



EACVI
European Association of
Cardiovascular Imaging
 European Society of Cardiology

EACVI Teaching Course on Transoesophageal 2D and 3D Echocardiography

– 27-29 October –

Hermitage Hotel, Prague

Course Directors

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

Faculty Members

Denisa Muraru (IT), Leyla Elif Sade (TU/US), Maria Magdalena Gurzun (RO), Francesco Faletra (CH)

Course Programme

Day 1 – Friday 27 October

08:45-09:20 Registration

09:20-09:30 Welcome and Introduction of the Basic course – B. A. Popescu, E. Donal , N. Ajmone Marsan

Session I: Basics of transesophageal echocardiography – Chairpersons: E.Donal, N. Ajmone Marsan

09:30-10:00 EACVI recommendations on procedure, safety issues and reporting – B. A. Popescu

10:00-10:30 Introduction to TOE: added value and clinical indications (case-based) – E. Sade

10:30-11:00 Standard TOE views, applied physics and image optimization – D. Muraru

11:00-11:30 Coffee break

11:30-13:00 Hands-on sessions

- TOE Simulators – E. Donal, N. Ajmone Marsan, E. Sade
- Scanner: Knobology and TTE hands-on – B. A. Popescu (with help of D. Muraru)
- Scanner: Knobology and TTE hands-on – M. Gurzun (with potential help F. Faletra)

13:00-14:00 Lunch break

Session II: Basic applications of transesophageal echocardiography - Chairpersons: B. Popescu, 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 – F. Faletra

15:00-15:30 Tricuspid and pulmonary anatomy and function assessment – L.E. Sade



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15:30-16:00 Coffee break

16:00-18:00 Hands-on sessions

- TOE Simulators – E. Donal, L.E Sade, B. A. Popescu
- Scanner: Knobology and TTE hands-on – D. Muraru (with help of N. Ajmone Marsan)
- Scanner: Knobology and TTE hands-on – F. Faletra (with help of M.Gurzun)

Day 2 – Saturday 28 October

Session III: Advanced applications of 2D/3D transesophageal echocardiography (I) – Chairpersons: B. A. Popescu, E. Donal

08:30-09:00 Advanced examination of mitral valve pathology – N. Ajmone Marsan

09:00-09:30 Advanced examination of aortic valve pathology – F. Faletra

09:30-10:00 Advanced examination of valvular prostheses – M. Gurzun

10:00-10:30 Advanced examination of the tricuspid valve – D. Muraru

10:30-10:55 Industry showcase session

10:55-11:15 Coffee break

11:15-13:15 Hands-on sessions

- TOE Simulators – N. Ajmone Marsan, E. Donal, D. Muraru
- Workstations – L.E. Sade (with help of B.A. Popescu)
- Workstations – F. Faletra (with help of M. Gurzun)

13:15-14:00 Lunch break

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

14:00-14:30 Endocarditis – L.E. Sade

14:30-15:00 Masses and sources of embolism – B. A. Popescu

15:00-15:30 Mitral stenosis – M. Gurzun

15:30-15:55 Industry showcase session

15:55-16:15 Coffee break

16:15-18:15 Hands-on sessions

- TOE Simulators – B. A. Popescu, M. Gurzun, L.E. Sade
- Workstations – D. Muraru (with potential help of E. Donal)
- Workstations – F. Faletra (with potential help of N. Ajmone Marsan)

19:30-21:30 Group Dinner at the Hotel



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Day 3 – Sunday 29 October

Session V: Role of 2D/3D transesophageal echocardiography in transcatheter interventions - Chairpersons:

D. Muraru, B. A. Popescu

08:30-09:00 Mitral valve transcatheter edge-to-edge repair – N. Ajmone Marsan

09:00-09:30 PVL and other MV procedure (MV replacement) – E. Donal

09:30-10:00 ASD/PFO and LAA closure – F. Faletra

10:30-10:30 TriClip – E. Donal

10:30-11:00 Coffee break

11:00-12:45 Challenging Clinical Cases from the Faculty - *Chairpersons: L.E. Sade, F. Faletra*

- Case 1 – M. Gurzun
- Case 2 – N. Ajmone Marsan
- Case 3 – D. Muraru
- Case 4 – B. A. Popescu
- Case 5 – L.E. Sade
- Case 6 – F. Faletra

12:45-13:00 Discussion and conclusion

13:00 End of course and Lunch