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PhD in Medical Sciences  
2017-2018

INVITATION to the Public defence of

**Moisés Rodríguez-Mañero**

To obtain the academic degree of '**DOCTOR IN MEDICAL SCIENCES**'

**New insights in risk stratification and management of patients with Brugada Syndrome.**

**Thursday 6 September 2018**

Auditorium **Piet Brouwer**, 17:00  
Faculty of Medicine and Pharmacy, Laarbeeklaan 103, 1090 Brussel

How to reach the campus Jette:

<http://www.vub.ac.be/english/infoabout/campuses>

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## Summary of the dissertation

The present work provides an update on the risk stratification and management of patients with Brugada syndrome. We have tried to cover several aspects not completely known regarding the management of patients with Brugada syndrome. First of all, we aim to assess the prevalence of the diagnosis of atrial fibrillation previous to the identification of Brugada syndrome in a large cohort of patients. We also reviewed their demographic and clinical characteristics. We also aim to evaluate the frequency of clinical events during pregnancy and the peripartum period. Next, we compare the incidence of T-wave oversensing in patients with Brugada syndrome according to the type of ICD lead (integrated bipolar [coil plus distal lead electrode] versus dedicated bipolar).

In the present work it is also described the incidence of MVT in a large cohort of patients with Brugada syndrome implanted with an ICD and subsequently followed-up in referral centers. Finally, we try to evaluate the change of their characteristics over time.

From our point of view these are crucial points that should be known for all those professionals in charge of management of patients with this lethal disease.

## Curriculum Vitae

Moisés Rodríguez-Mañero was born on the 4 November 1980 in Ourense, Spain. He followed his medical studies in the University of Navarra, where he obtained his degree in 2004. In 2005 he started his Cardiology training in the Clínica Universidad de Navarra, finishing this training in 2010. During these years he obtained a master degree in Statistics at the Autonomous University of Barcelona (Spain). In January 2011, by means of a post-residency grant for international research from the European Heart Rhythm Association (EHRA, Training Fellowship Program), he performed his training in electrophysiology at the Heart Rhythm Management Centre, UZ Brussel, completing it in December 2011. He worked as electrophysiologist in Hospital Clínico Universitario Santiago de Compostela between 2012 and 2014. Afterwards, in 2015, he joined as a research fellow, to the Cardiac Electrophysiology team at the Houston Methodist DeBakey Heart & Vascular Center. In 2016 he joined again the electrophysiology team Hospital de Santiago de Compostela where he works as staff member and coordinates the cardiovascular research area. This year he obtained a PhD in Medical Sciences by the University of Santiago de Compostela. His scientific interest focuses in sudden cardiac death and primary arrhythmic diseases. He has published more than 100 scientific articles in international peer reviewed journals.