



PROGRAMA

Hospital Clínic, Universitat de Barcelona
Paraninfo de la Facultat de Medicina


Moderadores: Antonio Berruezo y José M. Tolosana

- 16:00-16:10 Presentación Lluís Mont
Salutació Inaugural Prof. Josep M Campistol
- 16:10-16:30 Networking in research: The joys of good teams. Paulus Kirchhof
- 16:30-16:50 Historia Novelada de la Sección de Arritmias. Prof. Josep Brugada
- 16:50-17:10 Papel de la escuela Clínic en la electrofisiología latinoamericana. Dr. Luis Aguinaga
- 17:10-17:30 The future of Arrhythmia therapy. Gerhard Hindricks
- 17:30-17:50 Coffee Break

17:50-19:50 **Presentación de las "25 publicaciones más emblemáticas" fruto de estos 25 años de trabajo**

Moderadores: Elena Arbelo – Eduard Guasch

1. Brugada J, Mont L, **Figueiredo M**, Valentino M, Matas M, Navarro-López F. Enhanced detection criteria in implantable defibrillators. *J Cardiovasc Electrophysiol.* 1998 Mar; 9(3):261-8.
2. Mont L, **Valentino M**, Sambola A, Matas M, Aguinaga L, Brugada J. Arrhythmia recurrence in patients with a healed myocardial infarction who received an implantable defibrillator: analysis according to the clinical presentation. *J Am Coll Cardiol.* 1999 Aug; 34(2):351-7.
3. Brugada J, **Aguinaga L**, Mont L, Betriu A, Mulet J, Sanz G. Coronary artery revascularization in patients with sustained ventricular arrhythmias in the chronic phase of a myocardial infarction: effects on the electrophysiologic substrate and outcome. *J Am Coll Cardiol.* 2001 Feb; 37(2):529-33.
4. Mont L, **Sambola A**, Brugada J, Vacca M, Marrugat J, Elosua R, Paré C, Azqueta M, Sanz G. Longlasting sport practice and lone atrial fibrillation. *Eur Heart J.* 2002 Mar; 23(6):477-82.
5. **Josep Brugada**, Ramon Brugada, Charles Antzelevitch, Jeffrey Towbin, Koonlawee Nademanee and Pedro Brugada Long-Term Follow-Up of Individuals With the Electrocardiographic Pattern of Right Bundle-Branch Block and ST-Segment Elevation in Precordial Leads V1to V3. *Circulation.* 2002;105:73-78.
6. **Cuesta A**, Mont L, Rogel U, Valentino M, Matas M, Brugada J. Comparison of effectiveness of implantable cardioverter defibrillator in patients with idiopathic dilated cardiomyopathy versus those with proved coronary heart disease. *Am J Cardiol.* 2003 Nov 15; 92(10):1227-30.
7. **Berruezo A**, Mont L, Nava S, Chueca E, Bartholomay E, Brugada J. Electrocardiographic recognition of the epicardial origin of ventricular tachycardias. *Circulation.* 2004 Apr 20; 109(15):1842-7.
8. Díaz-Infante E, Mont L, Leal J, García-Bolao I, **Fernández-Lozano I**, Hernández-Madrid A, Pérez-Castellano N, Sitges M, Pavón-Jiménez R, Barba J, Cavero MA, Moya JL, Pérez-Isla L, Brugada J; SCARS Investigators. Predictors of lack of response to resynchronization therapy. *Am J Cardiol.* 2005 Jun 15; 95(12):1436-40.
9. Macías A, **García-Bolao I**, Díaz-Infante E, Tolosana JM, Vidal B, Gavira JJ, Berruezo A, Brugada J, Mont L. Cardiac resynchronization therapy: predictive factors of unsuccessful left ventricular lead implant. *Eur Heart J.* 2007 Feb; 28(4):450-6.
10. **Tolosana JM**, Berne P, Mont L, Heras M, Berruezo A, Monteagudo J, Tamborero D, Benito B, Brugada J. Preparation for pacemaker or implantable cardiac defibrillator implants in patients with high risk of thrombo-embolic events: oral anticoagulation or bridging with intravenous heparin? A prospective randomized trial. *Eur Heart J.* 2009 Aug; 30(15):1880-4.
11. **Tamborero D**, Mont L, Berruezo A, Matiello M, Benito B, Sitges M, Vidal B, de Caralt TM, Perea RJ, Vatasescu R, Brugada J. Left atrial posterior wall isolation does not improve the outcome of circumferential pulmonary vein ablation for atrial fibrillation: a prospective randomized study. *Circ Arrhythm Electrophysiol.* 2009 Feb;2(1):35-40.

