

# **Master of advanced cardiac surgery**

Department of Cardiac Surgery.  
Cardiovascular Institute.  
Hospital Clínico San Carlos.  
Madrid, 15-16 October , 2019.

## **Course Directors**

**Luis Maroto.** Hospital Clínico San Carlos. Madrid, Spain  
**Roberto Di Bartolomeo.** St. Orsala Hospital. University of Bolonia. Italy

## **Course Co-Directors**

**Javier Cobiella.** Hospital Clínico San Carlos. Madrid, Spain  
**Manuel Carnero.** Hospital Clínico San Carlos, Spain  
**Fernando Reguillo.** Hospital Clínico San Carlos. Madrid, Spain

## **European Faculty.**

**Neil Moët.** Abbott  
**Andrea Colli.** University of Padova Medical School. Padova, Italy.  
**Alberto Weber.** University Hospital. Zurich, Switzerland  
**Stefano Benussi.** Spedali Civili di Brescia University Hospital. Brescia, Italy  
**Alberto Barosi.** Azienda Ospedaliera Niguarda Ca' Granda. Milano. Italy

## **National Faculty**

**José Garrido.** Hospital Virgen de las Nieves. Granada  
**Miguel Angel Gómez Vidal.** Hospital Universitario Puerta del Mar. Cádiz  
**Juan José Legarra.** Hospital Álvaro Cunqueiro. Vigo

## **Local Faculty**

**Isidre Vilacosta.** Hospital Clínico San Carlos. Madrid, Spain  
**Julian Villacastin.** Hospital Clínico San Carlos. Madrid, Spain  
**Lourdes Montero.** Hospital Clínico San Carlos. Madrid, Spain  
**Julio Mayol.** Hospital Clínico San Carlos. Madrid, Spain  
**Luis Nombela.** Hospital Clínico San Carlos. Madrid, Spain  
**Juan José González Ferrer.** Hospital Clínico San Carlos  
**Enrique Villagran.** Hospital Clínico San Carlos. Madrid, Spain  
**David Vivas.** Hospital Clínico San Carlos. Madrid, Spain  
**Daniel Pérez Camargo.** Hospital Clínico San Carlos. Madrid, Spain

## **Day 1: Tuesday 15**

**Opening (08:00-08:10)**

**Dr. L.Maroto/Dr. R. Di Bartolomeo**

Welcome to Master of Advanced Cardiac Surgery  
Dr. Roberto Di Bartolomeo

**Session I. Aorta (08:10-13:30)**

**Moderators: Dr. I. Vilacosta/ Dr. R. Di Bartolomeo**

- Cases presentation and Heart Team  
Dr. Pérez Camargo

***Live case 1. E-vita (Dr. L. Maroto)***

***Live case 2. Thoraflex (Dr. R. Di Bartolomeo)***

- The role of multidisciplinary teams in the treatment of thoracic aorta diseases.  
Dr. I. Vilacosta
- Frozen elephant trunk to treat complex aortic diseases  
Dr. Di Bartolomeo

***Coffee***

- Hybrid approach in complex thoracic aortic disease  
Dr. L. Maroto
- Treatment of descending thoracic aorta  
Dr. Legarra

**-Discussion  
Speakers**

***Lunch***

## **Session II. Advanced treatment for heart valvular disease** (14:30-18:00)

**Moderators:** Dr. N. Moët / Dr. L. Maroto

- Case presentation and Heart Team  
Dr. L. Montero

### ***Live case 3: Neochord (Dr. J. Cobiella)***

- New devices for MV repair/replacement: what we have know, what we can expect from the future.  
Dr. N. Möet
- What do we need to know from imaging diagnosis to perform new MV repair procedures?  
Dr. A. Barosi
- Experience in DaVinci  
Dr. A. Weber

### ***Coffee***

- Four years results and clinical outcomes with NeoChord  
Dr. A. Colli

- Discussion  
Speakers

### ***Dinner***

## **Day 2: Wednesday 16**

## **Session III. Atrial fibrillation procedure (Maze IV)** (08:00-13:30)

**Moderators:** Dr. S. Benussi / Dr. J. Villacastín

- Case presentation and Heart Team.  
Dr. E. Villagrán

***Live case 4: Surgery of atrial fibrillation with the placing of an Atriclip  
(Dr. M. Carnero)***

-The boundary of percutaneous ablation of AF. Where is the end of catheter and the beginning of Knife?

Dr. J. J González

***Coffee***

-Feasibility of stand alone surgery for Atrial Fibrillation

Dr. S. Benussi

-The importance of appendage closure. Atriclip.

Dr. M. Carnero

-Discussion

Speakers

Big data in cardiovascular disease

Dr. J Mayol

***Lunch***

**Session IV- Comprehensive management of aortic valve pathology  
(14:30-18:00)**

Moderators: Dr. L. Maroto / Dr. F. Reguillo

-Cases presentation and Heart Team

Dr. E. Villagrán

***Live case 5. SVAo (Dr. M. Carnero)***

***Live case 6. TAVI axilar . Portico. (Dr. J. Cobiella)***

-Comprehensive management of aortic stenosis in asymptomatic patients .

Dr. D. Vivas

-TAVI: Where are we?

Dr. L. Nombela

-TAVI: alternative to transfemoral approach.

Dr. M. Gómez

***Coffee***

- The role of the cardiac surgeon in the TAVI procedure

Dr. J. Garrido

- Discussion

Speaker

Adjourn