INTRODUCTION

We are pleased to welcome you to this international course on cardiac anatomy for electrophysiologists, which will take place in Madrid in Madrid, at Hospital Universitario Quirón on the 4th and 5th of February, 2013.

The rapid development of interventional procedures for the treatment of arrhythmias in humans, especially the use of catheter ablation techniques, has renewed the interest in cardiac anatomy.

Effective and safer catheter-based procedures have to come from a better understanding of not only the gross anatomic details of the heart, but also from some architectural and histological features of various cardiac regions and their neighboring landmarks.

This course is designed to provide the basic anatomic information including live demonstration on human specimens and electrophysiological correlates needed to understand mapping and ablative procedures for cardiac interventional electrophysiologist. We wish you a successful meeting.

Prf. J.A. Cabrera / Prf. S.J. Asirvatham / Prf. D. Sánchez-Quintana
### SCIENTIFIC PROGRAMME

**Monday, February 4, 2013**

14:30 -15:30h. Registration and Reception

15:30 -16:00h. Development of the heart for the electrophysiologist

16:00 - 16:30h. Spatial locations of the cardiac chambers during an electrophysiological study. Anatomy and imaging

16:30 -17:45h. The right atrium. Correlative anatomy and electrophysiology
  - The terminal crest and the region of the sinus node
  - The right atrial isthmus and its determinant for atrial flutter ablation
  - Architectural insights of the AV junction for catheter ablation

17:45 -18:00h. Coffee Break

18:00 -18:30h. Anatomy of the Coronary Sinus and Epicardial Coronary Venous System

18:30 -19:30h. Anatomical basis for preexcitation
  - Septal AV Accessory Pathway: anatomy, causes for difficulty

19:30 - 20:30h. Workshop: Attendees hands-on with specimens. Clinical correlates with epicardial ablation

20:30h. Group Dinner

**Tuesday, February 5, 2013**

09:00 - 09:20h. The interatrial septum. Transeptal puncture to access the LA

09:20 - 10:30h. The left atrial anatomy relevant to catheter ablation

10:30 - 10:45h. Coffee Break

10:45 - 12:00h. The right and left ventricles: anatomical and electrophysiological correlates
  - The ventricular outflow tracts tachycardias
  - The supravalvular arrhythmias

12:00 -14:00h. Workshop: Attendees hands-on with specimens. Clinical correlates

14:00 -14:30h. Lunch

14:30 - 15:30h. The neighboring structures of the heart. Avoiding the complications

15:30 - 16:00h. Discussion and Concluding Remarks

### GENERAL INFORMATION

**Logistic and Registration**

[www.cardianatomyforelectrophysiologists.com](http://www.cardianatomyforelectrophysiologists.com)

E-mail: Cardiologia.mad@quiron.es

**Congress Venue**

Hospital Universitario Quirón -Madrid
C/ Diego de Velázquez, 1
28223 Pozuelo de Alarcón, Madrid
902 151 016 - 917 992 380

Access:

- **From M-40**: Take exit 36 towards City Image and follow the M-511. At the second roundabout take the left, Casablanca Avenida, and turn again the first right, on Calle Diego de Velázquez.

- **From M-500**: Carretera de Castilla: Merge onto M-503, Avenida de Castilla, and turn left at the third roundabout onto the M-502, Carretera de Carabanchel. At the fourth roundabout turn right on Avenida de la Carrera.
Public Transport


• By Bus: Bus line 562 (Intercambiador de Aluche)

• By Metro Ligero: Line 2. Prado de la Vega (in front of Hospital Quirón)

Accommodation

I-Hotel
Calle Virgilio nº4, Pozuelo de Alarcón
Madrid.
www.eurostarsihotel.com