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12. **Matiello M**, Nadal M, Tamborero D, Berruezo A, Montserrat J, Embid C, Rios J, Villacastín J, Brugada J, Mont L. Low efficacy of atrial fibrillation ablation in severe obstructive sleep apnoea patients. *Europace*. 2010 Aug; 12(8):1084-9.
 13. **Benito B**, Gay-Jordi G, Serrano-Mollar A, Guasch E, Shi Y, Tardif JC, Brugada J, Nattel S, Mont L. Cardiac arrhythmogenic remodeling in a rat model of long-term intensive exercise training. *Circulation*. 2011 Jan 4; 123(1):13-22.
 14. **Andreu D**, Berruezo A, Ortiz-Pérez JT, Silva E, Mont L, Borràs R, de Caralt TM, Perea RJ, Fernández-Armenta J, Zeljko H, Brugada J. Integration of 3D Electroanatomic Maps and Magnetic Resonance Scar Characterization into the Navigation System to Guide Ventricular Tachycardia Ablation. *Circ Arrhythm Electrophysiol*. 2011 Oct; 4(5):674-83.
 15. **Boersma LV**, Castella M, van Boven W, Berruezo A, Yilmaz A, Nadal M, Sandoval E, Calvo N, Brugada J, Kelder J, Wijffels M, Mont L. Atrial Fibrillation Catheter Ablation Versus Surgical Ablation Treatment (FAST): A 2-Center Randomized Clinical Trial. *Circulation*. 2012 Jan 3; 125(1):23-30.
 16. **Tolosana JM**, Arnau AM, Madrid AH, Macias A, Lozano IF, Osca J, Quesada A, Toquero J, Francés RM, Bolao IG, Berruezo A, Sitges M, Alcalá MG, Brugada J, Mont L; for the SPARE II investigators (Spanish Atrial Resynchronization Study II). Cardiac resynchronization therapy in patients with permanent atrial fibrillation. Is it mandatory to ablate the atrioventricular junction to obtain a good response? *Eur J Heart Fail*. 2012 Jun; 14(6):635-641.
 17. **Bisbal F**, Guiu E, Calvo N, Marin D, Berruezo A, Arbelo E, Ortiz-Pérez J, de Caralt TM, Tolosana JM, Borràs R, Sitges M, Brugada J, Mont L. Left Atrial Sphericity: A New Method to Assess Atrial Remodeling. Impact on the Outcome of Atrial Fibrillation Ablation. *J Cardiovasc Electrophysiol*. 2013 Jul; 24(7):752-9.
 18. **Guasch E**, Benito B, Qi X, Cifelli C, Naud P, Shi Y, Mighiu A, Tardif JC, Tadevosyan A, Chen Y, Gillis MA, Iwasaki YK, Dobrev D, Mont L, Heximer S, Nattel S. Atrial fibrillation promotion by endurance exercise: demonstration and mechanistic exploration in an animal model. *J Am Coll Cardiol*. 2013 Jul 2; 62(1):68-77.
 19. **Penela D**, Vans Taxis CV, Aguinaga L, Fernández-Armenta J, Mont L, Castel MA, Heras M, Tolosana JM, Sitges M, Ordóñez A, Brugada J, Zeppenfeld K, Berruezo A. Neurohormonal, Structural, and Functional Recovery Pattern after PVC Ablation Is Independent of Structural Heart Disease Status in Patients With Depressed Left Ventricular Ejection Fraction A Prospective Multicenter Study. *J Am Coll Cardiol*. 2013 Sep 24; 62.
 20. Arbelo E, Tolosana JM, **Trucco E**, Penela D, Borràs R, Doltra A, Andreu D, Aceña M, Berruezo A, Sitges M, Mansour F, Castel A, Matas M, Brugada J, Mont L. Fusion-Optimized Intervals (FOI): A New Method to Achieve the Narrowest QRS for Optimization of the AV and VV Intervals in Patients Undergoing Cardiac Resynchronization Therapy. *J Cardiovasc Electrophysiol*. 2014 Mar; 25(3):283- 92.
 21. **Doltra A**, Bijmens B, Tolosana JM, Borràs R, Khatib M, Penela D, De Caralt TM, Castel MA, Berruezo A, Brugada J, Mont L, Sitges M. Mechanical Abnormalities Detected With Conventional Echocardiography Are Associated With Response and Midterm Survival in CRT. *JACC Cardiovasc Imaging*. 2014 Oct; 7(10):969-79.
 22. **Khatib M**, Tolosana JM, Trucco E, Borràs R, Castel A, Berruezo A, Doltra A, Sitges M, Arbelo E, Matas M, Brugada J, Mont L. EAARN score, a predictive score for mortality in patients receiving cardiac resynchronization therapy based on pre-implantation risk factors. *Eur J Heart Fail*. 2014 Jul; 16(7):802-9.
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 24. Berruezo A1, **Fernández-Armenta J2**, Andreu D2, Penela D2, Herczku C2, Evertz R2, Cipolletta L2, Acosta J2, Borràs R2, Arbelo E2, Tolosana JM2, Brugada J2, Mont L2. Scar dechanneling: new method for scar-related left ventricular tachycardia substrate ablation. *Circ Arrhythm Electrophysiol*. 2015 Apr; 8(2):326-36.
 25. **Acosta J**, MD1; Fernández-Armenta J, MD, PhD1; Borràs R, MSc1; Anguera I, MD, PhD2; Bisbal F, MD3; Martí-Almor J, MD, PhD4; Tolosana JM, MD, PhD1; Penela D, MD1; Andreu D, MSc, PhD1; Soto-Iglesias D, MSc1; Evertz R, MD1; Matiello M, MD5; Alonso C, MD6; Villuendas R, MD3; de Caralt TM, MD, PhD7; Perea RJ, MD, PhD7; Ortiz JT, MD, PhD1; Bosch X, MD, PhD1; Serra L, PhD8; Planes X, MSc8; Greiser A, PhD9; Ekinci O, MD, MBA9,10; Lasalvia L, MD, MIB9; Mont L, MD, PhD1; Berruezo A, MD, PhD1. *JACC Imaging* 2017. Ahead of print . Scar characterization to predict life-threatening Arrhythmic events and sudden cardiac death in Cardiac Resynchronization Therapy patients. The GAUDI-CRT study

19:50-20:00 Despedida

21:00-23:00 Cena de celebración del 25 Aniversario de la Sección de Arritmias del Hospital Clínic de Barcelona.