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Working Group on
CARDIOVASCULAR
IMAGING




Foundation of
Cardiovascular
Imaging




XXIV World congress on echocardiography and cardiovascular imaging

17-20 May 2018
Albena Resort, Bulgaria

Endorsed by:



EACVI
European Association of
Cardiovascular Imaging



European Society of Cardiology

PROGRAM

Wednesday, 16th May

/Paradise Blue Hotel, Wind & Sky Hall/

Pre – Congress Course

Advance in Three – Dimensional Echocardiography and Doppler haemodynamic Teaching Course

8:00 – 10:00 Registration

10:00-12:00 Session I

Basics of 3 DE echocardiography with practical part

Prof. N. Nanda

12:00-13:30 Lunch

13:30 -15:30 Session II Advance 3D TTE and TEE

TBA

15:30-16:00 Coffee break

16:00-18:00 Practical 3DE echo session

TBA

18:00 End of course – Certification

	Thursday, 17 May Hall Sea /Paradise Blue Hotel/	Thursday, 17 May Hall Wind & Sky /Paradise Blue Hotel/	Thursday, 17 May Flamingo Grand Hall /Flamingo Grand Hotel/
08:00-10:00	Registration / Main Lobby of Paradise Blue Hotel /		
10:00 - 12:00	ECHO IN CRITICAL ILL PATIENTS Chairmen: N. Zlatareva, H. Soliman <ol style="list-style-type: none"> 1. Integrated cardiac imaging in acute coronary syndrome G. Elkilany /UAE/ 2. Echo in sudden cardiac death N. Cardim /Portugal/ 3. Acute pulmonary embolism or hypertension T. Tak /USA/ 4. Role of imaging in patients with shock H. Soliman /UK/ 5. Acute heart failure and echo imaging E. Srbinovska /Macedonia/ 6. Lung Ultrasound H. Soliman /UK/ 	CLINICAL FOCUS: Endocarditis Chairmen: K. Hristova, E. Plonska <ol style="list-style-type: none"> 1. Inside from the new ESC guidelines E. Plonska /Poland/ 2. Endocarditis and its complications V. M. Parato /Italy/ 3. Prosthetic valve endocarditis A. Aleksiev /Bulgaria/ 4. Right side endocarditis K. Hristova /Bulgaria/ 5. Clinical case 1 TBA 6. Clinical case 2 - The hidden endocarditis D. Gnanam /Netherlands/ 7. Clinical case 3 = Aspergillus endocarditis R. Tandon /India/ 	CARDIOMYOPATHY AND PERICARDIAL DISEASES Chairmen: Sv. Tsonev , V.M. Parato <ol style="list-style-type: none"> 1. LV hypertrophy: athletes vs. hypertensive vs. hypertrophic cardiomyopathy N. Cardim /Portugal/ 2. Restrictive CMP vs. constrictive pericarditis. Transient constrictive pericarditis I. Simova /Bulgaria/ 3. How to use imaging in acute and chronic pericardial diseases R. Shabani /Bulgaria/ 4. Management of pericardial diseases in era of multimodality imaging Sv. Tsonev /Bulgaria/ 5. Stress CMP and noncompaction: echo in context of multimodality imaging V. M. Parato/Italy/ 6. Apical HCP – a challenge in diagnosis N. Espinola-Zavaleta /Mexico/
12:00 - 13:30	Lunch Symposium BAYER in Paradise Blue Hotel, Hall Sea		

