21385264.

Atienza F, Calvo D, Almendral J, Zlochiver S, Grzeda KR, Martínez-Alzamora N, González-Torrecilla E, Arenal A, Fernández-Avilés F, Berenfeld O. **Mechanisms of fractionated electrograms formation in the posterior left atrium during paroxysmal atrial fibrillation in humans.** J Am Coll Cardiol. 2011 Mar 1;57(9):1081-92. PubMed PMID: 21349400; PubMed Central PMCID: PMC3124959.

García Rodríguez LA, González-Pérez A, Bueno H, Hwa J. **NSAID use selectively increases the risk of non-fatal myocardial infarction: a systematic review of randomised trials and observational studies.** PLoS One. 2011 Feb 8;6(2):e16780. PubMed PMID: 21347435; PubMed Central PMCID: PMC3035655.

González-Torrecilla E, Arenal A, Atienza F, Datino T, Atea LF, Calvo D, Pachón M, Miracle A, Fernández-Avilés F. **EGC diagnosis of paroxysmal supraventricular tachycardias in patients without preexcitation.** Ann Noninvasive Electrocardiol. 2011 Jan;16(1):85-95. doi: 10.1111/j.1542-474X.2010.00399.x. Review. PubMed PMID: 21251139.

Yotti R, Bermejo J, Benito Y, Antoranz JC, Desco MM, Rodríguez-Pérez D, Cortina C, Mombiela T, Barrio A, Elízaga J, Fernández-Avilés F. **Noninvasive estimation of the rate of relaxation by the analysis of intraventricular pressure gradients.** Circ Cardiovasc Imaging. 2011 Mar;4(2):94-104. Epub 2011 Jan 18. PubMed PMID: 21245360.

Perez-David E, Arenal A, Rubio-Guivernau JL, del Castillo R, Atea L, Arbelo E, Caballero E, Celorrio V, Datino T, Gonzalez-Torrecilla E, Atienza F, Ledesma-Carbayo MJ, Bermejo J, Medina A, Fernández-Avilés F. **Noninvasive identification of ventricular tachycardia-related conducting channels using contrast-enhanced magnetic resonance imaging in patients with chronic myocardial infarction: comparison of signal intensity scar mapping and endocardial voltage mapping.** J Am Coll Cardiol. 2011 Jan 11;57(2):184-94. PubMed PMID: 21211689.

Sánchez PL, Fernández-Avilés F. **Routine early coronary angioplasty after thrombolysis in acute ST-elevation myocardial infarction: lysis is not the final step.** Eur Heart J. 2011 Apr;32(8):927-30. Epub 2010 Dec 22. PubMed PMID: 21183499.

Gutiérrez E, Sanz-Ruiz R, Alvarez EV, Villa A, Fernández L, Vázquez S, Lorenzo J, Fernández-Santos E, Sánchez PL, Fernández-Avilés F. **General overview of the Seventh International Symposium on Stem Cell Therapy and Cardiovascular Innovations.** J Cardiovasc Transl Res. 2011 Apr;4(2):115-20. Epub 2010 Dec 4. PubMed PMID: 21132470.

Abu-Assi E, Ferreira-González I, Ribera A, Marsal JR, Cascant P, Heras M, Bueno H, Sánchez PL, Arós F, Marrugat J, García-Dorado D, Peña-Gil C, González-Juanatey JR, Permanyer-Miralda G. **"Do GRACE (Global Registry of Acute Coronary events) risk scores still maintain their performance for predicting mortality in the era of contemporary management of acute coronary syndromes?"**. Am Heart J. 2010 Nov;160(5):826-834.e1-3. PubMed PMID: 21095268.

Uribarri A, Martínez-Sellés M, Yotti R, Pérez-David E, Fernández-Avilés F.
Acute myocarditis after urinary tract infection by Escherichia coli. Int J
Cardiol. 2011 Oct 20;152(2):e33-4. Epub 2010 Nov 20. PubMed PMID: 21094538.

Lichtman JH, Lorenze NP, D'Onofrio G, Spertus JA, Lindau ST, Morgan TM, Herrin J, Bueno H,
Mattera JA, Ridker PM, Krumholz HM. **Variation in recovery:
Role of gender on outcomes of young AML patients (VIRGO) study design.** Circ
Cardiovasc Qual Outcomes. 2010 Nov;3(6):684-93. PubMed PMID: 21081748; PubMed
Central PMCID: PMC3064946.

Sanz-Ruiz R, Gutiérrez Ibañes E, Arranz AV, Fernández Santos ME, Fernández
PL, Fernández-Avilés F. **Phases I-III Clinical Trials Using Adult Stem Cells.** Stem
Cells Int. 2010 Nov 4;2010:579142. PubMed PMID: 21076533; PubMed Central PMCID:
PMC2975079.

Martínez-Sellés M. **[Severe aortic stenosis in the elderly: bad prognosis
means that surgery is necessary?]**. Rev Esp Geriatr Gerontol. 2010
Nov-Dec;45(6):314-5. Epub 2010 Nov 13. Spanish. PubMed PMID: 21075481.

Bueno H, Armstrong PW, Buxton MJ, Danchin N, Lubsen J, Roland E, Verheugt FW, Zalewski
A, Jackson N, Komajda M, Steg PG; **Cardiovascular Round Table Clinical
Trials ThinkTank participants. The future of clinical trials in secondary
prevention after acute coronary syndromes.** Eur Heart J. 2011 Jul;32(13):1583-9.
Epub 2010 Oct 29. PubMed PMID: 21037255.

Bueno H, Betriu A, Heras M, Alonso JJ, Cequier A, García EJ, López-Sendón JL, Macaya C,
Hernández-Antolín R; **TRIANA Investigators. Primary angioplasty vs.
fibrinolysis in very old patients with acute myocardial infarction: TRIANA
(TRatamiento del Infarto Agudo de miocardio eN Ancianos) randomized trial and
pooled analysis with previous studies.** Eur Heart J. 2011 Jan;32(1):51-60. Epub
2010 Oct 22. PubMed PMID: 20971744; PubMed Central PMCID: PMC3013200.

Sánchez PL, Gimeno F, Ancillo P, Sanz JJ, Alonso-Briales JH, Bosa F, Santos
I, Sanchis J, Bethencourt A, López-Messa J, de Prado AP, Alonso JJ, San Román JA,
Fernández-Avilés F. **Role of the paclitaxel-eluting stent and tirofiban in
patients with ST-elevation myocardial infarction undergoing postfibrinolysis
angioplasty: the GRACIA-3 randomized clinical trial.** Circ Cardiovasc Interv. 2010
Aug;3(4):297-307. PubMed PMID: 20716757.

Sánchez PL, Sanz-Ruiz R, Fernández-Santos ME, Villa A, Gutiérrez E, Fernández
L, Vázquez S, Lorenzo MJ, Fernández-Avilés F. **Stem cell therapy in chronic
ischemic heart dysfunction with and without viability.** Cardiovasc Hematol Disord Drug
Targets. 2010 Sep 1;10(3):167-72. Review. PubMed PMID: 20678064.

Annemans L, Wittrup-Jensen K, Bueno H. **A review of international
pharmacoeconomic models assessing the use of aspirin in primary prevention.** J Med
Econ. 2010;13(3):418-27. Review. PubMed PMID: 20632895.

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

Borgia F, Goodman SG, Halvorsen S, Cantor WJ, Piscione F, Le May MR, Fernández-Avilés F, Sánchez PL, Dimopoulos K, Scheller B, Armstrong PW, Di Mario C. **Early routine percutaneous coronary intervention after fibrinolysis vs. standard therapy in ST-segment elevation myocardial infarction: a meta-analysis.** Eur Heart J. 2010 Sep;31(17):2156-69. Epub 2010 Jul 2. Review. PubMed PMID: 20601393.

Arnold R, Villa A, Gutiérrez H, Sánchez PL, Gimeno F, Fernández ME, Gutiérrez O, Mota P, Sánchez A, García-Frade J, Fernández-Avilés F, San Román JA; **TECAM (TERapia Celular Aplicada al Miocardio) research group. Absence of accelerated atherosclerotic disease progression after intracoronary infusion of bone marrow derived mononuclear cells in patients with acute myocardial infarction--angiographic and intravascular ultrasound--results from the TERapia Celular Aplicada al Miocardio Pilot study.** Am Heart J. 2010 Jun;159(6):1154.e1-8. PubMed PMID: 20569733.

