

Elections to EACVI Board and Sections 2016-2018

**Application for the position:
Member of the Nucleus of the
Echocardiography Section**



1. Your Identity

Title: Professor

**Family Name(s): Marta
First Name(s): Sitges**

Birth Date: June 23rd 1969

**Type of address:
Business:
Villarroel 170
08036 Barcelona, Spain**

**Home:
Pau Claris 119
08009 Barcelona, Spain**

**Institute/Organisation:
Hospital Clinic
University of Barcelona**

Department: Cardiovascular Institute

**Address:
Villarroel 170
Post Code/Zip: 08009**

City: Barcelona

Country: Spain

Elections to EACVI Board and Sections 2016-2018

2. General Curriculum Vitae (300 words max)

Marta Sitges completed her degree in Medicine and Surgery in the Universitat Autònoma de Barcelona in 1993. Since that period she has stayed at the Hospital Clínic (Barcelona, Spain) as resident, research fellow and then as a permanent staff cardiologist. She also visited the Cardiovascular Imaging Center at the Cleveland Clinic Foundation, USA, during a 1-year fellowship in 2000 focusing in echocardiography. In 2003, she obtained her PhD degree from the Universitat de Barcelona, Spain, on the effects of hormonal replacement therapy on vascular reactivity. Her main research interests currently consist in cardiac imaging, resynchronization therapy, valve heart disease and cardiac remodelling. She has published more than 200 peer reviewed papers, presented more than 200 lectures in National and International meetings, written more than 20 book chapters, received 50 grants and prizes (12 as Principal Investigator) and supervised 9 completed and 3 ongoing PhD thesis. She is also referee for most of the principal cardiovascular journals and Associate Professor of Medicine at the University of Barcelona since 2011. She has participated in several clinical studies including echocardiography with core lab referral. She has been staff cardiologist since 2001 at the Cardiovascular Institute in Hospital Clínic in Barcelona, Coordinator of the Sports Cardiology group (in collaboration with FC Barcelona), Head of the Cardiac Imaging Section from 2013 to 2015 and she is currently the Director of the Cardiovascular Institute since October 2015.

Elections to EACVI Board and Sections 2016-2018

3. Previous experience(s) in the EACVI or ESC or your National Bodies?

- Board member of the Spanish National Section of Cardiac Imaging (spanish Society of Cardiology) from October 2002 to October 2005
- Board member (secretary) of the Catalan Society of Cardiology from June 2003 to June 2006
- Regular invited speake/chairperson (Faculty) at the Euroecho Congress in the last 10 years
- Coauthorship in scientific statements/articles/books from the EACVI:

Pepi M, Evangelista A, Nihoyannopoulos P, Flachskampf FA, Athanassopoulos G, Colonna P, Habib G, Ringelstein EB, Sicari R, Zamorano JL, **Sitges M**, Caso P. Recommendations for echocardiography use in the diagnosis and management of cardiac sources of embolism: European Association of Echocardiography (EAE) (a registered branch of the ESC). *Eur J Echocardiogr.* 2010;11(6):461-76

Donal E, Lip GY, Galderisi M, Goette A, Shah D, Marwan M, Lederlin M, Mondillo S, Edvardsen T, **Sitges M**, Grapsa J, Garbi M, Senior R, Gimelli A, Potpara TS, Van Gelder IC, Gorenek B, Mabo P, Lancellotti P, Kuck KH, Popescu BA, Hindricks G, Habib G; Document Reviewers: For EACVI:, Cardim NM, Cosyns B, Delgado V, Haugaa KH, Muraru D, Nieman K; For EHRA:, Boriani G, Cohen A. EACVI/EHRA Expert Consensus Document on the role of multi-modality imaging for the evaluation of patients with atrial fibrillation. *Eur Heart J Cardiovasc Imaging.* 2016;17:355-83.

M Sitges, GA Derumeaux. Cardiac resynchronization therapy: Optimization and Follow-up. In Zamorano J, Bax JJ, Rademakers FE, Knuuti J "The European Society of Cardiology Textbook of Cardiovascular Imaging", Springer-Verlag, London 2010. ISBN 978-1-84882-420-1

M Sitges, GA Derumeaux. "Cardiac resynchronization therapy: Optimization and Follow-up". In Zamorano J, Bax JJ, Knuuti J, Sechtem U, Lancellotti P, Badano L. "The European Society of Cardiology Textbook of Cardiovascular Imaging", Second Edition, Oxford University Press, Oxford, UK. 2015. ISBN 978-0-19-870334-1

4. Are you a Board or Nucleus Member of another scientific organisation? If Yes, please specify

Board Director, Heart Valve Society, since October 2014. <http://heartvalvesociety.org>

