

**X World Congress
of Echocardiography
and Cardiovascular Imaging**

Rome, Italy
October 19–21, 2006

in cooperation with S.I.E.C
Italian Society of Echocardiography

Presidents: F. Fedele (Italy), N. Nanda (USA)

15.00-16.15 **HOW TO SESSION: FUNCTION QUANTITATIVE ANALYSIS**

Chairmen: **S. Paparoni** (Teramo, I) – **A. Salustri** (Rome, I)

- 15.00-15.15 Real-time quantitative assessment of global and regional LV function with speckled imaging technique
Z. Vered (Tel Aviv, IL)
- 15.15-15.30 Quantitative imaging of LV function
G. Pedrizzetti (Trieste, I)
- 15.30-15.45 Multiparametric evaluation of inter and intraventricular dissynchrony
A. Auriti (Rome, I)
- 15.45-16.00 Two-D strain: a new echocardiographic method for global and segmental wall evaluation – beyond Tissue Doppler?
D. Gilon (Jerusalem, IL)
- 16.00-16.15 Discussion

16.15-17.45 **HOW TO SESSION: TISSUE DOPPLER IMAGING**

Chairmen: **D. Mele** (Ferrara, I) – **B. Timuralp** (Eskipehir, TR)

- 16.15-16.30 Tissue Doppler Imaging: techniques and pitfalls
P. Trambaiolo (Rome, I)
- 16.30-16.45 Deformation: from M-mode wall thickening to strain
J. D'Hooge (Leuven, B)
- 16.45-17.00 Tissue Doppler Imaging in hypertrophic myocardium
S. Severino (Naples, I)
- 17.00-17.15 Tissue Doppler Imaging and CRT: Dyssynchrony Imaging
G. Ansalone (Rome, I)
- 17.15-17.30 Tissue Doppler Imaging in pediatric use
G. Pacileo (Naples, I)
- 17.30-17.45 Discussion

Room B

Thursday, October 19

15.00-16.30 **HOW TO SESSION: VASCULAR IMAGING**

Chairmen: **S. Novo** (Palermo, I) – **G. Germanò** (Rome, I)

- 15.00-15.15 Intima medial thickness and echo measure for clinical use
G. Gullace (Lecco, I)
- 15.15-15.30 Usefulness of a screening glance to abdominal aorta and carotids during transtoracic echo
A. Jaussi (Yverdon-les-Bains, CH)
- 15.30-15.45 Molecular imaging of atherosclerosis: echocardiography, cardiac CT, and cardiac MRI
S. Voros (Atlanta, USA)
- 15.45-16.00 Imaging Subclinical atherosclerosis
J. Gardin (Detroit, USA)
- 16.00-16.15 Aortic intramural hematoma versus dissection
J.K. Song (Seoul, Korea)
- 16.15-16.30 Discussion

16.30-17.45 **HOW TO SESSION: CONTRAST ECHOCARDIOGRAPHY**

Chairmen: **L. Agati** (Rome, I) – **F. Pizzuto** (Rome, I)

- 16.30-16.45 Use of contrast microsphere for LV opacification and Doppler Enhancement
S. Pecora Dunn (Charlottesville-VI, USA)
- 16.45-17.00 Contrast echocardiography: differentiating thrombi from tumors
M. Saric (Newark-NJ, USA)
- 17.00-17.15 Contrast echocardiography in coronary artery disease
E. Aiazian (The Hague, NL)
- 17.15-17.30 Contrast echocardiography in acute myocardial infarction
L. Agati (Rome, I)
- 17.30-17.45 Discussion

Room C

Thursday, October 19

15.00-16.30 HOW TO SESSION: 3D ECHO

Chairmen: **S. De Castro** (Rome, I) – **S. C. Enar** (Istanbul, TR)

- 15.00-15.15 3D echo assessment of left ventricular function
R. Donati (Rome, I)
- 15.15-15.30 Role of 3D echo in mitral valve disease
K. Gunasegaran (Singapore, RP)
- 15.30-15.45 Evaluation of mitral annulus in patients with myocardial infarct by live 3D echo
X. Wang (Wuhan, China)
- 15.45-16.00 3D assessment of mitral valve annulus and LV geometry in ischemic mitral valve regurgitation
R. De Simone (Heidelberg, D)
- 16.00-16.15 3D echocardiography for CRT
S. Kort (Stony Brook,-NY, USA)
- 16.15-16.30 Discussion