13:30-15:30	<p>Valvular heart diseases I - Aortic stenosis – from natural history to intervention Chairmen: Y. Yotov, M. Saric</p> <ol style="list-style-type: none"> 1. Natural history, and current concept of AS S. Shrivastava / India/ 2. Doppler imaging of AS – tips and tricks Y. Yotov /Bulgaria/ 3. Role of 3DE and Multi modality imaging for assessing of AS K. Aggarwal /USA/ 4. Issue of trans catheter AVR – TAVR M. Saric /USA / 5. Cardiac reverse remodeling after heart valve surgery D. Gilon /Israel/ 6. Three challenges clinical cases R. Pai /USA/ 	<p>BASIC OF CARDIAC ULTRASOUND I : Chairmen: E. Kinova, J. Nesser</p> <ol style="list-style-type: none"> 1. Physics, instrumentation and machine settings R. Gupta /India/ 2. The complete standard echo study R. Shabani /Bulgaria/ 3. Common mistakes and pitfalls in 2DE : how to avoid them N. Nanda / USA / 4. Facts or artifacts in 3D- echocardiography L. Badano /Italy/ 5. Advance in non – invasive assessment of cardiac mechanics J. Nesser /Austria/ 6. Determination of myocardial viability by echocardiography R. Senior /UK/ 	<p>ASSESSMENT OF DIASTOLIC FUNCTION Chairmen: I. Simova, S. E. Catirli</p> <ol style="list-style-type: none"> 1. Guidelines for patients with HFREF P. Manoria /India/ 2. Guidelines for patients with HFpEF Tzv. Katova/ Bulgaria/ 3. Diastolic stress echo I. Simova /Bulgaria / 4. Assessment of LV filling pressure in primary pulmonary hypertension S. Kücüköğlu /Turkey/ 5. LV vortex intensity and LV diastolic function R. Gupta / India/ 6. Right ventricle function in HFpEF S. E. Catirli /Turkey /
15:30 -16:00 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel			
16:00 - 18:00	<p>DIASTOLIC FUNCTION Chairmen: S. Marchev, F. Sozzi</p> <ol style="list-style-type: none"> 1. Mitral inflow, LA volumes, Tissue Doppler velocities and PA pressure F. Sozzi /Italy / 2. LV strain and twist, LA strain A. Gopal /USA/ 3. CMR and nuclear techniques for diastolic dysfunction TBA 4. Diastolic function on right heart P. Manoria /India/ 5. Clinical case: Breathlessness J. Nesser /Austria / 	<p>BASIC OF CARDIAC ULTRASOUND II : Chairmen: K. Hristova, P. Claus</p> <ol style="list-style-type: none"> 1. Stretch -strain relations: a new non-invasive approach to myocardial contractility P. Claus /Belgium/ 2. 2D and 3 D strain in clinical practice J. Nesser /Austria/ 3. The European experience: insights from Euro – Filling study K. Hristova /Bulgaria/ 4. 3DE in valvular diseases S. Shrivastava /India/ 5. Intraoperative echocardiography P. Malhotra /India/ 	<p>CONGENITAL HEART DISEASE SESSION I Chairmen: P. Kratunkov, W. Budts</p> <ol style="list-style-type: none"> 1. Fetal echocardiography – to improve prenatal detection of CHD A. Bhat /USA/ 2. Aortic valve and aortic arch in CHD W. Budts /Belgium/ 3. Echo evaluation for ventricular septum for intervention or surgery A. Bhat /USA/ 4. Patent foramen ovale –shunt quantification as a prerequisite for transcatheter closure M. Saric /USA/ 5. How to image normal venous return and atria G. Di Salvo/USA/

18:00 - 18:30	1. Presidential lecture <i>K. Hristova/ Bulgaria/</i> 2. Presidential Lecture - Echo from 50's to 2018 <i>N. Nanda /USA/</i>		
19:00	Opening Ceremony and Welcome Reception		

