

**Symposium organised by the WG on Echocardiography
of the Czech Society of Cardiology**

09:00 - 10:30

SMETANA

Some new aspects of aortic valve diseases**Chairpersons: E. Mandysova (Prague, CZ); J. Marek (London, GB)**

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|-------|--|---|
| 09:00 | Aortic stenosis in foetus.
J. Marek, J. Skovranek, V. Tomek (London, GB) | 1 |
| 09:18 | Neonatal critical aortic stenosis.
J. Jilik, J. Skovranek, J. Marek, O. Reich, P. Tax, V. Tomek (Prague, CZ) | 2 |
| 09:36 | Adults with bicuspid aortic valve.
J. Popelova (Prague, CZ) | 3 |
| 09:54 | Stress echocardiography in asymptomatic severe aortic stenosis-Step in decision making?
T. Marek (Prague, CZ) | 4 |
| 10:12 | Calcified aortic valve and its link to coronary artery diseases.
K. Linhartova (Plzen, CZ) | 5 |

11:00 - 12:30

SMETANA

Echocardiographic and clinical aspects of Hypertrophic cardiomyopathy from diagnosis to treatment**Chairpersons: L. Faber (Bad Oeynhausen, DE); J. Veselka (Prague, CZ)**

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|-------|--|----|
| 11:00 | Diagnosis of HCM.
A. Linhart (Prague, CZ) | 42 |
| 11:15 | Is there any role for stress echo in hypertrophic cardiomyopathy?
M. Penicka, P. Gregor, K. Curila, J. Karasek, H. Linkova (Prague, CZ) | 43 |
| 11:30 | Treatment options based on echocardiographic findings.
L. Faber (Bad Oeynhausen, DE) | 44 |
| 11:45 | Echo-guided alcohol septal ablation: a new therapeutic standard in the treatment of HOCM.
J. Veselka (Prague, CZ) | 45 |
| 12:00 | Long-term results of alcohol ablation.
D. Welge (Bad Oeynhausen, DE) | 46 |
| 12:15 | Surgical treatment of HOCM.
G. Kleikamp (Bad Oeynhausen, DE) | 47 |

14:00 - 15:30

SMETANA

New research in Echocardiography in the Czech Republic**Chairpersons: A. Linhart (Prague, CZ); H. Skalicka (Prague, CZ)**

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|-------|--|----|
| 14:00 | Echocardiography in catheterisation occlusion of left atrial appendage.
T. Mraz, P. Neuzil, E. Mandysova, P. Niederle (Prague, CZ) | 84 |
| 14:18 | Novel aspects and unsolved issues in Cardiac resynchronisation therapy.
M. Penicka, P. Gregor, K. Curila, J. Karasek, H. Linkova (Prague, CZ) | 85 |

**Course on Myocardial Velocity Imaging in clinical practice
with live case demonstrations**

09:00 - 10:30

DVORAK

Basic principles, the normal examination, and coronary artery disease

Chairpersons: G.R. Sutherland (London, GB); L.A. Brodin (Stockholm, SE)

09:00	Why measure myocardial velocities or deformation? What do they represent?	6
	B. Bijmens (London, GB)	
09:20	Normal findings.	7
	J.U. Voigt (Leuven, BE)	
09:40	Ischaemia and infarction.	8
	G.R. Sutherland (London, GB)	
10:00	Clinical cases.	9

11:00 - 12:30

DVORAK

Hypertrophic and dilated cardiomyopathies, and the right ventricle

Chairpersons: G.R. Sutherland (London, GB); L.A. Brodin (Stockholm, SE)

11:00	Hypertrophic myopathies.	48
	A. Stoylen (Trondheim, No)	
11:20	Dilated myopathies and resynchronisation therapy.	49
	O. Breithardt (Mannheim, GR)	
11:40	The right ventricle.	50
	G. De Salvo (Naples, IT)	
11:45	Clinical cases.	51

14:00 - 15:30

DVORAK

Valve disease, ageing, and diastolic function

Chairpersons: G.R. Sutherland (London, GB); L.A. Brodin (Stockholm, SE)

14:00	Valve disease.	89
	A. Marciniak (London GB)	
14:20	Ageing/Monitoring drug therapy.	90
	A.G. Fraser (Cardiff, GB)	
14:40	Diastolic function.	91
	L. Hatle (Trondheim,NO)	
15:00	Clinical cases.	92

Course on The anatomy diagnosis and surgery of congenital heart disease with live demonstrations of cardiac anatomy
Joint course with EAPC and EACTS

09:00 - 10:30

MARTINU

Tetralogy of Fallot

Chairpersons: F.J. Meijboom (Rotterdam, NL); R. Valsangiacomo Buechel (Zurich, CH)