16.30-18.00 HOW TO SESSION: CARDIAC MRI AND CT

Chairmen: **C. Catalano** (Rome, I) – **A. Zoni** (Parma, I)

- 16.30-16.45 CT: patient preparation and data acquisition
P. Pavone (Rome, I)
- 16.45-17.00 CT: Post-processing and image evaluation
A. Napoli (Rome, I)
- 17.00-17.15 MRI: How to scan patients
I. Carbone (Rome, I)
- 17.15-17.30 MRI: Morphological and functional evaluation
P. Di Renzi (Rome, I)
- 17.30-17.45 MRI: tissue characterization
J. Bogaert (Leuven, B)
- 17.45-18.00 Discussion

Room A

Thursday, October 19

18.00-19.00 **OPENING CEREMONY**

Magistral Lectures

- 18.00-18.20 New advanced in echocardiography in atrial fibrillation
A. Klein (Cleveland, USA)
- 18.20-18.40 Echocardiography in the New Millenium: where are now and where are we
going?
N. Nanda (Birmingham-AL, USA)
- 18.40-19.00 From imaging world to clinical scenario
F. Fedele (Rome, I)

Room A

Friday, October 20

8.30-10.00 **IMAGING OF CORONARY TREE AND PLAQUE CHARACTERIZATION**

President: **R. Passariello** (Rome, I)

Chairmen: **G. Di Sciascio** (Rome, I) – **G. Mattioli** (Modena, I)

8.30-8.45 Non invasive coronary imaging: MSCT will defeat CMR?
G. Casolo (Lido di Camaiore-LU, I)

8.45-9.00 Limitations and application of new methods of coronary imaging: optical coherence tomography
R. Bugiardini (Bologna, I)

9.00-9.15 Visualization of coronary arteries with TTE
H. Feigenbaum (Indianapolis, USA)

9.15-9.30 The role of echocardiography in hypertensive heart disease-lessons from clinical trials
J. Gardin (Detroit, USA)

9.30-9.45 Plaque characterization using CT and MRI
E. Di Cesare (L'Aquila, I)

9.45-10.00 Discussion

10.00-10.30 **LECTURE**

Chairman: **F.Crea** (Rome, I)

Non-invasive Imaging of Coronary Arteries for Stenosis and other Abnormalities

N. Nanda (Birmingham-AL, USA)

Room A

Friday, October 20

11.00-12.45 MYOCARDIAL PERFUSION

President: **F. Romeo** (Rome, I)

Chairmen: **G. Mercuro** (Cagliari, I) – **S. Iliceto** (Padova, I)

11.00-11.15 Coronary flow, the holy grail of echo
P.Voci (Rome, I)

11.15-11.30 Echocardiographic assessment of coronary vasodilating capacity
H. J. Youn (Seoul, Korea)

11.30-11.45 Assessment of perfusion characteristics by echocontrast
L. Agati (Rome, I)

11.45-12.00 TE derived coronary flow reserve: an useful marker of microvascular dysfunction
M. Galderisi (Naples, I)

12.00-12.15 Myocardial perfusion by MRI: a new clinical tool
M.Lombardi (Pisa, I)

12.15-12.25 Ecocardiography based therapy for the treatment of refractory angina pectoris using shockwaves
G. Hakim (Germantown-MD, USA)

12.25-12.45 Discussion

Room A

Friday, October 20

14.00-15.30 ISCHEMIC-NECROTIC DAMAGE EVALUATION

President: **F.Rademakers** (Leuven, B)

Chairmen: **F. Arrigo** (Messina, I) - **M. Marzilli** (Siena, I)

- 14.00-14.15 STIR T2 sequences usefulness to evaluate myocardial oedema in patients with acute myocardial infarction
M. Francone (Rome, I)
- 14.15-14.30 Pig model of ischemia, stunning and hibernation: MR echo analysis
F.Rademakers (Leuven, B)
- 14.30-14.45 Acute myocardial infarction: assessment of microvascular damage by MRI
C.Bucciarelli Ducci (Rome, I)
- 14.45-15.00 Identification of viable myocardium
R. Bonow (Chicago, USA)
- 15.00-15.15 Stress Echo for evaluation of myocardial ischemia and viability
F. Sozzi (Milan, I)
- 15.15-15.30 Discussion

