



EACVI
European Association of
Cardiovascular Imaging
 European Society of Cardiology

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



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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 transcatheter 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



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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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