García D, Del Alamo JC, Tanne D, Yotti R, Cortina C, Bertrand E, Antoranz JC, Perez-David E, Rieu R, Fernandez-Aviles F, Bermejo J. **Two-dimensional intraventricular flow mapping by digital processing conventional color-Doppler echocardiography images.** IEEE Trans Med Imaging. 2010 Oct;29(10):1701-13. Epub 2010 Jun 17. PubMed PMID: 20562044.

Vázquez-Alvarez ME, Sanz-Ruiz R, Gutiérrez E, Villa A, Fernández ME, Vázquez S, José Lorenzo M, Fernández L, Pascual I, Sánchez PL, Fernández-Avilés F. **General overview of the Sixth International Symposium on Stem Cell Therapy and Cardiovascular Innovations.** J Cardiovasc Transl Res. 2010 Feb;3(1):1-7. Epub 2009 Dec 10. PubMed PMID: 20560031.

Bueno H, Ross JS, Wang Y, Chen J, Vidán MT, Normand SL, Curtis JP, Drye EE, Lichtman JH, Keenan PS, Kosiborod M, Krumholz HM. **Trends in length of stay and short-term outcomes among Medicare patients hospitalized for heart failure, 1993-2006.** JAMA. 2010 Jun 2;303(21):2141-7. PubMed PMID: 20516414; PubMed Central PMCID: PMC3020983.

Caballero R, de la Fuente MG, Gómez R, Barana A, Amorós I, Dolz-Gaitón P, Osuna L, Almendral J, Atienza F, Fernández-Avilés F, Pita A, Rodríguez-Roda J, Pinto A, Tamargo J, Delpón E. **In humans, chronic atrial fibrillation decreases the transient outward current and ultrarapid component of the delayed rectifier current differentially on each atria and increases the slow component of the delayed rectifier current in both.** J Am Coll Cardiol. 2010 May 25;55(21):2346-54. PubMed PMID: 20488306.

Nasir K, Lin Z, Bueno H, Normand SL, Drye EE, Keenan PS, Krumholz HM. **Is same-hospital readmission rate a good surrogate for all-hospital readmission rate?** Med Care. 2010 May;48(5):477-81. PubMed PMID: 20393366.

Bueno H, Bardají A, Patrignani P, Martín-Merino E, García-Rodríguez LA; **Spanish Case-Control Study to Assess NSAID-Associated ACS Risk Investigators. Use of non-steroidal antiinflammatory drugs and type-specific risk of acute coronary syndrome.** Am J Cardiol. 2010 Apr 15;105(8):1102-6. Epub 2010 Feb 20. PubMed PMID: 20381660.

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

Martínez-Sellés M, Datino T, Díaz-Castro O, López-Palop R. **[Update on geriatric cardiology]**. Rev Esp Cardiol. 2010 Jan;63 Suppl 1:17-28. Review. Spanish. PubMed PMID: 20223176.

Ross JS, Normand SL, Wang Y, Ko DT, Chen J, Drye EE, Keenan PS, Lichtman JH, Bueno H, Schreiner GC, Krumholz HM. **Hospital volume and 30-day mortality for three common medical conditions**. N Engl J Med. 2010 Mar 25;362(12):1110-8. PubMed PMID: 20335587; PubMed Central PMCID: PMC2880468.

Dib N, Menasche P, Bartunek JJ, Zeiher AM, Terzic A, Chronos NA, Henry TD, Peters NS, Fernández-Avilés F, Yacoub M, Sanborn TA, Demaria A, Schatz RA, Taylor DA, Fuchs S, Itescu S, Miller LW, Dinsmore JH, Dangas GD, Popma JJ, Hall JL, Holmes DR Jr; **International Society for Cardiovascular Translational Research. Recommendations for successful training on methods of delivery of biologics for cardiac regeneration: a report of the International Society for Cardiovascular Translational Research**. JACC Cardiovasc Interv. 2010 Mar;3(3):265-75. PubMed PMID: 20298983.

Viana-Tejedor A, Espinosa MÁ, Cuesta J, Núñez A, Bueno H, Fernández-Avilés F. **Kounis syndrome secondary to amoxicillin use in an asthmatic patient**. Int J Cardiol. 2011 Aug 4;150(3):e113-5. Epub 2010 Mar 12. PubMed PMID: 20223532.

Martínez-Sellés M, Datino T, Estévez A, Fernández Avilés F. **Chest pain with an elevated troponin level but without significant coronary artery disease is not usually due to an infarction**. Rev Esp Cardiol. 2010 Mar;63(3):371-2; author reply 372-3. English, Spanish. PubMed PMID: 20197005.

Palomo M, Diaz-Ricart M, Carbo C, Rovira M, Fernandez-Aviles F, Martine C, Ghita G, Escolar G, Carreras E. **Endothelial dysfunction after hematopoietic stem cell transplantation: role of the conditioning regimen and the type of transplantation**. Biol Blood Marrow Transplant. 2010 Jul;16(7):985-93. Epub 2010 Feb 16. PubMed PMID: 20167280.

Datino T, Macle L, Qi XY, Maguy A, Comtois P, Chartier D, Guerra PG, Arenal A, Fernández-Avilés F, Nattel S. **Mechanisms by which adenosine restores conduction in dormant canine pulmonary veins**. Circulation. 2010 Mar 2;121(8):963-72. Epub 2010 Feb 16. PubMed PMID: 20159830.

Martínez-Sellés M, Datino T, Alhama M, Barrueco N, Castillo I, Fernández-Avilés F. **Rapid carvedilol up-titration in hospitalized patients with left ventricular systolic dysfunction--data from the Carvedilol in Hospital: Up-titration Limits after Acute Patients Admission registry**. J Cardiovasc Med (Hagerstown). 2010 May;11(5):352-8. PubMed PMID: 20154635.

Piñana JL, Valcárcel D, Fernández-Avilés F, Martino R, Rovira M, Barba P, Martínez C, Brunet S, Sureda A, Carreras E, Sierra J. **MTX or mycophenolate mofetil with CsA as GVHD prophylaxis after reduced-intensity conditioning PBSCT from HLA-identical siblings**. Bone Marrow Transplant. 2010 Sep;45(9):1449-56. Epub 2010 Feb 8. PubMed PMID: 20140024.

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

Martínez-Sellés M, Gallego L, Ruiz J, Fernández Avilés F. **Do-not-resuscitate orders and palliative care in patients who die in cardiology departments. What can be improved?** Rev Esp Cardiol. 2010 Feb;63(2):233-7. English, Spanish. PubMed PMID: 20109422.

Martínez-Sellés M, Datino T, Pello AM, Fernández-Avilés F. **Spasm provocative test in troponin-positive patients with acute chest pain and no significant coronary artery disease.** Eur Heart J. 2010 Mar;31(5):623; author reply 623-4. Epub 2010 Jan 22. PubMed PMID: 20097918.

Gitt AK, Bueno H, Danchin N, Fox K, Hochadel M, Kearney P, Maggioni AP, Opolski G, Seabra-Gomes R, Weidinger F. **The role of cardiac registries in evidence-based medicine.** Eur Heart J. 2010 Mar;31(5):525-9. Epub 2010 Jan 20. PubMed PMID: 20093258.

Vidán MT, Bueno H, Wang Y, Schreiner G, Ross JS, Chen J, Krumholz HM. **The relationship between systolic blood pressure on admission and mortality in older patients with heart failure.** Eur J Heart Fail. 2010 Feb;12(2):148-55. PubMed PMID: 20083624; PubMed Central PMCID: PMC2807767.

Flather MD, Booth J, Babalis D, Bueno H, Steg PG, Opolski G, Ottani F, Machecourt J, Bardaji A, Bojestig M, Brady AR, Lindahl B. **Improving the management of non-ST elevation acute coronary syndromes: systematic evaluation of a quality improvement programme European Quality Improvement Programme for Acute Coronary Syndrome: the EQUIP-ACS project protocol and design.** Trials. 2010 Jan 14;11:5. PubMed PMID: 20074348; PubMed Central PMCID: PMC2823736.