15.30-17.00 **ORAL COMMUNICATIONS:ISCHEMIC HEART DISEASE**

Chairmen: **M. Maiello** (Brindisi, I) - **G.L. Morgagni** (Ancona, I)

- 15.30-15.40 Inadequacy of the standard dose of the adenosine in the study of coronary flow reserve Use of the transesophageal echocardiography in the follow up of patients with stented left main coronary artery
R. Belluschi (Como, I)
- 15.40-15.50 Cardiac index monitoring during the exercise stress-echo: non-invasive assessment of the left ventricular contractility
A.L. Bobrov (Saint Petersburg, RU)
- 15.50-16.0 Restrictive mitral inflow pattern is a strong independent predictor of lack of viable myocardium after a first acute myocardial infarction
A.Sestili (Rome, I)
- 16.00-16.10 Diet associated to physical exercise on non-invasively assessed coronary flow reserve in obese women
E.Tagliamonte (Naples, I)
- 16.10-16.20 Use of the transesophageal echocardiography in the follow up of patients with stented left main coronary artery
L. Petrella (Teramo, I)
- 16.20-16.30 Determination of size and transmural extent of acute myocardial infarction by real time myocardial perfusion echocardiography. A comparison with magnetic resonance imaging
J. M. Tsutsui (San Paolo, Br)
- 16.30-16.40 Myocardial strain in athletes at rest and during stress test: comparative analysis of two methodologies
L. Stefani (Florence, I)
- 16.40-16.50 64-MDCT coronary angiography versus Myocardial perfusion imaging in the diagnosis of coronary artery disease
G. Masselli (Rome, I)
- 16.50-17.0 The effect of beta-blocker therapy on prognostic value of dobutamine stress echocardiography with early injection of atropine
J. M. Tsutsui (San Paolo, Br)

Room A

Friday, October 20

17.00-18.30 STRESS ECHO

President: **H. Feigenbaum** (Indianapolis, USA)

Chairmen: **F. Fedele** (Rome, I) – **A. Barsotti** (Pisa, I)

17.00-17.15 Regional function analysis with echo and MRI

F.Rademakers (Leuven, B)

17.15-17.30 Use of strain rate imaging with stress echo

H. Feigenbaum (Indianapolis, USA)

17.30-17.45 New direction in echo stress testing

P.Chandraratna (Long Beach-CA, USA)

17.45-18.00 Stress protocols with and without myocardial perfusion: which is best for which modality?

W. Mathias (Sao Paulo, BR)

18.00-18.15 Live 3D stress echo in diagnosis of CAD

M. Ahmad (Galveston, USA)

18.15-18.30 Discussion

Room B

Friday, October 20

8.30-10.00 **GLOBAL LEFT VENTRICULAR FUNCTION AND GEOMETRY**

President : **A. Patel** (Boston, USA)

Chairmen: **A. Ganau** (Sassari, I) - **C. Vassanelli** (Verona, I)

08.30-08.45 Systolic dysfunction with preserved LV EF

P. Palmiero (Brindisi, I)

8.45-09.00 Noninvasive assessment of left ventricular filling pressures

B. Popescu (Galati, RO)

09.00-09.15 3D echo in cardiac remodelling

S. De Castro (Rome, I)

09.15-09.30 Left ventricular remodeling: endocavitary and therapeutic goals. Is there the necessity of electrostimulation?

P. Marino (Novara, I)

09.30-09.45 LV and RV function using MRI

M. Francone (Rome, I)

9.45-10.00 Discussion

10.00-10.30 **LECTURE**

Chairman: **F. Fedele** (Rome, I)

Magnetic resonance imaging in heart failure

R.O. Bonow (Chicago, USA)

Room B

Friday, October 20

11.00-12.45 CHRONIC AND ACUTE HEART FAILURE

President : **M. Gheorghiade** (Chicago, USA)

Chairmen: **L. Dei Cas** (Brescia, I) - **G. Trevisani** (Torino, I)

