COURSE PROGRAMME

The course will run from 9-11 November 2015

MONDAY 9 NOVEMBER (Medical School, 3rd Floor, University of Barcelona)

Session 1: Remembering and Refreshing
Moderators: R Klautz, Leiden; R Lange, Munich; J L Pomar, Barcelona

12:45 Introduction and course objectives
J L Pomar & M Sitges, Barcelona

13:00 The institute at the Hospital Clinic and University of Barcelona
J L Pomar, Barcelona

13:20 Mitral valve anatomy for cardiologists and surgeons
M Sitges, Barcelona

13:45 Mitral valve pathology: Types and prevalence
M Sitges, Barcelona

14:30 Diagnosis tools and their role in 2015
J Bermejo, Madrid

15:00 Improving valve repair through a port: from dream to reality
H Vanermen, Brussels

15:20 Break

15:45 Round table: General indications for mitral intervention
Differentiating the pathologies: tips and tricks
M Sitges, Barcelona
Severity of mitral regurgitation in degenerative and functional
J Bermejo, Madrid
Are indications the same for all pathologies?
A Berrebi, Paris
Where should a complex mitral valve repair be done?
R Klautz, Leiden
Is minimally invasive cardiac surgery a limitation for complex repairs?
H Vanermen, Brussels

16:45 Round table: Surgical approaches
From the Alfieri Stitch to the Mitraclip
X Freixa, Barcelona
The classic mid-sternotomy approach
F Wells, Cambridge
Do we need a full sternotomy or is it a matter of habit?
R Lange, Munich
The Thru Port method principles
D Pereda, Barcelona
Should you know something about robotics?
E Quintana, Barcelona

Guest Lecture
Gaudi, his work and the mitral valve
F Wells, Cambridge

18:15 Take home message and adjourn
J L Pomar, Barcelona

TUESDAY 10 NOVEMBER (Hotel Hesperia Presidente)

Session 2: The minimal skills required for an adequate simple mitral valve repair
Moderators: R Klautz, Leiden; R Martin, Atlanta; J L Pomar,
Barcelona

Mandatory echocardiographic principles and the approaches that need to be mastered: **Three rotating workshops**

**Group A:** Six views that will remain with you a lifetime
*A Berrebi, France; R Martin, Atlanta; M Sitges, Barcelona*

**Group B:** Hands-on implantation of an annuloplasty ring and artificial chords (Wetlab)
*R Klautz, Leiden; M Castella & J L Pomar, Barcelona; F Wells, Cambridge*

**Group C:** Preparing the patient and the techniques for a minimally invasive approach (PA lab)
*L Muller, Innsbruck; S Canovas, Murcia; D Pereda, Barcelona; E Quintana, Barcelona, H Vanermen, Brussels*

* Approx. 60 minutes per workshop. All attendees will participate in each workshop

**13:00 Lunch (Medical School, 3rd Floor, University of Barcelona)**

**Session 3: Practical tips and tricks on where and what to use**
*Moderators: M Castella & M Murtra Barcelona; R Martin, Atlanta*

14:00 The complete evaluation of your mitral patients
*M Sitges, Barcelona*

14:20 Current indications of mitral valve repair in 2015
*R Lange, Munich; R Martin, Atlanta*

14:40 The valve analysis by echo: once more is basic and mandatory
*A Berrebi, France*

15:00 Valve analysis in the operating room: what not to miss
*F Wells, Cambridge*

15:20 **Break**

15:40 How do I repair the most common P2 prolapse?
*R Klautz, Leiden*

16:00 Rings? - the different proposals we have in our armamentarium
*S Canovas, Murcia*

16:20 How I do implant an annuloplasty ring?
*J L Pomar, Barcelona*

16:40 Outcomes of mitral valve repair in degenerative disease
*R Lange, Munich; R Martin, Atlanta*

17:00 Shall I go back to pump or shall I neglect this residual mitral regurgitation?
*A Berrebi, Paris*

**Guest Lecture**

17:20 Mitral valve repair is today a subspecialty of cardiothoracic surgery
*D Adams, New York*

18:00 Logistics, take home message and adjourn
*J L Pomar, Barcelona*

**WEDNESDAY 11 NOVEMBER (Medical School, 3rd Floor, University of Barcelona)**

**Session 4: Starting a heart valve clinic, surgical and live cases**
*Moderators: S Canovas, Murcia; R Martin, Atlanta; E*
Quintana, Barcelona

08:30 Tricuspid valve disease. Assessment of pathology  
M Sitges, Barcelona
09:00 Repairing the tricuspid valve. Rings, sutures and other magic tricks  
D Adams, New York
09:30 **Live case transmission**: P2 open repair  
M Castellá, Barcelona; R Klautz, Leiden
10:00 **Live-in-a-box**: When a so called “Barlow” may be an easier case to repair  
D Adams, New York
10:20 The importance of a valve clinic and how to manage it as a team  
A Berrebi, Paris
10:40 **Live case transmission**: Posterior leaflet repair  
D Pereda, Barcelona; H Vanermen, Brussels

**Break (optional)**

11:15 Minimally invasive cardiac surgery is the future  
L Muller, Innsbruck
11:35 Is percutaneous mitral valve replacement a technique to be learnt?  
X Freixa, Barcelona
11:55 **Live-in-a-box**: Surgeons may incorporate many percutaneous techniques  
R Lange, Munich
12:15 **Farewell Lecture**: Functional mitral incompetence: When and what to do?  
R Klautz, Leiden
12:45 Take home global message and adjourn  
R Lange, Munich; M Sitges, Barcelona

*The above programme and faculty are subject to change*