

**THURSDAY 14 MARCH**

- 08:30 Arrival and registration
- 09:15 Welcome and introduction
- Session 1 – Introduction to thoracic aortic diseases and surgical repair**
- 09:20 Standards of reporting in aortic surgery  
*EBCTS blueprinting 2.5.1, 2.5.5, 2.5.6, 2.5.18, 2.5.9, 2.5.20, 2.5.23*
- 09:40 Biomarkers and their usefulness in acute and chronic aortic pathology  
*EBCTS blueprinting 2.5.3, 2.5.11*
- 10:00 Arterial access options for CPB  
*EBCTS blueprinting 2.5.13, 2.5.14, 2.5.15, 2.5.16, 2.5.22, 2.5.23, 2.2.16*
- 10:20 Cerebral protection strategies and evidence  
*EBCTS blueprinting 2.5.14, 2.5.21, 2.5.22, 2.2.2, 2.2.5*
- 10:40 Spinal cord and visceral protection in thoraco-abdominal  
*EBCTS blueprinting 2.5.14, 2.5.15, 2.5.16, 2.5.17, 2.5.22*
- 11:00 **Break**
- Session 2 – Proximal thoracic aortic surgery**
- 11:30 Embriology, physiology and the hemodynamic of the aortic root  
*EBCTS blueprinting 2.5.1, 2.5.2, 2.5.3, 2.4.1, 2.4.4, 2.4.7*
- 12:00 Guidelines for a timely surgical indication in bicuspid and tricuspid aortic valve  
*EBCTS blueprinting 2.4.7*
- 12:20 **The Bentall procedure**  
Keynote lecture  
Live-in-a-box surgical case  
Discussion  
*EBCTS blueprinting 2.4.5, 2.4.22, 2.5.23*
- 12:40 **The aortic valve sparing operations: Re-modelling and re-implantation procedure**  
Keynote lecture  
Live-in-a-box surgical case  
Discussion  
*EBCTS blueprinting 2.4.5, 2.4.22, 2.5.23*
- 13:00 **Lunch**
- 14:00 How to deal with regular and challenging cases: Case presentation, discussion with the audience and presenting the solution
- Session 3 – Arch and thoraco-abdominal surgery**
- 14:30 Guidelines for arch and thoraco abdominal aortic pathologies  
*EBCTS blueprinting 2.5.6, 2.5.9*
- 14:50 **Arch replacement without elephant trunk**  
Keynote lecture  
Live-in-a-box surgical case  
Discussion  
*EBCTS blueprinting 2.5.13, 2.5.14, 2.5.15, 2.5.21, 2.5.22, 2.5.23*

- 15:10 **Frozen and classic elephant trunk**  
 Keynote lecture  
 Live-in-a-box surgical case  
 Discussion  
[EBCTS blueprinting 2.5.13, 2.5.14, 2.5.15, 2.5.21, 2.5.22, 2.5.23, 2.5.24](#)
- 15:30 **Various forms of hybrid arch repair**  
 Keynote lecture  
 Live-in-a-box surgical case  
 Discussion  
[EBCTS blueprinting 2.5.13, 2.5.14, 2.5.15, 2.5.21, 2.5.22, 2.5.23, 2.5.24](#)
- 15:50 **Surgical techniques in thoracoabdominal disease**  
 Keynote lecture  
 Live-in-a-box surgical case  
 Discussion  
[EBCTS blueprinting 2.5.13, 2.5.14, 2.5.15, 2.5.21, 2.5.22, 2.5.23](#)
- 16:10 How to deal with regular and challenging cases: Case presentation, discussion with the audience and presenting the solution
- 16:40 **Break**  
***Session 4 – Aortic dissection***
- 17:10 Acute type A aortic dissection: Definition, classification and classical management  
[EBCTS blueprinting 2.5.2, 2.5.3, 2.5.4, 2.5.8, 2.5.9](#)
- 17:25 How to best approach malperfusion in acute aortic dissection  
[EBCTS blueprinting 2.5.13, 2.5.14, 2.5.15, 2.5.16, 2.5.22, 2.5.23, 2.5.19, 2.5.25](#)
- 17:40 Management of the aortic root and aortic arch in acute aortic dissection  
[EBCTS blueprinting 2.5.13, 2.5.14, 2.5.15, 2.5.16, 2.5.22, 2.5.23, 2.2.16](#)
- 17:55 Acute dissection in patients with connective tissue diseases: What are the differences in strategy?  
[EBCTS blueprinting 2.5.2, 2.5.3, 2.5.4, 2.5.5, 2.5.6, 2.5.7, 2.5.9, 2.5.21](#)
- 18:10 Group discussion
- 18:30 **Close**