	Friday, 18 May Hall Sea /Paradise Blue Hotel/	Friday, 18 May Hall Wind & Sky /Paradise Blue Hotel/	Friday, 18 May Flamingo Grand Hall /Flamingo Grand Hotel/
8:30 - 10:00	VLAVULAR HEART DISEASES II part Chairmen: N. Zlatareva, R. Pai <ol style="list-style-type: none"> Echocardiographic assessment of mitral stenosis <i>L. Badano /Italy/</i> Assesing valvular regurgitations from genetics to intervention <i>N. Nanda /USA/</i> Role of CV imaging in the assessment of right heart structure and function in TR patients. <i>JB. Park /South Korea/</i> 3DE for valvular intervention <i>M. Saric /USA/</i> Echo evaluation of mitral regurgitation <i>R. Pai /USA/</i> Malignant mitral valve prolapse <i>V. M. Parato /Italy/</i> 	Oral Abstracts session I Chairmen: R. Shabani, I. Gruev <ol style="list-style-type: none"> TBA TBA TBA TBA TBA TBA TBA TBA TBA 	ADVANCE ECHO TECHIQUES – BASICS, INDICATIONS, PROTOCOLS AND INTERPRETATIONS Chairmen: I. Simova, A. Varga <ol style="list-style-type: none"> Stress –echocardiography in CAD <i>A. Varga / Hungary/</i> Stress echocardiography in non-ischemic heart diseases <i>A. Salustri/ Qatar/</i> Stress echocardiography in valvular diseases <i>E. Plonska /Poland/</i> Role of flow status by assessing aortic stenosis <i>R. Senior / UK/</i> Stress Echo for Risk Stratification <i>J. Kasprzak /Poland/</i> Value of incorporating contrast echo in stress – echocardiography <i>R. Senior /UK/</i>
10:00- 10:30	Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel		

10:30 - 13:00	<p>JOINT SESSION WITH Korean Society of Echocardiography, BWG of CVI and ISCU - Up to date research on LV function Chairmen: K. Hristova, JB Park</p> <ol style="list-style-type: none"> 1. Assessment of Central Hemodynamics using Noninvasive Cardiovascular Imaging W.I.Yang / South Korea/ 2. Echocardiography and multimodality imaging in patient with HFpEF JB. Park / South Korea/ 3. Treatment and prevention of cardiotoxicity from cancer treatment E. Kinova /Bulgaria/ 4. Dyspnea in HCMP – a complex cardiac and ventilatory interactions – based on cardiopulmonary test and stress echocardiography K. Hristova /Bulgaria/ 5. An usual case of LV apex involvement in HCMP V. M. Parato /Italy/ 6. Clinical case of involvement of LV function by FMF L. Andreeva/ Bulgaria/ 	<p>LV SYSTOLIC FUNCTION Chairmen: R. Radoslavova, J. Nesser</p> <ol style="list-style-type: none"> 1. Cardiac chamber quantifications according to the guidelines St. Goldstein /USA/ 2. 3 DE echocardiography in LV assessment J. Nesser /Austria/ 3. Guidelines based selection of cardiac resynchronization therapy recipients. I.Simova /Bulgaria/ 4. LV haemodynamics in heart failure A. Nossikof /Bulgaria/ 5. Pressure strain loops in the evaluation of the LBBB- septal function and increased afterload TBA 6. Assessment of left atrial function- predictors of clinical success after PVI R. Radoslavova /Bulgaria/ 	<p>CONGENITAL HEART DISEASES II Chairmen: A. Dasheva , G. Di Salvo</p> <ol style="list-style-type: none"> 1. Tetralogy of Fallot preoperative anatomy, pathology, variation and dataset A. Dasheva /Bulgaria/ 2. Tetralogy of Fallot – echo and multimodality imaging during follow up Giovanni di Salvo / UK/ 3. Arch abnormalities – imaging in children and adults G. Elkilany/ UAE/ 4. Diastolic Dysfunction in ACHD W. Budts /Belgium/ 5. Heart failure in CHD A. Bhat /USA/ 6. Echo assessment of ACHD – from 2D to 3D W. Li /UK/ 7. Mechanical deformation in adults with unrepaired aortic coarctation N. Espinola-Zavaleta /Mexico/
13:00 - 14:00	<p>Lunch Satellite Symposium - Berlin Chemie in Paradise Blue Hotel, Hall Sea</p>		
14:30 - 16:30	<p>ADVANCE IN ISHEMIC HEART DISEASE - READ WITH EXERTS Chairmen: N. Zlatareva, F. Sozzi</p> <ol style="list-style-type: none"> 1. Echocardiographic assessment of patients with CAD- review of old and new techniques. N. Zlatareva /Bulgaria/ 2. Coronary assessment by non-invasive cardiac imaging I. Simova /Bulgaria/ 	<p>CLINICAL USE OF 2D SPECKLE TRACKING Chairmen: L. Vladimirova, P. Claus</p> <ol style="list-style-type: none"> 1. Deformation Imaging with tracking techniques, echo versus MRI. P. Claus / Belgium/ 2. Assessment of the layer strain. TBA 3. Right ventricle strain – better than classical parameters L. Badano /Italy/ 	<p>DISCOVERING EARLY HEART FAILURE IN CARDIOMYOPATHIES Chairmen: Y. Yotov, A. Varga</p> <ol style="list-style-type: none"> 1. HYPERTROPHIC CMP G. Elkilany /UAE/ 2. DILATED CMP Y. Yotov / Bulgaria/ 3. ARRHYTHMOGENIC CMP H. Reddy /USA/ 4. NON-COMPACTION CMP E. Kinova /Bulgaria/