- 11.00-11.15 Cardiac hemodynamics by echoDoppler
C. Vanjani (Bombay, IND)
- 11.15-11.30 Echo exploration of causes of cardiogenic shock with normal LV systolic function
H. Reddy (Birmingham-AL, USA)
- 11.30-11.45 Acute heart failure syndrom: the pivotal role of imaging
M. Gheorghiade (Chicago, USA)
- 11.45-12.00 Role of 3D echo in heart failure
A. Patel (Boston, USA)
- 12.00-12.15 Role of echo in the management of patients with heart failure
M. Rahko (Madison-WI, USA)
- 12.15-12.30 Role of echo in prognostic stratification of heart failure patients
S. Nodari (Brescia, I)
- 12.30-12.45 Discussion

Room B

Friday, October 20

14.00-15.30 DIASTOLOGY

President: **P. Zardini** (Verona, I)

Chairmen: **F.M. Picchio**(Bologna, I) - **M. Guazzi** (Milan, I)

14.00-14.15 Diastolic heart failure

M. Lengyel (Budapest, H)

14.15-14.30 Diastolic Dysfunction and Left Atrial Remodelling: An Echo Analysis of Prognostic Implications

H. Oemar (Shah Alam, MAL)

14.30-14.45 The prognostic role of total isovolumic time in patients with CAD

G. Bajraktari (Prishtina, Kosovo)

14.45-15.00 Contemporary use of Echo-Doppler parameters in the assessment of left ventricular diastolic function

H. Dokainish (Houston, USA)

15.00-15.15 Diastolic heart failure – clinical significance

R. Gupta (Delhi, IND)

15.15-15.30 Evaluation of diastolic function: progress to be continued?

D. Won Sohn (Daegu, Korea)

15.30-17.00 **ORAL COMMUNICATIONS: CARDIAC FUNCTION**

Chairmen: **A.Salustri** (Rome, I) - **S. Masia** (Sassari, I)

- 15.30-15.40 Evaluation of Myocardial Function in Obese, Non-Hypertensive, Children: An ABPM, Standard Echocardiographic and Strain Rate Imaging Study.
G. Di Salvo (Naples, I)
- 15.40-15.50 Tissue doppler imaging can distinguish pathological from physiological left ventricular hypertrophy in master athletes with mild hypertension
F. Del Furia (Florence, I)
- 15.50-16.0 Tissue Doppler Imaging in the evaluation of the left and right ventricular diastolic functions in Rheumatoid Arthritis
A. Birdane (Eskiseir, TR)
- 16.00-16.10 Long-term left ventricular support by axial flow pump. An echocardiographic management protocol for fast evaluation of pump failure.
E.Catena (Milan, I)
- 16.10-16.20 Diastolic function in cirrhotic patients treated with transjugular intrahepatic porto-systemic shunt: echocardiographic and clinical effects.
G. Pagnozzi (Milan, I)
- 16.20-16.30 Noninvasive hemodynamic during off-pump coronary surgery
G. Bardelli (Perugia, I)
- 16.30-16.40 Atrial strain (S) and strain rate (SR) identifies elevated pulmonary artery wedge pressure and diastolic dysfunction grade in diabetic patients with coronary artery disease.
R. Ancona (Naples, I)
- 16.40-16.50 The value of left atrial area and shape in the assessment of diastolic heart failure
D. Cozma (Timisoara, RO)
- 16.50-17.00 Noninvasive evaluation of ventricular filling pressures: comparison with the invasive method
G. Bardelli (Perugia, I)

Room B

Friday, October 20

17.00-18.45 RESYNCHRONIZATION THERAPY

President: **G. Critelli** (Rome, I)

Chairmen: **J.Salerno Uriarte** (Varese, I) - **G. Oreto** (Messina, I)

- 17.00-17.15 Ventricular asynchrony: biventricular pacing and alternative stimulation sites
N. Marino (Novara, I)
- 17.15-17.30 Role of echo in optimization of cardiac resynchronization therapy
K. Aggarwal (Columbia, USA)
- 17.30-17.45 The Role of Echocardiography in the Detection of Responder in CRT
I. N. Vlasseros (Athens, GR)
- 17.45-18.00 MRI to assess asynchrony and/or improve selection of optimal candidates for resynchronization therapy in ischemic and/or dilated cardiomyopathy
G. Ansalone (Rome, I)
- 18.00-18.15 Is there a need of anticoagulation in cardiac resynchronization therapy?
O.Iqbal (Chicago, USA)
- 18.15-18.30 Evaluation of LV dyssynchrony according to the pacing site by strain imaging: RV apical pacing vs RVOT pacing
K. S. Kim (Daegu, Korea)
- 18.30-18.45 Discussion