Carreras E, Fernández-Avilés F, Silva L, Guerrero M, Fernández de Larrea C, Martínez C, Rosiñol L, Lozano M, Marín P, Rovira M. **Engraftment syndrome after auto-SCT: analysis of diagnostic criteria and risk factors in a large series from a single center.** Bone Marrow Transplant. 2010 Sep;45(9):1417-22. Epub 2010 Jan 11. PubMed PMID: 20062097.

Sánchez PL, Sanz-Ruiz R, Fernández-Santos ME, Fernández-Avilés F. **Cultured and freshly isolated adipose tissue-derived cells: fat years for cardiac stem cell therapy.** Eur Heart J. 2010 Feb;31(4):394-7. Epub 2009 Dec 25. PubMed PMID: 20037147.

Ferreira-González I, Marsal JR, Mitjavila F, Parada A, Ribera A, Cascant P, Soriano N, Sánchez PL, Arós F, Heras M, Bueno H, Marrugat J, Cuñat J, Civeira E, Permanyer-Miralda G. **Patient registries of acute coronary syndrome: assessing or biasing the clinical real world data?** Circ Cardiovasc Qual Outcomes. 2009 Nov;2(6):540-7. Epub 2009 Sep 22. PubMed PMID: 20031891.

Ross JS, Chen J, Lin Z, Bueno H, Curtis JP, Keenan PS, Normand SL, Schreiner G, Spertus JA, Vidán MT, Wang Y, Wang Y, Krumholz HM. **Recent national trends in readmission rates after heart failure hospitalization.** Circ Heart Fail. 2010 Jan;3(1):97-103. Epub 2009 Nov 10. PubMed PMID: 19903931; PubMed Central PMCID: PMC2830811.

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

Fernández de Larrea C, Martínez C, Gaya A, López-Guillermo A, Rovira M, Fernández-Avilés F, Lozano M, Bosch F, Esteve J, Nomdedeu B, Montserrat E, Carreras E. **Salvage chemotherapy with alternating MINE-ESHAP regimen in relapsed or refractory Hodgkin's lymphoma followed by autologous stem-cell transplantation.** Ann Oncol. 2010 Jun;21(6):1211-6. Epub 2009 Nov 4. PubMed PMID: 19889622.

Atienza F, Almendral J, Sánchez-Quintana D, Zaballos M, Murillo M, Jimeno C, Parra V, Fernández-Avilés F. **Cryoablation time-dependent dose-response effect at minimal temperatures (-80 degrees C): an experimental study.** Europace. 2009 Nov;11(11):1538-45. Epub 2009 Oct 20. PubMed PMID: 19846431; PubMed Central PMCID: PMC2770697.

Martínez-Sellés M. [Betablockers in heart failure. **If they are so good, why aren't they being used?**]. Med Clin (Barc). 2010 Feb 13;134(4):156-7. Epub 2009 Oct 12. Spanish. PubMed PMID: 19819497.

Lenderink T, Hernández AV, Boersma E, Martínez-Sellés M, Juárez M, Sánchez PL, Vidán MT, Simoons ML, Fernández-Avilés F, Bueno H. **Prediction of 30-day mortality in older patients with a first acute myocardial infarction.** Cardiology. 2010;115(1):1-9. Epub 2009 Oct 7. PubMed PMID: 19816019.

Martínez-Sellés M, Martínez E, Cortés M, Prieto R, Gallego L, Fernández-Avilés F. **Determinants of long-term survival in patients hospitalized for heart failure.** J Cardiovasc Med (Hagerstown). 2010 Mar;11(3):164-9. PubMed PMID: 19809351.

Ferreira-González I, Permanyer Miralda G, Heras M, Ribera A, Marsal JR, Cascant P, Arós F, Bueno H, Sánchez PL, Cuñat J, Civeira E, Marrugat J; Investigadores del Estudio MASCARA. **Prognosis and management of patients with acute coronary syndrome and polyvascular disease.** Rev Esp Cardiol. 2009 Sep;62(9):1012-21. English, Spanish. PubMed PMID: 19712622.

Bertomeu V, Cordero A, Quiles J, Mazón P, Aznar J, Bueno H. **Control of risk factors in and treatment of patients with coronary heart disease: the TRECE study.** Rev Esp Cardiol. 2009 Jul;62(7):807-11. English, Spanish. PubMed PMID: 19709516.

Castrejón S, Cortés M, Salto ML, Benítez LC, Rubio R, Juárez M, López de Sá E, Bueno H, Sánchez PL, Fernández Avilés F. Improved prognosis after using mild hypothermia to treat cardiorespiratory arrest due to a cardiac cause: comparison with a control group. Rev Esp Cardiol. 2009 Jul;62(7):733-41. English, Spanish. PubMed PMID: 19709508.

Cordero A, Bertomeu-Martínez V, Mazón P, Quiles J, Aznar J, Bueno H. **Differences in medical treatment of chronic coronary heart disease patients according to medical specialities.** Cardiovasc Ther. 2009 Fall;27(3):173-80. PubMed PMID: 19689616.

Sanz-Ruiz R, Fernández-Santos E, Domínguez-Muñoz M, Parma R, Villa A, Fernández L, Sánchez PL, Fernández-Avilés F. **Early translation of adipose-derived**

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

cell therapy for cardiovascular disease. Cell Transplant. 2009;18(3):245-54.
Review. PubMed PMID: 19558773.

González-Torrecilla E, Almendral J, Arenal A, Atienza F, Atea LF, del Castillo S, Fernández-Avilés F. **Combined evaluation of bedside clinical variables and the electrocardiogram for the differential diagnosis of paroxysmal atrioventricular reciprocating tachycardias in patients without pre-excitation.** J Am Coll Cardiol. 2009 Jun 23;53(25):2353-8. PubMed PMID: 19539146.

Villa A, Arnold R, Sánchez PL, Gimeno F, Ramos B, Cantero T, Fernández ME, Sanz R, Gutiérrez O, Mota P, García-Frade J, San Román JA, Fernández-Avilés F; Terapia Celular Aplicada al Miocardio Research Group. **Comparison of neointimal hyperplasia with drug-eluting stents versus bare metal stents in patients undergoing intracoronary bone-marrow mononuclear cell transplantation following acute myocardial infarction.** Am J Cardiol. 2009 Jun 15;103(12):1651-6. Epub 2009 Apr 16. PubMed PMID: 19539071.

Martínez-Sellés M, Datino T, Pello AM, Fernández-Avilés F. **Ergonovine provocative test in Caucasian patients with left ventricular apical ballooning syndrome.** Int J Cardiol. 2010 Nov 5;145(1):89-91. Epub 2009 Jun 11. PubMed PMID: 19523700.

Sipido KR, Tedgui A, Kristensen SD, Pasterkamp G, Schunkert H, Wehling M, Steg PG, Eisert W, Rademakers F, Casadei B, Fuster V, Cerbai E, Hasenfuss G, Fernandez-Aviles F, Garcia-Dorado D, Vidal M, Hallen M, Dambruskaite V. **Identifying needs and opportunities for advancing translational research in cardiovascular disease.** Cardiovasc Res. 2009 Aug 1;83(3):425-35. Epub 2009 Jun 5. PubMed PMID: 19502281.

Martínez-Sellés M. **[Aortic valve replacement: the answer to aortic stenosis epidemic in the elderly?]** Med Clin (Barc). 2010 Feb 6;134(3):114-5. Epub 2009 Jun 2. Spanish. PubMed PMID: 19493544.

Sambola A, Ferreira-González I, Angel J, Alfonso F, Maristany J, Rodríguez O, Bueno H, López-Minguez JR, Zueco J, Fernández-Avilés F, Román AS, Prendergast B, Mainar V, García-Dorado D, Tornos P. **Therapeutic strategies after coronary stenting in chronically anticoagulated patients: the MUSICA study.** Heart. 2009 Sep;95(18):1483-8. Epub 2009 May 17. PubMed PMID: 19451141.