	<ol style="list-style-type: none"> 3. Role of CMR in diagnosis of CA F. Sozzi /Italy / 4. Myocardial SPECT in the diagnosis of CAD G. Elkilany /UAE/ 5. New advances in percutaneous coronary intervention: new device, new techniques and more TBA 6. Imaging for assessment myocardial viability A. Singh /USA/ 	<ol style="list-style-type: none"> 4. Evidence matter – when and how to use 2D and 3D speckle tracking today? A. Gopal /USA/ 5. Lessons from the EACVI / ASE intervencor study J. Kasprzak /Poland/ 6. Right ventricular afterload and ventricular interdependency P. Claus /Belgium/ 	<ol style="list-style-type: none"> 5. INHERITANCE DISEASES AND CMP A. Varga/Hungary/ 6. Stress induced CMP T. Tak /USA/ 7. Myocarditis J. Nesser /Austria/
16:30 - 17:00	Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel		
17:00 - 19:00	HEART FAILURE Chairmen: L. Vladimirova, V.M. Parato <ol style="list-style-type: none"> 1. Incorporating guidelines in the clinical practice V. M. Parato /Italy/ 2. Systolic function in 2018 – role of twisting and deformation E. Donal / France/ 3. Diastolic function in 2018 – suction and relaxation F. Sozzi /Italy/ 4. What are the best prognostics markers in heart failure – imaging vs biomarkers S. Parashar /India/ 5. Stress echo in heart failure patients A. Salustri /Qatar/ 6. Myocardial dyssynchrony in HF M. Vadalazhkaya /Belarus/ 	Transesophageal / TOE/ echocardiography – from basic to the advance Chairmen: S. Marchev, N. Nanda <ol style="list-style-type: none"> 1. A comprehensive 2 D-3D study N. Nanda /USA/ 2. LV function assessment N. Nanda /USA/ 3. Prosthetic valves : echo challenges S. Laing /USA/ 4. TOE – artifacts and pitfalls L. Badano /Italy/ 5. TOE in ASD/ VSD closure S. Marchev 6. TOE and LAA closure R. Janardhanan /USA/ 	CARDIOONCOLOGY Chairmen: K. Hristova, E. Plonska <ol style="list-style-type: none"> 1. ESC guidelines on cancer therapy and cardiotoxicity E. Plonska /Poland/ 2. Can we still use EF for guiding oncology therapy – K. Hristova /Bulgaria/ 3. Biomarkers and cardiac imaging – the right balance for cardiotoxicity K. Maganti /USA/ 4. Radiation Related Cardiovascular Diseases and Valve diseases D. Gilon /Israel/ 5. Tumors of the heart – 34 years of experience at the National Institute of Cardiology Ignacio Chavez N. E. Zavaleta /Mexico/ 6. Heart masses – thrombus vs. tumors M. Vadalazhkaya /Belarus/ 7. Misdiagnosis for right atrial mass – a case report N. Espinola-Zavaleta /Mexico/
19:00 - 19:30	Satellite Symposium I KRKA	Satellite Symposium II SANDOZ	
20:30 - 22:30	Sponsor's evening		