8.30-10.30 **RIGHT VENTRICLE AND PULMONARY HYPERTENSION**

President: **M. Mariani** (Pisa, I)

Chairmen: **C. Fiorentini** (Milan, I) – **G. Gambelli** (Rome, I)

08.30-08.45 Pulmonary hypertension

S. Gallina (Chieti, I)

08.45-09.00 Hepatopulmonary syndrome and echocardiography

C. Cinar (Bornova-Izmir, TR)

09.00-09.15 Modern concepts of anatomy and physiology of the right ventricle in the assessment of right ventricular function

A. Baron (Bogotá, CO)

09.15-09.30 Evaluation of the right ventricle: what is the best approach

S. Sciomer (Rome, I)

09.30-09.45 Long-Term results of medical therapy in patients with pulmonary arterial hypertension

C.D. Vizza (Rome, I)

09.45-10.0 Right Ventricular reverse remodelling after pulmonary endarterectomy

M.A. D'Armini (Pavia, I)

10.00-10.30 Discussion

11.00-12.30 **CARDIOMYOPATHY AND PERICARDITIS**

President **W. Mathias** (Sao Paulo, BR)

Chairmen: **G. Ambrosio** (Perugia, I) – **M. Di Biase** (Foggia, I)

11.00-11.15 Pitfalls of echo in the diagnosis of pericardial disease

L.M. Amuchastegui (Cordoba, RA)

11.15-11.30 The use of new echo modalities in the evaluation of patients with cardiomyopathies

W. Mathias (Sao Paulo, BR)

11.30-11.45 Tako-Tsubo cardiomyopathy

K. Aggarwal (Columbia, USA)

11.45-12.0 RV arrhythmogenic cardiomyopathy

E. Di Cesare (L'Aquila, I)

12.00-12.15 Echocardiographic evaluation of constrictive pericarditis

J.W. Ha (Seoul, Korea)

12.15-12.30 Discussion

Room C

Friday, October 20

14.00-15.30 CONGENITAL HEART DISEASE

President: **N. Nanda** (Birmingham, AL, USA)

Chairmen: **L. Dalierto** (Padova, I) - **A. Vitarelli** (Rome, I)

14.00-14.15 Fetal tricuspid valve atresia: prenatal diagnosis and management
M. Respondek Liberska (Lodz, PL)

14.15-14.30 Imaging diagnosis of aortic coarctation: a state of the art comparison
C.Ginghina (Bucarest, R)

14.30-14.45 Role of echocardiography in pregnancy
N. Keser (Istanbul, TR)

14.45-15.00 Echo assessment of complex congenital heart defects in adults
R.Chugh (Panorama City–CA, USA)

15.00-15.15 Tissue Doppler Imaging in Pediatric Use
K.S. Hsieh (Taipei, Taiwan)

15.15-15.30 Discussion

15.30-17.00 ORAL COMMUNICATIONS: CONGENITAL AND ACQUIRED HEART

Chairmen: **P.Trambaiolo** (Rome, I) - **A.Galati** (Rome, I)

- 15.30-15.40 Age-related changes in the left atrium shape and electrophysiologic properties in patients without structural heart disease and no history of atrial fibrillation
D. Cozma (Timisoara, R)
- 15.40-15.50 Assessment of atrial septal defect using three-dimensional transesophageal echocardiographic reconstruction.
A. Ionac (Timisoara, R)
- 15.50-16.0 Eco-DTI evaluation of left atrial function in patients with major thalassemia
I. Monte (Catania, I)
- 16.00-16.10 Systolic flow in right ventricular inflow: doppler assessment
A. Baron (Bogotà, CO)
- 16.10-16.20 Echocardiographic study of the tissue kinetics in first family degree of patients with hypertrophic cardiomyopathy (chm). their prognostic meaning in follow-up at 5 years and correlations with the sisto-diastolic indexes left hollows.
P. Gruppillo (Ferrara, I)
- 16.20-16.30 Combined approach of transthoracic and transcranial echo Doppler for the detection of right to left paradoxical atrial shunt in patients with cryptogenic stroke.
R. Belluschi (Como, I)
- 16.30-16.40 Anthracycline-Induced Cardiomyopathy: An Experimental Ultrasonic Strain and Strain Rate Study
G. Di Salvo (Naples, I)
- 16.40-16.50 Correlation between noninvasive and invasive evaluation of aortic stenosis severity: practicality and accuracy of the ejection fraction-peak doppler derived aortic pressure gradient
F. Imperadore (Rovereto, I)
- 16.50-17.00 The Impact of the Age at Correction in Patients with Aortic Coarctation Despite Successful Correction: A Strain Rate Imaging Study.
G. Di Salvo (Naples, I)