San Román JA, Candell-Riera J, Arnold R, Sánchez PL, Aguadé-Bruix S, Bermejo J, Revilla A, Villa A, Cuéllar H, Hernández C, Fernández-Avilés F. **Quantitative analysis of left ventricular function as a tool in clinical research. Theoretical basis and methodology.** Rev Esp Cardiol. 2009 May;62(5):535-51. Review. English, Spanish. PubMed PMID: 19406068.

Gallardo Lobo R, Sánchez PL, San Román JA, Fernández-Avilés F. **Prosthetic mitral valve thrombosis treated with two consecutive courses of fibrinolysis.** Rev Esp Cardiol. 2009 Apr;62(4):452-4. English, Spanish. PubMed PMID: 19401133.

Martínez-Sellés M, Vidán MT, López-Palop R, Rexach L, Sánchez E, Datino T, Cornide M, Carrillo P, Ribera JM, Díaz-Castro O, Bañuelos C; Spanish Society of

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

Cardiology Section on Geriatric Cardiology "**Endstage heart disease in the elderly" working group. End-stage heart disease in the elderly.** Rev Esp Cardiol. 2009 Apr;62(4):409-21. Review. English, Spanish. PubMed PMID: 19401126.

Palomo M, Diaz-Ricart M, Carbo C, Rovira M, Fernandez-Aviles F, Escolar G, Eissner G, Holler E, Carreras E. **The release of soluble factors contributing to endothelial activation and damage after hematopoietic stem cell transplantation is not limited to the allogeneic setting and involves several pathogenic mechanisms.** Biol Blood Marrow Transplant. 2009 May;15(5):537-46. PubMed PMID: 19361745.

Arenal A, Datino T, Atea L, Atienza F, González-Torrecilla E, Almendral J, Castilla L, Sánchez PL, Fernández-Aviles F. **Dominant frequency differences in atrial fibrillation patients with and without left ventricular systolic dysfunction.** Europace. 2009 Apr;11(4):450-7. PubMed PMID: 19307282.

Hasin T, Hochadel M, Gitt AK, Behar S, Bueno H, Hasin Y. **Comparison of treatment and outcome of acute coronary syndrome in patients with versus patients without diabetes mellitus.** Am J Cardiol. 2009 Mar 15;103(6):772-8. Epub 2009 Jan 24. PubMed PMID: 19268730.

Villa A, Sanz R, Fernandez ME, Elizaga J, Ludwig I, Sanchez PL, Fernandez-Aviles F. **Panoramic view of the Fifth International Symposium on Stem Cell Therapy and Applied Cardiovascular Biotechnology,** April 2008, Madrid (Spain). J Cardiovasc Transl Res. 2009 Mar;2(1):108-13. Epub 2008 Sep 19. PubMed PMID: 20559974.

Gallego L, Martínez-Sellés M, García E, Franco J, Estévez A, Sarnago Cebada F, Fernández-Avilés F. **Characteristics and outcome of angiographically confirmed stent thrombosis.** Rev Esp Cardiol. 2009 Feb;62(2):220-3. English, Spanish. PubMed PMID: 19232197.

San Román JA, Luquero FJ, de la Fuente L, Pérez-Rubio A, Tamames S, Fernández-Avilés F, Castrodeza J. **Assessment of inappropriate hospital stays in a cardiology department.** Rev Esp Cardiol. 2009 Feb;62(2):211-5. English, Spanish. PubMed PMID: 19232195.

Martínez-Sellés M, López-Palop R, Datino T, Bañuelos C. **[Update on geriatric cardiology].** Rev Esp Cardiol. 2009 Jan;62 Suppl 1:53-66. Review. Spanish. PubMed PMID: 19174050.

Bartunek J, Sherman W, Vanderheyden M, Fernandez-Aviles F, Wijns W, Terzic A. **Delivery of biologics in cardiovascular regenerative medicine.** Clin Pharmacol Ther. 2009 May;85(5):548-52. Epub 2009 Feb 11. PubMed PMID: 19212313.

Schwab JO, Gasparini M, Lunati M, Proclemer A, Kaup B, Santi E, Ligorio G, Klersy C, DE Sousa J, Okreglicki A, Arenal A, Wijffels M, Lemke B. **Avoid delivering therapies for nonsustained fast ventricular tachyarrhythmia in patients with implantable cardioverter/defibrillator: the ADVANCE III Trial.** J Cardiovasc Electrophysiol. 2009 Jun;20(6):663-6. Epub 2009 Jan 9. PubMed PMID: 19175450.

Martínez-Sellés M. **[Sudden death in young males after police detention. A new syndrome of possible cardiovascular origin]**. Rev Esp Cardiol. 2009 Jan;62(1):101-2. Spanish. PubMed PMID: 19150023.

Martínez-Sellés M, Datino T, Pello AM, Avilés FF. **Predictors of coronary spasm in patients with chest pain and no significant coronary stenosis**. Int J Cardiol. 2010 Sep 3;143(3):428-30. Epub 2009 Jan 9. PubMed PMID: 19135733.

Atienza F, Almendral J, Jalife J, Zlochiver S, Ploutz-Snyder R, Torrecilla EG, Arenal A, Kalifa J, Fernández-Avilés F, Berenfeld O. **Real-time dominant frequency mapping and ablation of dominant frequency sites in atrial fibrillation with left-to-right frequency gradients predicts long-term maintenance of sinus rhythm**. Heart Rhythm. 2009 Jan;6(1):33-40. Epub 2008 Oct 22. PubMed PMID: 19121797; PubMed Central PMCID: PMC2867332.

Ferreira-González I, Permanyer-Miralda G, Heras M, Cuñat J, Civeira E, Arós F, Rodríguez JJ, Sánchez PL, Marsal JR, Ribera A, Marrugat J, Bueno H; **MASCARA study group. Patterns of use and effectiveness of early invasive strategy in non-ST-segment elevation acute coronary syndromes: an assessment by propensity score**. Am Heart J. 2008 Nov;156(5):946-53, 953.e2. Epub 2008 Sep 11. PubMed PMID: 19061711.

Bassand JP, Hamm CW, Ardissino D, Boersma E, Budaj A, Fernandez-Aviles F, Fox KA, Hasdai D, Ohman EM, Wallentin L, Wijns W; **Grupo de Trabalho para o Diagnóstico e Tratamento de Síndromes Coronárias Agudas sem Elevação do Segmento ST da European Society of Cardiology. [Guidelines for the diagnosis and treatment of non-ST-segment elevation acute coronary syndromes]**. Rev Port Cardiol. 2008 Sep;27(9):1063-143. Portuguese. PubMed PMID: 19044176.

Martínez-Sellés M, Bueno H, Estevez A, De Miguel J, Muñoz J, Fernández-Avilés F. **Positive non-invasive tests in the chest pain unit: importance of the clinical profile for estimating the probability of coronary artery disease**. Acute Card Care. 2008;10(4):205-8. PubMed PMID: 19031188.

Martínez-Sellés M, Muñoz P, Estevez A, del Castillo R, García-Fernández MA, Rodríguez-Créixems M, Moreno M, Bouza E; GAME Study Group. **Long-term outcome of infective endocarditis in non-intravenous drug users**. Mayo Clin Proc. 2008 Nov;83(11):1213-7. PubMed PMID: 18990319.

Pérez David E, Prieto Arévalo R, Fernández-Avilés F. **Endocardial fibroelastosis in dilated cardiomyopathy in a 28-year-old transplant recipient**. Eur Heart J. 2009 Feb;30(4):477. Epub 2008 Sep 30. PubMed PMID: 18826986.

Moreno-Romero JA, Fernández-Avilés F, Carreras E, Rovira M, Martínez C, Mascaró JM Jr. **Imatinib as a potential treatment for sclerodermatous chronic graft-vs-host disease**. Arch Dermatol. 2008 Sep;144(9):1106-9. PubMed PMID: 18794453.

Martínez-Sellés M, García-Fernández MA, Larios E, Moreno M, Pinto A, García-Robles JA, Pérez-David E, Fernández-Avilés F. **Etiology and short-term**

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

prognosis of severe mitral regurgitation. Int J Cardiovasc Imaging. 2009 Feb;25(2):121-6. Epub 2008 Sep 6. PubMed PMID: 18777106.

Martínez-Sellés M, Bueno H, Sacristán A, Estévez A, Ortiz J, Gallego L, Fernández-Avilés F.