09:00	Introduction to the segmental approach: a pathologist point of view.	23
	S.Y. Ho (London, GB)	
09:15	Segmental approach by echocardiography.	24
	M.L. Rigby (London, GB)	
09:30	Anatomy of unrepaired Tetralogy of Fallot.	25
	S.Y. Ho (London, GB)	
09:45	Imaging Tetralogy of Fallot: what to know before surgery?	26
	L. Mertens (Leuven, BE)	
10:00	The changing surgical approach during the last 50 years.	27
	V. Hraska (Hamburg, DE)	
10:15	Postoperative evaluation during follow-up.	28
	H.P. Gildein (Munich, DE)	

11:00 - 12:30

MARTINU

Complete transposition of the great arteries

Chairpersons: F.J. Meijboom (Rotterdam, NL); R. Valsangiacomo Buechel (Zurich, CH)

11:00	Introduction to the segmental approach: a pathologist point of view.	66
	S.Y. Ho (London, GB)	
11:11	Segmental approach by echocardiography.	67
	M.L. Rigby (London, GB)	
11:22	Anatomical aspects.	68
	G. Thiene (Padua, IT)	
11:33	Pre-operative assessment.	69
	A. Bozzio (Lyon, FR)	
11:44	The atrial switch procedure.	70
	W.J. Brawn (Birmingham, GB)	
11:55	Long-term problems of the atrial switch procedure.	71
	R. Jenni (Zurich, CH)	
12:06	The arterial switch procedure.	72
	P.R. Vouhe (Paris, FR)	
12:18	Long-term outcome and complications of the arterial switch procedure.	73
	J. Marek (London, GB)	

**Research in Cardiovascular ultrasound
Joint course with IEEE**

09:00 - 10:30

NOVAK

Ultrasound contrast agents

Chairpersons: H.H. Becher (Oxford, GB); N. de Jong (Rotterdam, NL)

09:00	Detection techniques.	29
	M. Averkiou (Nicosia, CY)	
09:15	Targeted contrast agents.	30
	S. Klibanov (Ann Arbor, US)	
09:30	Perfusion imaging.	31
	M.J. Monaghan (London, GB)	
09:45	Drug delivery.	32
	E.C. Unger (Tuscon, US)	
10:00	Carotid vasa vasorum detection.	33
	S.B. Feinstein (Chicago, US)	

11:00 - 12:30

NOVAK

3-D Echocardiography

Chairpersons: M.J. Monaghan (London, GB); M.M. Voormolen (Rotterdam, NL)

11:00	Technical design considerations for 2D arrays.	74
	B.J. Savord (Boston, US)	
11:22	3D image processing.	75
	J.G. Bosch (Rotterdam, NL)	
11:44	3D parametric imaging.	76
	L.A. Brodin (Stockholm, SE)	
12:07	3D congenital heart disease.	77
	F.J. Meijboom (Rotterdam, NL)	

14:00 - 15:30

NOVAK

Cardiac deformation imaging

Chairpersons: A.F.W. Van der Steen (Rotterdam, NL); P. Claus (Leuven, BE)

14:00	Physiology of cardiac deformation.	114
	T. Arts (Maastricht, NL)	
14:15	Methodologies for deformation imaging.	115
	J. D'hooge (Leuven, BE)	
14:30	1D/2D and 3D deformation imaging.	116
	C. De Korte (Nijmegen, NL)	
14:45	Assessment of vibration of the myocardium.	117
	H. Kanai (Sendai, JP)	
15:00	Coronary artery disease.	118
	T.H. Marwick (Brisbane, AU)	
15:15	Cardiac Resynchronisation Therapy.	119
	O.A. Breithardt (Ladenburg, DE)	

EUROECHO 10 OPENING CEREMONY**Chairpersons:****A.G. Fraser (Cardiff, GB)****P. Nihoyannopoulos (London, GB)****Welcome**

A.G. Fraser (Cardiff, GB)

Welcome address by the ESC President

K. Fox (London, GB)

Local Host

H. Skalicka (Prague, CZ)

Past President, WG on Echocardiography of Czech Society of cardiology

P. Niederle (Prague, CZ)

Introduction of Professor Otto Smiseth (Edler Lecture)

A.G. Fraser (Cardiff, GB)

Edler Lecture 2006**“Quantification of myocardial function - strain is better”**

O.A. Smiseth (Oslo, NO)

Presentation of Diploma

P. Nihoyannopoulos (London, GB)

Prague Radio Symphony Orchestra**6 Slavonic Dances: A. Dvorak**

Director: Vladimir Valek

Report on EAE Activities**Announcement of EAE Board 2006-2008**

A.G. Fraser (Cardiff, GB)

Transfer of Presidency

Address by Professor Petros Nihoyannopoulos

18:15

Opening cocktail in the Exhibition Area