Room C

Friday, October 20

17.00-18.45 ASYMPTOMATIC VALVULAR HEART DISEASE AND PROTHESIS

President: **R. Bonow** (Chicago, USA)

Chairmen: **M.Toscano** (Rome, I) - **L.R. Pastore** (Rome, I)

17.00-17.15 Echocardiography in acute rheumatic fever
S. Parashar (Delhi, IND)

17.15-17.30 Asymptomatic mitral regurgitation: who needs surgery?
G. Maurer (Vienna, A)

17.30-17.45 Stress echo and or prosthetic valve malfunction
K. Sagar (Milwaukee-WI, USA)

17.45-18.00 Artificial valve malfunction
O. Abdel Aziz (Il Cairo, ET)

18.00-18.15 The echo evaluation of mitral valve prosthesis
L. Esquivel (San Jose, CR)

18.15-18.30 TEE-a mandatory procedure for safe outcome of the mitral stenosis patients
candidates for percutaneous transluminal mitral commissotomy
A.A.S. Majumder (Dhaka, Bangladesh)

18.30-18.45 Discussion

20.30 **GALA DINNER**
Villa Miani

Room A

Saturday, October 21
Joint Session with S.I.E.C.

9.00-9.30 LECTURE

Chairman: **I. De Luca** (Bari, I)

Evidence based management of vascular regurgitation: role of cardiac imaging
R. Bonow (Chicago, USA)

9.30-10.30 FOCUS ON

ECHOCARDIOGRAPHY IN ATRIAL FIBRILLATION

President: **G. Maurer** (Vienna, A)

Chairmen: **I. De Luca** (Bari, I) - **S. De Tommasi** (Pisa, I)

9.30-9.45 Role of echocardiography in stratification of cardioembolic risk
G. Corrado (Como, I)

9.45-10.00 Echo-guided Antitrombotic therapy in AF: which role?
S. Carerj (Messina, I)

10.00-10.15 Transesophageal Echocardiography before electric cardioversion: is it always mandatory?
P.Colonna (Bari, I)

10.15-10.30 Discussion

10.30-10.50 LECTURE

Chairman: **S. Carerj** (Messina, I)

Aortic stenosis revisited

F. Pinto (Lisboa, P)

Room A

Saturday, October 21
Joint Session with S.I.E.C.

11.00-13.00 SYMPOSIUM

IMPACT OF ECHOCARDIOGRAPHY IN HEART VALVE DISEASE

President: **F. Pinto** (Lisboa, P)

Chairmen: **R. Calabrò** (Naples, I) – **M. Penco** (L'Aquila, I)

- 11.00-11.15 Aortic stenosis: how to identify the patient at risk
G. Maurer (Vienna, A)
- 11.15-11.30 Aortic Stenosis and poor LV function: role of Echo-stress
F. Antonini-Canterin (Pordenone, I)
- 11.30-11.45 Echocardiographic approach to MR quantification
A. Erlicher (Bolzano, I)
- 11.45-12.00 Role of echocardiography in management and surgical indication of valvular regurgitations
P.G. Pino (Rome, I)
- 12.00-12.15 3D Echocardiography in valvular heart disease: ready for clinical arena?
M. Pepi (Milan, I)
- 12.15-12.30 Patient-prosthesis mismatch: echocardiographic diagnosis and follow-up
A. Moreo (Milan, I)
- 12.30-13.00 Discussion

Room A

Saturday, October 21

15.00-16.30 ECHO IN THE CATH LAB AND EMERGENCY ROOM

President: **C. Indolfi** (Catanzaro, I)

Chairmen: **A. Negri** (Rome, I) – **G. Richichi** (Rome, I)

