EACVI Teaching Course on Transoesophageal 2D and 3D Echocardiography

- 21-23 October -

Hermitage Hotel, Prague

Course Directors
Nina Ajmone Marsan (NL), Erwan Donal (FR), Bogdan A. Popescu (RO)

Faculty Members
Denisa Muraru (IT), Maria Magdalena Gurzun (RO), Valentina Volpato (IT)

Course Programme

Day 1 – Friday 21 October  Basic Course

09:00-10:00  Registration

10:00-10:10  Welcome and Introduction of the Basic course – B. A. Popescu, E. Donal, N. Ajmone Marsan

Session I: Basics of transesophageal echocardiography – Chairpersons: B. A. Popescu, N. Ajmone Marsan
10:10-10:40  EACVI recommendations on procedure, safety issues and reporting – B. A. Popescu
10:40-11:10  Introduction to TOE: added value and clinical indications (case-based) – E. Donal
11:10-11:40  Standard TOE views, applied physics and image optimization – D. Muraru

11:40-13:00  Hands-on sessions
➢ Intelligent Ultrasound TOE Simulators – E. Donal, N. Ajmone Marsan
➢ GE Scanner: Knobology and TTE hands-on – B. A. Popescu
➢ Philips Scanner: Knobology and TTE hands-on – M. Gurzun

13:00-14:00  Lunch break

Session II: Basic applications of transesophageal echocardiography - Chairpersons: E. Donal, D. Muraru
14:00-14:30  Mitral valve anatomy and function assessment – N. Ajmone Marsan
14:30-15:00  Aortic valve anatomy and function assessment – E. Donal
15:00-15:30  Tricuspid and pulmonary anatomy and function assessment – V. Volpato
15:30-16:00  Coffee break

16:00-18:00  Hands-on sessions
➢ Intelligent Ultrasound TOE Simulators – E. Donal, M. Gurzun, B. A. Popescu
➢ GE Scanner: Knobology and TTE hands-on – D. Muraru
➢ Philips Scanner: Knobology and TTE hands-on – V. Volpato

Day 2 – Saturday 22 October  Advanced Course

08:00-08:25  Registration

08:25-08:30  Welcome and Introduction of the Advanced course – B. A. Popescu, E. Donal, N Ajmone-Marsan

Session III: Role of 2D/3D transesophageal echocardiography in transcatheter interventions - Chairpersons: N. Ajmone Marsan, E. Donal
08:30-09:00  Mitral valve transcatether edge-to-edge repair – N. Ajmone Marsan
09:00-09:30  TriClip – E. Donal
09:30-10:00  ASD/PFO and LAA closure – V. Volpato
10:00-10:30  PVL and other MV procedure – E. Donal

10:30-11:00  Coffee break

11:00-13:00  Hands-on sessions
➢ Intelligent Ultrasound TOE Simulators – N. Ajmone Marsan, M. Gurzun, D. Muraru
➢ GE Workstations – E. Donal (with support of B.A. Popescu)
➢ Philips Workstations – V. Volpato

13:00-14:00  Lunch break

Session IV: Advanced applications of 2D/3D transesophageal echocardiography (I) – Chairpersons: B. A. Popescu, D. Muraru
14:00-14:30  Advanced examination of mitral valve pathology – N. Ajmone Marsan
14:30-15:00  Advanced examination of aortic valve pathology – B. A. Popescu
15:00-15:30  Advanced examination of valvular prostheses – M. Gurzun
15:30-16:00  Advanced examination of the tricuspid valve – D. Muraru

16:00-16:30  Coffee break

16:30-18:30  Hands-on sessions
➢ Intelligent Ultrasound TOE Simulators – B. A. Popescu, M. Gurzun, V. Volpato
➢ GE Workstations – D. Muraru
➢ Philips Workstations – N. Ajmone Marsan

19:30-21:30  Group Dinner at the Hotel
Day 3 – Sunday 23 October  Advanced Course

Session IV – Advanced applications of 2D/3D transesophageal echocardiography (II) – Chairpersons: D. Muraru, N. Ajmone Marsan

09.00-09.30  Endocarditis – D. Muraru
09.30-10.00  Masses and sources of embolism – B. A. Popescu
10.00-10.30  Mitral stenosis and balloon valvuloplasty – M. Gurzun

10:30-11:00  Coffee break

11:00-12:45  Challenging Clinical Cases from the Faculty - Chairpersons: V. Volpato, M. Gurzun

➢ Case 1 – M. Gurzun
➢ Case 2 – N. Ajmone Marsan
➢ Case 3 – V. Volpato
➢ Case 4 – D. Muraru
➢ Case 5 – B. A. Popescu

12:45-13:00  Discussion and conclusion

13:00  End of course and Lunch

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