

Final program

EACVI Teaching Course

Valvular heart disease - Decision making by echocardiography and by other modalities Budapest, October 3-5. 2013

Learning objectives:

- Discussion of guidelines and position statements of ESC and EACVI in valvular heart disease to improve diagnosis and assessment of severity of valvular lesions
- To recognize the value of new echocardiographic techniques, as 3D echo and different strain evaluations in the diagnosis of valvular lesions and ventricular dysfunction.
- Role of multimodality imaging technique in right-sided valvular lesions
- Position of new surgical and percutaneous interventions in the management of valvular heart disease

Target audience:

Cardiologists involved in valvular heart disease diagnosis and treatment, interventional cardiologists performing non-coronary interventions, cardiac anesthesiologists and cardiac surgeons

Thursday 3 October

13:30

Opening remarks (Béla Merkely)

14:00-15:30

General aspects of valvular lesions and choice of imaging technique

(Chairs: Béla Merkely, András Temesvári, Patrizio Lancellotti)

Quantification of regurgitations by echocardiography (Andreas Hagendorff)

Assessment of left ventricular dysfunction with new echo techniques (Jens-Uwe Voigt)

When to choose MRI (Tamás Simor)

When to choose CT (Gábor Kerecsen)

15:30-16:00 Coffee break

16:00-18:00

Mitral regurgitation

(Chairs: Jens-Uwe Voigt, Andreas Hagendorff)

Organic mitral regurgitation: etiology, mechanism, consequences (Albert Varga)

Additional value of 3D in mitral regurgitation (Astrid Apor)

Mitral valve quantification (Renata Glińska - sponsored by the Philips Healthcare)

Functional and ischemic mitral regurgitation (Patrizio Lancellotti)

The surgeon's questions to the echocardiographers (László Székely)

19:00 Welcome reception

Friday 4 October

8:30-10:00

Aortic regurgitation

(Chairs: Albert Varga, Edyta Płońska-Gościńskiak)

Aortic regurgitation, etiology and quantification (George Athanassopoulos)

Bicuspid aortic valve, is it a special clinical syndrome? (Andreas Hagendorff)

Which patient may be suitable for repair (László Szudi)

Role of MRI and CT in aortic regurgitation (Richard Asbót)

10:00-10:30 Coffee break

10:30-12:00

Cases and discussion with the experts

12:00-13:30 Lunch break

13:30-15:30

Valvular stenosis

(Chairs: George Athanassopoulos, Richard Asbót)

Mitral stenosis, quantification. Selection for balloon dilatation (Réka Faludi)

Aortic stenosis, etiology and quantification (Edyta Płońska-Gościńskiak)

Low flow, low gradient aortic stenosis, and depressed left ventricular function (Patrizio Lancelotti)

Paradoxical aortic stenosis (Frank Flachskampf)

Transcatheter aortic valve implantation (TAVI) (Frank Flachskampf)

15:30-16:00 Coffee break

16:00-18:00

Right-sided valve disease

(Chairs: Frank Flachskampf, Tamás Forster)

Tricuspid regurgitation, etiology and quantification (Kristóf Karlócai)

Right ventricular dysfunction, and low pressure tricuspid regurgitation (Jens-Uwe Voigt)

Echocardiography in pulmonary hypertension (Gergely Ágoston)

Pulmonary regurgitation. Etiology and quantification by echocardiography, indication of intervention (Hajnalka Bálint)

Role of MRI in the diagnostic workup for pulmonary regurgitation (Attila Tóth)

20:00 Gala dinner

Saturday 5 October

9:00-11:30

Special problems in valvular heart disease

(Chairs: Kristóf Karlócai, Elektra Bartha)

Multivalvular diseases Indication and risk of surgery (Ida Hegedüs)

Prosthetic valve dysfunction (Tamás Forster)

Thrombolysis or surgery for prosthetic valve obstruction (Elektra Bartha)

Infective endocarditis (Attila Cziráki)

The pregnant patient with valvular heart disease (András Temesvári)

The oncology patient with heart valve disease (Csaba Nagy)

Patients with atrial fibrillation (Attila Pálinkás)

11:30-12:00 Coffee break

12:00-13:00

Cases and discussion with the experts

13:00-13:30 Test examination

13.30 – Closing remarks – András Temesvári