- 15.00-15.15 Portable echo: role in management of acutely ill patients in ER and ICU
V. Singh (St. Petersburg, USA)
- 15.15-15.30 The role of echo in the assessment and management of patients with atrial fibrillation: caveats and pitfalls of TEE guided cardioversion
Y. Maalouf (Rochester, USA)
- 15.30-15.45 Echo characteristics and maneuvers to identify a hiatal hernia by transthoracic echo
A. Olivares-Reyes (Crisfield-MD, USA)
- 15.45-16.0 Echo in ACS: optimal use in the revascularization era
J. Kasprzak (Lodz, PL)
- 16.00-16.15 The role of echocardiography and cardiac assist devices
G. Sethi (Arizona, USA)
- 16.15-16.30 Discussion

16.30-18.40 **CLINICAL CASES (Digital Interactive Session)**
Presented by MAYO CLINIC – Tucson, USA

Chairmen: **G. Maurer** (Vienna, A) – **F. Fedele** (Rome, I)

- 16.30-16.40 Rare cardiac masses
D. Roychoudhury (Flushing-NY, USA)
- 16.40-16.50 Surgical treatment of interventricular septum rupture in early postinfarction period.
A. Kostić-Mirković (Podgorica, Montenegro)
- 16.50-17.0 Acute total occlusion of the distal abdominal aorta
C. Goffredo (Rome, I)
- 17.00-17.10 Selected cases of fetal heart abnormalities
M. Respondek Liberska (Lodz, PL)
- 17.10-17.20 Unusual case studies in TEE and TTE-artifacts vs cardiac pathology
S. Pecora Dunn (Charlottesville-VI, USA)
- 17.20-17.30 Takayasu arteritis in a 50 year old diabetic and hypertensive woman
T. Cirillo (Naples, I)
- 17.30-17.40 Pyopneumopericardium caused by gastric ulcer: an unusual presentation of poor acoustic window on echocardiography
F. Lakatos (Oroshza, H)
- 17.40-17.50 An oligosymptomatic case of arrhythmogenic right ventricle cardiomyopathy (ARVC) in an elderly woman
E. Franzi (Messina, I)
- 17.50-18.0 Case presentation of interesting echo studies
K. Gunasegaran (Singapore, RP)
- 18.00-18.10 The therapeutic dilemma in right heart thromboemboli: an illustrating case report
P. Decoodt (Bruxelles, B)
- 18.10-18.20 Primary non-hodgkin's lymphoma of the heart
V. Raos (Zagreb, HR)
- 18.20-18.30 Unusual presentation of a right atrial myxoma: a case report
J. Vincelj (Zagreb, HR)
- 18.30-18.40 A cowboy's lazo endocarditis
S. Dragoni (Siena, I)

Room B

Saturday, October 21
Joint Session with S.I.E.C.

9.00-10.30 FOCUS ON

VASCULAR ULTRASOUND AND ATHEROSCLEROTIC RISK

President: **A. Pezzano** (Milan, I)

Chairmen: **A. Balbarini** (Pisa, I) - **G. Gullace** (Lecco, I)

- 9.00-9.15 Role of Carotid Vascular Ultrasound in atherosclerotic risk stratification
D. Giannini (Pisa, I)
- 9.15-9.30 Non invasive assessment of endothelial function: clinical application
F. Perticone (Catanzaro, I)
- 9.30-9.45 Carotid lesions and coronary lesions: is there a correlation?
K. Savino (Perugia, I)
- 9.45-10.00 How can vascular ultrasound change clinical management of patients with mild signs of atherosclerosis?
G. Gullace (Lecco-MI, I)
- 10.00-10.30 Discussion

Room B

Saturday, October 21
Joint Session with S.I.E.C.

11.00-12.00 SYMPOSIUM

INTEGRATED IMAGING IN CARDIOLOGY

President: **A. Zuppiroli** (Florence, I)

Chairmen: **M. Midiri** (Palermo, I) – **G. Casolo** (Lido di Camaiore-LU, I)

11.00-11.15 Multislice CT: application in Cardiology

F. Cademartiri (Parma, I)

11.15-11.30 MRI and Angio MRI: the best for the heart?

S. Biasi (Milan, I)

11.30-11.45 Which role for Echocardiography?