**FRIDAY 15 MARCH**

- Session 5 – Peculiar aspects of aortic surgery***
- 09:00 Strategy for the treatment of an infected aortic graft prosthesis  
[EBCTS blueprinting 2.5.9, 2.5.18, 2.5.25](#)
- 09:15 How to deal with a small aortic annulus. Techniques of aortic root enlargement  
[EBCTS blueprinting 2.4.6, 2.4.9, 2.4.14, 2.4.15, 2.4.20, 2.4.21, 2.5.23](#)
- 09:30 Group discussion  
***Session 6 – Thoracic endovascular aortic repair***
- 09:45 How to build an endovascular programme  
[EBCTS blueprinting 1.1.1](#)

- 10:00 Overview of wires, catheters, sheaths and introducers  
*EBCTS blueprinting 2.5.4, 2.5.5, 2.5.12, 2.5.13, 2.5.15, 2.5.24*
- 10:15 Landing and sealing zone  
*EBCTS blueprinting 2.5.4, 2.5.5, 2.5.12, 2.5.13, 2.5.15, 2.5.24*
- 10:45 Planning of TEVAR procedures  
*EBCTS blueprinting 2.5.4, 2.5.5, 2.5.12, 2.5.13, 2.5.15, 2.5.24*
- 11:00 Group discussion
- 11:10 **Break**
- 11:40 **TEVAR in acute and chronic type B dissection**  
Keynote lecture  
Clinical examples  
*EBCTS blueprinting 2.5.4, 2.5.5, 2.5.12, 2.5.13, 2.5.15, 2.5.23, 2.5.24*
- 12:00 **Arch- Total endovascular repair**  
Keynote lecture  
Live-in-a-box surgical case  
*EBCTS blueprinting 2.5.4, 2.5.5, 2.5.12, 2.5.13, 2.5.15, 2.5.23, 2.5.24*
- 12:20 **Thoraco-abdominal. When to use fenestrated and branched grafts**  
Keynote lecture  
Live-in-a-box surgical case  
*EBCTS blueprinting 2.5.4, 2.5.5, 2.5.12, 2.5.13, 2.5.15, 2.5.23, 2.5.24*
- 12:40 Group discussion
- 13:00 **Lunch**
- Session 7 – Wetlab**
- 14:00 Annulus enlargement  
*EBCTS blueprinting 2.4.6, 2.4.9, 2.4.14, 2.4.15, 2.4.20, 2.4.21, 2.4.26, 2.5.23*
- 15:30 **Break**
- 16:00 Re-implantation/re-modelling  
*EBCTS blueprinting 2.4.5, 2.4.22, 2.5.23*
- 18:00 **Close**

## SATURDAY 16 MARCH

### **Session 8 – TEVAR training simulation session**

- 09:00 Workstation planning:  
Deployment in experimental model/simulator  
*EBCTS blueprinting 2.5.4, 2.5.5, 2.5.12, 2.5.13, 2.5.15, 2.5.23, 2.5.24*
- 10:30 **Break**
- 11:00 Workstation planning:  
Deployment in experimental model/simulator  
*EBCTS blueprinting 2.5.4, 2.5.5, 2.5.12, 2.5.13, 2.5.15, 2.5.23, 2.5.24*
- 13:00 **Lunch and close**