	Saturday, 19 May Hall Sea /Paradise Blue Hotel/	Saturday, 19 May Hall Wind & Sky /Paradise Blue Hotel/	Saturday, 19 May Flamingo Grand Hall /Flamingo Grand Hotel/
8:30 - 10:00	MULTIMODALITY IMAGING IN ERA OF QUATIFICATION Chairmen: M. Gospodinova, G. Elkilany <ol style="list-style-type: none"> 1. Techniques for Valve Regurgitation H. Reddy /USA/ 2. Quantification of Left Ventricular Systolic Function G. Elkilany /UAE/ 3. Quantification of Right Ventricular Size and Function V. Sorrell /USA/ 4. Quantification of Atrial Function I. Vlasseros /Greece/ 5. Utility of Right Ventricular Strain Compared to Conventional Echo Quantification for Assessment of Cardiac MRI Evidenced Right Ventricular Dysfunction E. Sade /Turkey/ 6. Multimodality Imaging in Restrictive Cardiomyopathies M. Gospodinova/Bulgaria/ 	HIT –HOT SESSION My challenges clinical case Chairmen: A. Nossikof, R. Shabani <ol style="list-style-type: none"> 1. TBA 2. TBA 3. TBA 4. TBA 5. TBA 6. TBA 7. TBA 8 . TBA 	Advance imaging in echocardiography Chairmen: S. Marchev, I. Simova <ol style="list-style-type: none"> 1. Cardiac involvement and echocardiographic assessment in patients with neuro-muscular disorders M. Gospodinova /Bulgaria/ 2. Athetes Heart I. Simova /Bulgaria/ 3. RV function in pulmonary endarterectomy K .Muralidhar /India/ 4. Cardiac blood flow imaging in CAD TBA 5. Echocardiography for diagnosis of submasive pulmonary embolism R. Tandon /India/
10:00-10:30	Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel		
10:30 - 13:00	The Commons: Diabetic and Hypertensive Heart Disease Chairmen: L. Vadimirova, E. Srbinska <ol style="list-style-type: none"> 1. The Diabetic Heart S. Jovanova /Macedonia/ 2. The Hypertensive Heart R. Ivanova /Bulgaria/ 	Stress Echo for Valvular Heart Disease: Go with the Flow Chairmen: Y. Yotov, N. Kesser <ol style="list-style-type: none"> 1. Low Gradient Aortic Stenosis with Depressed Ejection Fraction A. Varga/Hungary/ 2. Low Gradient Aortic Stenosis with Normal Ejection Fraction A. Salustri /Italy/ 	Multimodality IMAGING FOR VASCULAR DISEASES Chairmen: E. Goranova, F. Sozzi <ol style="list-style-type: none"> 1. Utility and Limitations of Stress Echo in Evaluating Coronary Artery Disease A. Salustri/ Italy/ 2. CTA and FFRct in the Diagnosis of Coronary Artery Disease D. Vasilev /Bulgaria/