F. Faletra (Lugano, CH)

11.45-12.00 Discussion

12.00-13.00 FOCUS ON

CT IN ACUTE CHEST PAIN: MEET WITH THE EXPERTS

President: **M. Penco** (L'Aquila, I)

Chairmen: **M. Midiri** (Palermo, I) – **G. Casolo** (Lido di Camaiore-LU, I)

F. Cademartiri (Parma, I)

G. Gualdi (Rome, I)

M. Midiri (Palermo, I)

F. Faletra (Lugano, CH)

Room B

Saturday, October 21

15.00-16.30 **FOCUS ON CARDIAC IMAGING IN THE WOMEN**

President: **M.G. Modena** (Modena, I)

Chairmen: **R. Bugiardini** (Bologna, I) - **G. Rosano** (Rome, I)

15.00-15.15 Validity and limits of stress echo in females

C. Cadeddu (Cagliari, I)

15.15-15.30 Cardiac Imaging in X syndrome

R. Bugiardini (Bologna, I)

15.30-15.45 Female gender, myocardial remodelling and cardiac failure: are women protected from increased myocardiocytes apoptosis?

M. Losi (Naples, I)

15.45-16.00 Pregnancy and heart disease

T. Nahar (Eaglewood Cliffs-NJ, USA)

16.00-16.30 Discussion:

M. Strati (Rome, I) **C. Castello** (Verona, I)

Room C

Saturday, October 21
Joint Session with S.I.E.C.

9.00-10.30 FOCUS ON

UP TO DATE ON NEW ECHOCARDIOGRAPHIC TECHNOLOGIES

President: **P. Marino** (Novara, I)

Chairmen: **P. Caso** (Naples, I) – **L. Badano** (Udine, I)

9.00-9.15 Doppler Myocardial Imaging in daily practice: which clinical indications are established?

G. Di Salvo (Naples, I)

9.15-9.30 TDI and Strain: future perspectives

G. Tonti (Sulmona-AQ, I)

9.30-9.45 3D echocardiography: clinical applications and limitations

A. Salustri (Rome, I)

9.45-10.00 Coronary flow assessment by transthoracic echocardiography

F. Benedetto (Reggio Calabria, I)

10.00-10.15 Myocardial Contrast Echocardiography in clinical practice: myth or reality?

G. Trocino (Monza-MI, I)

10.15-10.30 Discussion

11.00-11.30 LECTURE

Chairman: **A. Zuppiroli** (Florence, I)

Quantitative analysis of regional left ventricular function: it is really possible by echocardiography?

M.A. Garcia Fernandez (Madrid, S)

Room C

Saturday, October 21
Joint Session with S.I.E.C.

11.30–13.00 SYMPOSIUM

INTRAOPERATIVE TRANSESOPHAGEAL ECHOCARDIOGRAPHY

President: **F. Musumeci** (Rome, I)

Chairmen: **M. Ranucci** (Milan, I) – **G. La Canna** (Milan, I)

- 11.30-11.45 Intraoperative echocardiography in monitoring LV function
F.L. Lorini (Bergamo, I)
- 11.45-12.00 Impact of intraoperative TEE in preventing adverse outcomes of cardiac surgery and by-pass
F. Guarracino (Pisa, I)
- 12.00-12.15 Impact of intraoperative TEE on outcome of valve surgery
V. Montericcio (Milan, I)
- 12.15-12.30 Which patients need intraoperative echocardiography in cardiac surgery?
F. Musumeci (Rome, I)
- 12.30-12.45 Which patients need intraoperative echocardiography in non cardiac surgery?
E. Catena (Milan, I)
- 12.45-13.00 Discussion

Room C

Saturday, October 21

15.00-16.30 CLINICAL TRIALS

President: **M. Gheorghiade** (Chicago, USA)

Chairmen: **M. Volpe** (Rome, I) **E. Martuscelli** (Rome, I)

15.00-15.15 PROSPECT

C. Lavallo (Rome, I)

15.15-15.30 ASTEROID

G. Bernardi (Udine, I)

15.30-15.45 PRE-AMI

G.L. Nicolosi (Pordenone, I)

15.45-16.00 LIFE

M. Volpe (Rome, I)

16.00-16.15 MAGIC

E. La Penna (Milan, I)

16.15-16.30 STUDIO SENIORS

L. Tavazzi (Pavia, I)