Chest pain in the emergency department: incidence, clinical characteristics and risk stratification. Rev Esp Cardiol. 2008 Sep;61(9):953-9. English, Spanish. PubMed PMID: 18775237.

Granell M, Urbano-Ispizua A, Pons A, Aróstegui JI, Gel B, Navarro A, Jansa S, Artells R, Gaya A, Talam C, Fernández-Avilés F, Martínez C, Rovira M, Carreras E, Rozman C, Juan M, Yagüe J, Montserrat E, Monzó M. **Common variants in NLRP2 and NLRP3 genes are strong prognostic factors for the outcome of HLA-identical sibling allogeneic stem cell transplantation.** Blood. 2008 Nov 15;112(10):4337-42. Epub 2008 Sep 4. PubMed PMID: 18772453.

Ferreira-González I, Permanyer-Miralda G, Marrugat J, Heras M, Cuñat J, Civeira E, Arós F, Rodríguez JJ, Sánchez PL, Bueno H; **MASCARA study research team. MASCARA (Manejo del Síndrome Coronario Agudo. Registro Actualizado) study. General findings.** Rev Esp Cardiol. 2008 Aug;61(8):803-16. English, Spanish. Erratum in: Rev Esp Cardiol. 2008 Nov;61(11):1228. PubMed PMID: 18684363.

Datino T, Almendral J, González-Torrecilla E, Atienza F, García-Fernández FJ, Arenal A, Atea L, Fernández-Avilés F. **Rate-related changes in QRS morphology in patients with fixed bundle branch block: implications for differential diagnosis of wide QRS complex tachycardia.** Eur Heart J. 2008 Oct;29(19):2351-8. Epub 2008 Jul 29. PubMed PMID: 18664461.

Martínez-Sellés M, Datino T, Alhama M, Barrueco N, Castillo I, Fernández-Avilés F. **Rapid carvedilol up-titration in hospitalized patients with systolic heart failure.** J Heart Lung Transplant. 2008 Aug;27(8):914-6. Epub 2008 Jun 25. PubMed PMID: 18656807.

Gaya A, Urbano-Ispizua A, Fernández-Avilés F, Salamero O, Roncero JM, Rovira M, Martínez C, Talam C, Granell M, Carreras E, Montserrat E. **Anemia associated with impaired erythropoietin secretion after allogeneic stem cell transplantation: incidence, risk factors, and response to treatment.** Biol Blood Marrow Transplant. 2008 Aug;14(8):880-7. PubMed PMID: 18640571.

Arenal A, Atea L, Datino T, González-Torrecilla E, Atienza F, Almendral J, Sánchez A, Sanchez PL, Fernandez-Aviles F. **Identification of conduction gaps in the ablation line during left atrium circumferential ablation: facilitation of pulmonary vein disconnection after endpoint modification according to electrogram characteristics.** Heart Rhythm. 2008 Jul;5(7):994-1002. Epub 2008 Apr 4. PubMed PMID: 18598954.

Reyes G, Rodríguez-Abella H, Cuerpo G, López J, Montalvo E, Duarte J, Vallejo JL, Bueno H. **[The value of an intervention for improving secondary prevention in patients undergoing cardiac surgery].** Rev Esp Cardiol. 2008 Jul;61(7):766-70. Spanish. PubMed PMID: 18590650.

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

Villa A, Tejedor-Viñuela P, Sánchez PL, Tapia C, Arnold R, Gómez-Salvador I, García-Frade LJ, Sánchez A, Fernández-Avilés F, San Román JA. **Effect of persistent microvascular obstruction on post-infarction ventricular remodeling following intracoronary bone-marrow cell transplantation: a contrast-enhanced cardiac magnetic resonance study**. Rev Esp Cardiol. 2008 Jun;61(6):602-10. Spanish. PubMed PMID: 18570781.

Pérez David E, Osende J, Fernández-Avilés F. **An unusual cause of cardiomegaly**. Eur Heart J. 2008 Nov;29(21):2688. Epub 2008 Jun 6. PubMed PMID: 18539588.

González-Torrecilla E, Almendral J, Arenal A, Atienza F, del Castillo S, Fernández-Avilés F. **Independent predictive accuracy of classical electrocardiographic criteria in the diagnosis of paroxysmal atrioventricular reciprocating tachycardias in patients without pre-excitation**. Europace. 2008 May;10(5):624-8. Epub 2008 Apr 8. PubMed PMID: 18400770.

Martínez-Sellés M, Datino T, Gómez Sánchez MA, Bañuelos C. **Update on geriatric cardiology**. Rev Esp Cardiol. 2008 Feb;61 Suppl 1:4-14. Review. Spanish. PubMed PMID: 18341931.

Escaned Barbosa J, Roig Minguell E, Chorro Gascó FJ, De Teresa Galván E, Jiménez Mena M, López de Sá y Areses E, Alfonso Manterola F, Gómez Esmorís L, Martín Burrieza F, Salvador Taboada MJ, Alonso-Pulpón Rivera LA; Comité de Expertos del Proyecto Futuro de la Cardiología, Anguita Sánchez M, Asín Cardiel E, Bosch Genover X, Castro Beiras A, Cañadas Godoy V, Fernández Avilés F, García Pavía P, Lidón Corbí RM, López Sendón JL, Macaya Miguel C, Masía Martorel R, Murga Eizagahechevarría N, Ortega Marcos J, Permanyer Miralda C, Sales González E, Sanchis Fores J, Sanz Romero G, Tornos Mas P; Sociedad Española de Cardiología. **The scope of cardiological competence in the new clinical settings. Spanish Society of Cardiology consensus document**. Rev Esp Cardiol. 2008 Feb;61(2):161-9. Spanish. PubMed PMID: 18364185.

Abraham JM, Gibson CM, Pena G, Sanz R, AlMahameed A, Murphy SA, Blanco J, Alonso-Briales J, Lopez-Mesa J, Gimeno F, Sánchez PL, Fernández-Avilés F; GRACIA-2 (Grupo de Análisis de la Cardiopatía Isquémica Aguda) Investigators. **Association of angiographic perfusion score following percutaneous coronary intervention for ST-elevation myocardial infarction with left ventricular remodeling at 6 weeks in GRACIA-2**. J Thromb Thrombolysis. 2009 Apr;27(3):253-8. Epub 2008 Mar 11. PubMed PMID: 18330516.

Sanz-Ruiz R, Santos ME, Muñoa MD, Martín IL, Parma R, Fernández PL, Fernández-Avilés F. **Adipose tissue-derived stem cells: the friendly side of a classic cardiovascular foe**. J Cardiovasc Transl Res. 2008 Mar;1(1):55-63. Epub 2008 Jan 29. Review. PubMed PMID: 20559958.

Cortés M, García E, García-Fernandez MA, Gomez JJ, Perez-David E, Fernández-Avilés F. **Usefulness of transesophageal echocardiography in percutaneous transcatheter repairs of paravalvular mitral regurgitation**. Am J Cardiol. 2008 Feb 1;101(3):382-6. Epub 2007 Dec 21. PubMed PMID: 18237605.

García-Dorado D, Castro-Beiras A, Díez J, Gabriel R, Gimeno-Blanes JR, Ortiz

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

de Landázuri M, Sánchez PL, Fernández-Avilés F; **Grupos que integran la red**

RECAVA. [Cooperative Cardiovascular Disease Research Network (RECAVA)]. Rev Esp Cardiol. 2008 Jan;61(1):58-65. Spanish. PubMed PMID: 18221692.

Bratos-Pérez MA, Sánchez PL, García de Cruz S, Villacorta E, Palacios IF, Fernández-Fernández JM, Di Stefano S, Orduña-Domingo A, Carrascal Y, Mota P, Martín-Luengo C, Bermejo J, San Roman JA, Rodríguez-Torres A, Fernández-Avilés F; Grupo AORTICA (Grupo de Estudio de la Estenosis Aórtica). **Association between self-replicating calcifying nanoparticles and aortic stenosis: a possible link to valve calcification**. Eur Heart J. 2008 Feb;29(3):371-6. Epub 2008 Jan 12. PubMed PMID: 18192703.