Elections to EACVI Board and Sections 2016-2018

5. Publications (please list 10 max)

1. **M.Sitges**, C.Paré, M.Azqueta, X. Bosch, F.Miranda-Guardiola, M.Velamazán, J.Magriñá, G.Sanz. Feasibility and prognostic value of dobutamine-atropine stress echocardiography early in unstable angina . *Eur Heart J* 2000;21:1063-71.
2. **M Sitges**, M Jones, T Shiota, DL Prior, JX Qin, H Tsujino, F Bauer, YJ Kim, D Deserrano, NL Greenberg, LA Cardon, AD Zetts, MJ Garcia, JD Thomas. Interlasing Distance of the Flow Convergence Surface for Determining Mitral Regurgitant Volume: A Validation Study in A Chronic Animal Model. *J Am Coll Cardiol* 2001; 38:1195-202.
3. **M Sitges**, M Heras, E Roig, M Durán, M Masotti, MJ Zurbano, M Roqué, G Sanz. Acute and mid-term combined hormone replacement therapy improves endothelial function in postmenopausal women with angina and angiographically normal coronary arteries. *Eur Heart J* 2001;22:2116-24.
4. **Sitges M**, Jones M, Shiota T, Qin JX, Tsujino H, Bauer F, Kim YJ, Agler DA, Cardon LA, Zetts AD, Panza JA, Thomas JD. Real-time Three-dimensional Color-Doppler Evaluation of the Flow Convergence Zone for Quantification of Mitral Regurgitation: Validation Experimental Animal Study and Initial Clinical Experience. *J Am Soc Echocardiogr* 2003;16:38-45.
5. **M Sitges**, JX Qin, HM Lever, F Bauer, JK Drinko, DA Agler, SR Kapadia, EM Tuzcu, NG Smedira, BW Lytle, JD Thomas, T Shiota. Evaluation of Left Ventricular Outflow Tract Area After Septal Reduction in Obstructive Hypertrophic Cardiomyopathy: A Real-time Three-dimensional Echocardiographic Study. *Am Heart J* 2005;150:852-8.
6. Vidal B, **Sitges M**, Marigliano A, Delgado V, Díaz-Infante E, Azqueta M, Tamborero D, Tolosana JM, Berruezo A, Pérez-Villa F, Paré C, Mont L, Brugada J. Optimizing the Programation of Cardiac Resynchronization Therapy Devices in Patients With Heart Failure and Left Bundle Branch Block. *Am J Cardiol.* 2007;100:1002-1006.
7. **M Sitges**, B Vidal, V Delgado, L Mont, A Garcia-Alvarez, JM. Tolosana, A Castel, A Berruezo, M Azqueta, C Pare, J Brugada. Long-Term Effect of Cardiac Resynchronization Therapy on Functional Mitral Valve Regurgitation. *Am J Cardiol* 2009; 104(3):383-8
8. Doltra A, Bijnens B, Tolosana JM, Borràs R, Khatib M, Penela D, De Caralt TM, Castel MÁ, 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.
9. Sanz de la Garza M, Grazioli G, Bijnens BH, Pajuelo C, Brotons D, Subirats E, Brugada R, Roca E, **Sitges M**. Inter-individual variability in right ventricle adaptation after an endurance race. *Eur J Prev Cardiol.* 2016;23:1114-24
10. Sanz-de la Garza M, Grazioli G, Bijnens BH, Sarvari SI, Guasch E, Pajuelo C, Brotons D, Subirats E, Brugada R, Roca E, **Sitges M**. Acute, Exercise Dose-Dependent Impairment in Atrial Performance During an Endurance Race: 2D Ultrasound Speckle-Tracking Strain Analysis. *JACC Cardiovasc Imaging.* 2016 Aug 11. pii: S1936-878X(16)30463-6. doi: 10.1016/j.jcmg.2016.03.016

Elections to EACVI Board and Sections 2016-2018

6. Received Hirsch Index : Year / Index

H index 25 (2016)

7. Received Impact Factor(s) : Year / IF

Cumulated Impact Factor: 870 (2016)

8. Why are you interested in joining the EACVI Board (150 words max)?

Joining the EACVI represents a unique opportunity to work with a group of professionals with expertise and interest on the development of echocardiography. Serving as a member of the board provides the opportunity to be part of this progress and also in the teaching of this marvellous imaging technique that has changed our cardiology and medicine practice. Being part of such an outstanding organization is a way to learn more from these professionals by sharing our experiences and opinions. Also, after more than 15 years devoted to the field of echocardiography, my experience can be useful for young people starting on the field, but also to promote the development of echocardiography as well as to widen, even more, its use and applications in clinical and research settings. I am willing to work hard to keep echocardiography in the centre of Cardiology practice and research in Europe for the upcoming years.



European Association of Cardiovascular Imaging

A Registered Branch of the ESC

*To promote excellence in clinical diagnosis, research, technical development,
and education in cardiovascular imaging in Europe.*