Talam C, Urbano-Ispizua A, Martino R, Pérez-Simón JA, Batlle M, Herrera C, Granell M, Gaya A, Torrealbadell M, Fernández-Avilés F, Aymerich M, Marín P, Sierra J, Montserrat E. **Kinetics of recovery of dendritic cell subsets after reduced-intensity conditioning allogeneic stem cell transplantation and clinical outcome**. Haematologica. 2007 Dec;92(12):1655-63. PubMed PMID: 18055989.

Martínez-Selles M. **Treatment of heart failure with normal ejection fraction in patients with advanced chronic heart failure**. Eur J Heart Fail. 2007 Dec;9(12):1223; author reply 1224-5. Epub 2007 Nov 19. PubMed PMID: 18006377.

Martínez-Sellés M. **What do women have in their hearts?**. Rev Esp Cardiol. 2007 Nov;60(11):1118-21. Review. Spanish. PubMed PMID: 17996170.

Villa A, Sanchez PL, Fernandez-Aviles F; Terapia Celular Aplicada al Miocardio Research Group. **Ventricular arrhythmias following intracoronary bone marrow stem cell transplantation**. Europace. 2007 Dec;9(12):1222-3. Epub 2007 Oct 19. PubMed PMID: 17951574.

Thygesen K, Alpert JS, White HD; Joint ESC/ACCF/AHA/WHF Task Force for the Redefinition of Myocardial Infarction, Jaffe AS, Apple FS, Galvani M, Katus HA, Newby LK, Ravkilde J, Chaitman B, Clemmensen PM, Dellborg M, Hod H, Porela P, Underwood R, Bax JJ, Beller GA, Bonow R, Van der Wall EE, Bassand JP, Wijns W, Ferguson TB, Steg PG, Uretsky BF, Williams DO, Armstrong PW, Antman EM, Fox KA, Hamm CW, Ohman EM, Simoons ML, Poole-Wilson PA, Gurfinkel EP, Lopez-Sendon JL, Pais P, Mendis S, Zhu JR, Wallentin LC, Fernández-Avilés F, Fox KM, Parkhomenko AN, Priori SG, Tendera M, Voipio-Pulkki LM, Vahanian A, Camm AJ, De Caterina R, Dean V, Dickstein K, Filippatos G, Funck-Brentano C, Hellemans I, Kristensen SD, McGregor K, Sechtem U, Silber S, Tendera M, Widimsky P, Zamorano JL, Morais J, Brener S, Harrington R, Morrow D, Lim M, Martínez-Ríos MA, Steinhilb S, Levine GN, Gibler WB, Goff D, Tubaro M, Dudek D, Al-Attar N. **Universal definition of myocardial infarction**. Circulation. 2007 Nov 27;116(22):2634-53. Epub 2007 Oct 19. PubMed PMID: 17951284.

Martínez C, Salamero O, Arenillas L, Duque J, López-Guillermo A, Rovira M, Urbano-Ispizua A, Fernández-Avilés F, Carreras E, Montserrat E. **Autologous stem cell transplantation for patients with active Hodgkin's lymphoma: long-term outcome of 61 patients from a single institution. Leuk Lymphoma**. 2007 Oct;48(10):1968-75. PubMed PMID: 17917965.

Prieto R, Martínez-Sellés M, Fernández-Avilés F. **Essential thrombocytemia**

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

and acute coronary syndrome: clinical profile and association with other thromboembolic events. Acute Card Care. 2008;10(2):116-20. PubMed PMID: 17906986.

González-Torrecilla E, Arenal A, Atienza F, Almendral J. **Transient atrioventricular block shortly after uneventful cryoablation of atrioventricular nodal re-entrant tachycardias: report of two cases.** Europace. 2007 Oct;9(10):927-30. PubMed PMID: 17905793.

Sánchez PL, Villa A, Sanz R, Domínguez M, Ludwig I, Fernández ME, Fernández-Avilés F. **Present and future of stem cells for cardiovascular therapy.** Ann Med. 2007;39(6):412-27. Epub 2007 Jul 31. Review. PubMed PMID: 17852037.

Perez-David E, Garcia Fernandez MA, García E, Gomez de Diego JJ, García Robles JA, Fernandez-Aviles F. **Successful transcatheter closure of a postmyocardial infarction ventricular septal rupture in a patient rejected for cardiac surgery: usefulness of transesophageal echocardiography.** J Am Soc Echocardiogr. 2007 Dec;20(12):1417.e9-12. Epub 2007 Aug 3. PubMed PMID: 17689051.

Cortina C, Bermejo J, Yotti R, Desco MM, Rodríguez-Pérez D, Antoranz JC, Rojo-Alvarez JL, García D, García-Fernández MA, Fernández-Avilés F. **Noninvasive assessment of the right ventricular filling pressure gradient.** Circulation. 2007 Aug 28;116(9):1015-23. Epub 2007 Aug 7. PubMed PMID: 17684149.

David EP, Fernandez MA, Fernández-Avilés F. **Isolated cardiac hydatidosis.** Eur Heart J. 2007 Dec;28(23):2829. Epub 2007 Jul 18. PubMed PMID: 17636310.

San Román JA, Sanz-Ruiz R, Ortega JR, Pérez-Paredes M, Rollán MJ, Muñoz AC, Segura F, Jiménez D, Carnero A, Pinedo M, Arnold R, Gómez I, Fernández-Aviles F. **Safety and predictors of complications with a new accelerated dobutamine stress echocardiography protocol.** J Am Soc Echocardiogr. 2008 Jan;21(1):53-7. Epub 2007 Jul 12. PubMed PMID: 17628422.

Task Force for Diagnosis and Treatment of Non-ST-Segment Elevation Acute Coronary Syndromes of European Society of Cardiology, Bassand JP, Hamm CW, Ardissino D, Boersma E, Budaj A, Fernández-Avilés F, Fox KA, Hasdai D, Ohman EM, Wallentin L, Wijns W. **Guidelines for the diagnosis and treatment of non-ST-segment elevation acute coronary syndromes.** Eur Heart J. 2007 Jul;28(13):1598-660. Epub 2007 Jun 14. PubMed PMID: 17569677.

Jiménez-Quevedo P, Sabaté M, Angiolillo DJ, Alfonso F, Hernández-Antolín R, SanMartín M, Gómez-Hospital JA, Bañuelos C, Escaned J, Moreno R, Fernández C, Fernández-Avilés F, Macaya C; **DIABETES Investigators. Long-term clinical benefit of sirolimus-eluting stent implantation in diabetic patients with de novo coronary stenoses: long-term results of the DIABETES trial.** Eur Heart J. 2007 Aug;28(16):1946-52. Epub 2007 Jun 11. PubMed PMID: 17562666.

Alonso JJ, Sanz G, Guindo J, García-Moll X, Bardají A, Bueno H; Grupo de Estudio sobre las Unidades Coronarias de Cuidados Intermedios. **Intermediate coronary care units: rationale, infrastructure, equipment, and referral criteria.** Rev Esp Cardiol. 2007 Apr;60(4):404-14. Spanish. PubMed PMID: 17521549.

Sánchez PL, Fernández-Avilés F. **[Stem-cell therapy following large acute myocardial infarction]**. Rev Esp Cardiol. 2007 Apr;60(4):346-8. Spanish. PubMed PMID: 17521542.

San Román JA, López J, Vilacosta I, Luaces M, Sarriá C, Revilla A, Ronderos R, Stoermann W, Gómez I, Fernández-Avilés F. **Prognostic stratification of patients with left-sided endocarditis determined at admission**. Am J Med. 2007 Apr;120(4):369.e1-7. PubMed PMID: 17398233.

Escaned J, Rydén L, Zamorano JL, Poole-Wilson P, Fuster V, Gitt A, Fernández-Avilés F, Scholte Op Reimer W, De Teresa E, Alonso-Pulpón L, Tendera M; European Conference on the Future of Cardiology. **[Trends and contexts in European cardiology practice for the next 15 years. The Madrid Declaration: a report from the European Conference on the Future of Cardiology, Madrid, 2-3 June 2006]**. Rev Esp Cardiol. 2007 Mar;60(3):294-8. Spanish. PubMed PMID: 17394875.

Martínez-Selles M, Barrio JM, Hortal J, Ruiz M, Bueno H. **Prevalence of peripheral arterial disease and prior stroke in octogenarians with symptomatic severe aortic stenosis or severe coronary artery disease: influence in management and outcome**. Int Angiol. 2007 Mar;26(1):33-7. PubMed PMID: 17353886.

García-Moll X, Bardají A, Alonso J, Bueno H. **[Ischemic heart disease: 2006 update]**. Rev Esp Cardiol. 2007 Feb;60 Suppl 1:3-18. Review. Spanish. PubMed PMID: 17352852.

Arenal A, Ortiz M, Peinado R, Merino JL, Quesada A, Atienza F, Alberola AG, Ormaetxe J, Castellanos E, Rodríguez JC, Pérez N, García J, Boluda L, del Prado M, Artés A. **Differentiation of ventricular and supraventricular tachycardias based on the analysis of the first postpacing interval after sequential anti-tachycardia pacing in implantable cardioverter-defibrillator patients**. Heart Rhythm. 2007 Mar;4(3):316-22. Epub 2006 Nov 10. PubMed PMID: 17341396.

Hernández-Luis C, García-Morán E, Rubio-Sanz J, Fernández-Avilés F. **[Kearns-Sayre syndrome: recurrent syncope and atrial flutter]**. Rev Esp Cardiol. 2007 Jan;60(1):89-90. Spanish. PubMed PMID: 17288966.

Escaned J, Rydén L, Zamorano JL, Poole-Wilson P, Fuster V, Gitt A, Fernández-Avilés F, Scholte Op Reimer W, de Teresa E, Alonso-Pulpón L, Tendera M; European Conference on the Future of Cardiology. **Trends and contexts in European cardiology practice for the next 15 years: the Madrid Declaration: a report from the European Conference on the Future of Cardiology, Madrid, 2-3 June 2006**. Eur Heart J. 2007 Mar;28(5):634-7. Epub 2007 Feb 5. PubMed PMID: 17283000.

Fernández-Avilés F, Alonso JJ, Peña G, Blanco J, Alonso-Briales J, López-Mesa J, Fernández-Vázquez F, Moreu J, Hernández RA, Castro-Beiras A, Gabriel R, Gibson CM, Sánchez PL; GRACIA-2 (Grupo de Análisis de Cardiopatía Isquémica Aguda) Investigators. **Primary angioplasty vs. early routine post-fibrinolysis angioplasty for acute myocardial infarction with ST-segment elevation: the GRACIA-2 non-inferiority, randomized, controlled trial**. Eur Heart J. 2007 Apr;28(8):949-60. Epub 2007 Jan 23. PubMed PMID: 17244641.

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

Sánchez PL, Sánchez-Guijo FM, Villa A, del Cañizo C, Arnold R, San Román JA, Fernández-Avilés F. **Launching a clinical program of stem cell therapy for cardiovascular repair**. Nat Clin Pract Cardiovasc Med. 2007 Feb;4 Suppl 1:S123-9. Review. PubMed PMID: 17230210.

Bartunek J, Vanderheyden M, Wijns W, Timmermans F, Vandekerckhove B, Villa A, Sánchez PL, Arnold R, San Román JA, Heyndrickx G, Fernandez-Aviles F. **Bone-marrow-derived cells for cardiac stem cell therapy: safe or still under scrutiny?** Nat Clin Pract Cardiovasc Med. 2007 Feb;4 Suppl 1:S100-5. PubMed PMID: 17230205.

Martínez-Sellés M, García-Fernández MA, Moreno M, Larios E, García-Robles JA, Pinto A. **Influence of gender on the etiology of mitral regurgitation**. Rev Esp Cardiol. 2006 Dec;59(12):1335-8. Spanish. PubMed PMID: 17194432.

Tejedor-Viñuela P, San Román-Calvar JA, Durán-Hernández JM, Gómez-Salvador I, Sierra-Román J, Fernández-Avilés F. **Safety of early cardiac magnetic resonance imaging in acute myocardial infarction patients with stents**. Rev Esp Cardiol. 2006 Dec;59(12):1261-7. Spanish. PubMed PMID: 17194421.

Lunati M, Defaye P, Mermi J, Garcia-Alberola A, Merino JL, Arenal A, Cappato R, Navarro X, Passardi M, Santini M. **Improvement of quality of life by means of antitachy pacing: from PainFREE to the ADVANCE-D Trial**. Pacing Clin Electrophysiol. 2006 Dec;29 Suppl 2:S35-9. Review. PubMed PMID: 17169131.

Jiménez-Quevedo P, Sabaté M, Angiolillo DJ, Alfonso F, Hernández-Antolín R, Gómez-Hospital JA, Sanmartín M, Bañuelos C, Moreno R, Escaned J, Fernández C, Costa MA, Fernández-Avilés F, Macaya C. **Efficacy of sirolimus-eluting stent implantation in diabetic patients with very small vessels (< or = 2.25 mm). Insights from the DIABETES trial**. Rev Esp Cardiol. 2006 Oct;59(10):1000-7. Spanish. PubMed PMID: 17125709.

Atienza F, Almendral J, Moreno J, Vaidyanathan R, Talkachou A, Kalifa J, Arenal A, Villacastín JP, Torrecilla EG, Sánchez A, Ploutz-Snyder R, Jalife J, Berenfeld O. **Activation of inward rectifier potassium channels accelerates atrial fibrillation in humans: evidence for a reentrant mechanism**. Circulation. 2006 Dec 5;114(23):2434-42. Epub 2006 Nov 13. PubMed PMID: 17101853.

Westerhout CM, Hernández AV, Steyerberg EW, Bueno H, White H, Thérout P, Moliterno DJ, Armstrong PW, Califf RM, Wallentin LC, Simoons ML, Boersma E. **Predictors of stroke within 30 days in patients with non-ST-segment elevation acute coronary syndromes**. Eur Heart J. 2006 Dec;27(24):2956-61. Epub 2006 Nov 8. PubMed PMID: 17093039.

Martínez-Sellés M, Domínguez M, Martínez E, García Fernández MA, García E. **Women with left ventricular ejection fraction < or = 20% have better prognosis than men**. Int J Cardiol. 2007 Aug 21;120(2):276-8. Epub 2006 Nov 7. PubMed PMID: 17084922.

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

Hernández AV, Westerhout CM, Steyerberg EW, Ioannidis JP, Bueno H, White H, Theroux P, Moliterno DJ, Armstrong PW, Califf RM, Wallentin LC, Simoons ML, Boersma E. **Effects of platelet glycoprotein IIb/IIIa receptor blockers in non-ST segment elevation acute coronary syndromes: benefit and harm in different age subgroups.** Heart. 2007 Apr;93(4):450-5. Epub 2006 Oct 25. PubMed PMID: 17065179; PubMed Central PMCID: PMC1861476.

Martínez-Sellés M, Hortal J, Barrio JM, Ruiz M, Bueno H. **Treatment and outcomes of severe cardiac disease with surgical indication in very old patients.** Int J Cardiol. 2007 Jun 25;119(1):15-20. Epub 2006 Oct 13. PubMed PMID: 17046080.

Granell M, Urbano-Ispizua A, Aróstegui JI, Fernández-Avilés F, Martínez C, Rovira M, Rius J, Plaza S, Gaya A, Navarro A, Talarn C, Carreras E, Monzó M, Montserrat E, Yagüe J. **Effect of NOD2/CARD15 variants in T-cell depleted allogeneic stem cell transplantation.** Haematologica. 2006 Oct;91(10):1372-6. PubMed PMID: 17018387.

Fernández-Avilés F, Carreras E, Urbano-Ispizua A, Rovira M, Martínez C, Gaya A, Granell M, Ramiro L, Gallego C, Hernando A, Segura S, García L, González M, Valverde M, Montserrat E. **Case-control comparison of at-home to total hospital care for autologous stem-cell transplantation for hematologic malignancies.** J Clin Oncol. 2006 Oct 20;24(30):4855-61. Epub 2006 Sep 25. PubMed PMID: 17001069.

Granell M, Urbano-Ispizua A, Suarez B, Rovira M, Fernández-Avilés F, Martínez C, Ortega M, Uriburu C, Gaya A, Roncero JM, Navarro A, Carreras E, Mensa J, Vives J, Rozman C, Montserrat E, Lozano F. **Mannan-binding lectin pathway deficiencies and invasive fungal infections following allogeneic stem cell transplantation.** Exp Hematol. 2006 Oct;34(10):1435-41. PubMed PMID: 16982337.

Martínez-Sellés M, Domínguez M, Martínez E, García Fernández MA, García E. **Statin use and prognosis in patients with advanced heart failure.** Int J Cardiol. 2007 May 16;118(1):135-7. Epub 2006 Sep 1. PubMed PMID: 16949689.

de Teresa Galván E, Alonso-Pulpón L, Barber P, Bover Freire R, Castro Beiras A, Cruz Fernández JM, Fernández Avilés F, García de Lara J, González Valcárcel B, Martín Luengo C, Plaza Celemín L, del Pozo Crespo F, Triola Fort M. **Imbalance between the supply and demand for cardiologists in Spain. Analysis of the current situation, future prospects, and possible solutions.** Rev Esp Cardiol. 2006 Jul;59(7):703-17. Spanish. PubMed PMID: 16938213.

Mandelzweig L, Battler A, Boyko V, Bueno H, Danchin N, Filippatos G, Gitt A, Hasdai D, Hasin Y, Marrugat J, Van de Werf F, Wallentin L, Behar S; Euro Heart Survey Investigators. **The second Euro Heart Survey on acute coronary syndromes: Characteristics, treatment, and outcome of patients with ACS in Europe and the Mediterranean Basin in 2004.** Eur Heart J. 2006 Oct;27(19):2285-93. Epub 2006 Aug 14. PubMed PMID: 16908490.

Parody R, Martino R, Rovira M, Vazquez L, Vázquez MJ, de la Cámara R, Blazquez C, Fernández-Avilés F, Carreras E, Salavert M, Jarque I, Martín C, Martínez F, López J, Torres A, Sierra J, Sanz GF; Infectious/Non-infectious Complications Subcommittee of the Grupo Español de Trasplante Hematopoyético (GETH). **Severe infections after unrelated donor allogeneic hematopoietic stem**

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

cell transplantation in adults: comparison of cord blood transplantation with peripheral blood and bone marrow transplantation. Biol Blood Marrow Transplant. 2006 Jul;12(7):734-48. PubMed PMID: 16785063.

Jiménez-Quevedo P, Sabaté M, Angiolillo DJ, Costa MA, Alfonso F, Gómez-Hospital JA, Hernández-Antolín R, Bañuelos C, Goicolea J, Fernández-Avilés F, Bass T, Escaned J, Moreno R, Fernández C, Macaya C; DIABETES Investigators.

Vascular effects of sirolimus-eluting versus bare-metal stents in diabetic patients: three-dimensional ultrasound results of the Diabetes and Sirolimus-Eluting Stent (DIABETES) Trial. J Am Coll Cardiol. 2006 Jun 6;47(11):2172-9. Epub 2006 May 15. PubMed PMID: 16750681.

Sánchez PL, Rodríguez MV, Villacorta E, Albarrán C, Cruz I, Moreiras JM, Martín F, Pabón P, Fernández-Avilés F, Martín-Luengo C. **[Kinetics of C-reactive protein release in different forms of acute coronary syndrome].** Rev Esp Cardiol. 2006 May;59(5):441-7. Spanish. PubMed PMID: 16750141.

González-Torrecilla E, Arenal A, Atienza F, Osca J, García-Fernández J, Puchol A, Sánchez A, Almendral J. **First postpacing interval after tachycardia entrainment with correction for atrioventricular node delay: a simple maneuver for differential diagnosis of atrioventricular nodal reentrant tachycardias versus orthodromic reciprocating tachycardias.** Heart Rhythm. 2006 Jun;3(6):674-9. Epub 2006 Mar 6. PubMed PMID: 16731468.

Jiménez M, Martínez C, Ercilla G, Carreras E, Urbano-Ispizua A, Aymerich M, Villamor N, Amézaga N, Rovira M, Fernández-Avilés F, Montserrat E. **Clinical factors influencing T-cell receptor excision circle (TRECs) counts following allogeneic stem cell transplantation in adults.** Transpl Immunol. 2006 Jun;16(1):52-9. Epub 2006 Mar 31. PubMed PMID: 16701177.

Talam C, Urbano-Ispizua A, Martino R, Batlle M, Fernández-Avilés F, Herrera C, Pérez-Simón JA, Gaya A, Aymerich M, Pétriz J, Marín P, Sierra J, Montserrat E. **G-CSF increases the number of peripheral blood dendritic cells CD16+ and modifies the expression of the costimulatory molecule CD86+.** Bone Marrow Transplant. 2006 May;37(9):873-9. PubMed PMID: 16547488.

Bartunek J, Dimmeler S, Drexler H, Fernández-Avilés F, Galinanes M, Janssens S, Martin J, Mathur A, Menasche P, Priori S, Strauer B, Tendera M, Wijns W, Zeiher A; task force of the European Society of Cardiology. **The consensus of the task force of the European Society of Cardiology concerning the clinical investigation of the use of autologous adult stem cells for repair of the heart.** Eur Heart J. 2006 Jun;27(11):1338-40. Epub 2006 Mar 16. PubMed PMID: 16543252.

Martínez-Sellés M, Datino T, Bueno H. **Coronary care unit admission of very old patients with acute myocardial infarction.** Heart. 2006 Apr;92(4):549-50. PubMed PMID: 16537780; PubMed Central PMCID: PMC1860889.

Bardají A, Alonso J, García-Moll X, Bueno H. [Ischemic heart disease: 2005 update]. Rev Esp Cardiol. 2006;59 Suppl 1:3-19. Review. Spanish. PubMed PMID: 16537073.

Publicaciones científicas del Servicio de Cardiología

Hospital General Universitario Gregorio Marañón

Servicio Madrileño de Salud

Martínez-Sellés M, Muñoa MD, Martínez E, Fernández MA, García E. **The influence of sex on right ventricular dysfunction in patients with severely depressed left ventricular ejection fraction.** Eur J Heart Fail. 2006 Jun;8(4):400-3. Epub 2006 Feb 28. PubMed PMID: 16504576.

San Román JA, Fernández-Avilés F. **The role of noninvasive imaging techniques in the assessment of stem cell therapy after acute myocardial infarction.** Nat Clin Pract Cardiovasc Med. 2006 Mar;3 Suppl 1:S38-41. PubMed PMID: 16501629.

Sánchez PL, San Román JA, Villa A, Fernández ME, Fernández-Avilés F. **Contemplating the bright future of stem cell therapy for cardiovascular disease.** Nat Clin Pract Cardiovasc Med. 2006 Mar;3 Suppl 1:S138-51. Review. PubMed PMID: 16501622.

Revilla A, San Román JA, Fernández-Avilés F. Images in cardiology. **Aortopulmonary fistula in an acute aortic syndrome.** Heart. 2006 Mar;92(3):360. PubMed PMID: 16501198; PubMed Central PMCID: PMC1860799.

Cid J, Lozano M, Fernández-Avilés F, Carreras E, Pereira A, Mazzara R, Ordinas A. **Anti-D alloimmunization after D-mismatched allogeneic hematopoietic stem cell transplantation in patients with hematologic diseases.** Transfusion. 2006 Feb;46(2):169-73. PubMed PMID: 16441590.

Pérez-Simón JA, Sureda A, Fernández-Aviles F, Sampol A, Cabrera JR, Caballero D, Martino R, Petit J, Tomás JF, Moraleda JM, Alegre A, Cañizo C, Brunet S, Rosiñol L, Lahuerta J, Díez-Martín JL, León A, García A, Vazquez L, Sierra J, San Miguel JF; Grupo Español de Mieloma. **Reduced-intensity conditioning allogeneic transplantation is associated with a high incidence of extramedullary relapses in multiple myeloma patients.** Leukemia. 2006 Mar;20(3):542-5. PubMed PMID: 16408097.

Martínez-Sellés M, Datino T, Pello A. **Dipyridamole echocardiography test in patients with normal or near normal coronary arteries.** Eur Heart J. 2006 Feb;27(4):499; author reply 499-500. Epub 2005 Dec 16. PubMed PMID: 16361322.