	<ol style="list-style-type: none"> 3. Ischemic Disease: Microvascular and Coronary Flow Reserve I. Simova/ Bulgaria/ 4. Vascular: Carotid Intima-Media Thickness M. Staneva/ Bulgaria / 5. Appropriate Echo Evaluation Follow-up for the Diabetic and/or Hypertensive Patient TBA 6. How to avoid pitfalls in interpretation of perfusion imaging A. Singh /USA/ 	<ol style="list-style-type: none"> 3. Mitral Stenosi R. Janavardhan/USA/ 4. Mitral Regurgitation N. Kesser /Turkey/ 5. Assessment of Pulmonary Hemodynamics V. Sorrell / USA/ 6. The role of echo in the timing of surgery/ intervention N. Kesser /Turkey/ 	<ol style="list-style-type: none"> 3. CMR in the Assessment of Ischemic Heart Disease F. Sozzi /Italy/ 4. Can Echo Imaging Complete with Other Modalities? TBA 5. Acute aortic syndrome and CTA B. Bogdanova /Bulgaria/ 6. Multumodality imaging in acute coronary syndrome M. Nedevska /Bulgaria/
13:00 - 14:00	Lunch Satellite Symposium of Actavis in Paradise Blue Hotel, Hall Sea		
14:30 - 16:30	<p>STRUCTURAL HEART DISEASES Chairmen: I. Petrov, M. Saric</p> <ol style="list-style-type: none"> 1. TAVR: TTE and TEE Evaluation K. Aggarwal /USA/ 2. MitraClip: Basic Echo Imaging for Routine Clip M. Saric/ USA/ 3. Imaging for Left Atrial Appendage Occlusion R. Janardhanan /USA/ 4. Echo Guidance for Paravalvular Leak Closure K. Aggarwal /USA/ 5. Percutaneous Treatment for Tricuspid Regurgitation St. Goldstein /USA/ 6. Balloon Mitral Valvuloplasty for Rheumatic Mitral Stenosis – TBA 7. Perc, utaneous Mitral Valve Replacement A. Gopal /USA/ 	<p>The Right Heart Chairmen: N. Zlatareva, V. Sorell</p> <ol style="list-style-type: none"> 1. Right Ventricular Chamber Quantification Update S. E. Catirli /Turkey/ 2. Incorporating New Technologies: Strain and 3DE for assessing right heart V. Sorrell /USA/ 3. Assessing Pulmonary Hypertension S. Goldstein/USA/ 4. Pulmonary Embolism vs. Right Ventricular Infarction E. Srbnovska /Macedonia/ 5. When It's NOT Right: Carcinoid, Ebstein's, and Tricuspid Valve Complications K. Hristova /Bulgaria/ 6. Right Ventricle Manifestations of Systemic Diseases N. Zlatareva/ Bulgaria/ 7. RV function in valvular diseases I. Vlasseros/Greece/ 	<p>Right heart: THERE IS CONGENITAL HEART DISEASES Chairmen: R. Marinov, TBA</p> <ol style="list-style-type: none"> 1. Volume Loaded Right Ventricle in Atrial Septal Defects A. Bhat /USA/ 2. The Right Ventricle in the Repaired Tetralogy of Fallot G. Di Salvo /Italy/ 3. The Systemic Right Ventricle: Corrected and Uncorrected Transposition R. Marinov/Bulgaria/ 4. Right Ventricle Response to Pressure Loads in Adults with Congenital Heart Disease TBA 5. Single Ventricle Fontan Circulation in the Adult W.Li /UK/
16:30 - 17:00	Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel		

17:00 - 19:00	<p>STRAIN IMAGING IN HEART FAILURE Chairmen: N. Nanda, L. Badano</p> <ol style="list-style-type: none"> 1. Evaluation of Ischemic Cardiomyopathy: Insights from Strain Imaging E. Sade/ Turkey/ 2. Strain in the Evaluation of Right Ventricular Performance L. Badano /Italy/ 3. Strain in the Evaluation of Nonischemic Cardiomyopathy TBA 4. Strain in the Evaluation of Hypertrophic Cardiomyopathy E. Donal /France/ 5. The Failing Right Ventricle in the Adult Congenital Heart Disease Patient: What Do We Image? TBA 6. Cardiac Resynchronization Therapy: Echo Before, During, and After Implantation E. Sade/ Turkey/ 	<p>Echo and Acute Myocardial Infarction Chairmen: E. Kinova, K. Maganty</p> <ol style="list-style-type: none"> 1. Prognostic Value of Echo/Doppler Findings Early After Myocardial Infarction G. Elkilany /UEA/ 2. Post Myocardial Infarction Complications I: Acute Mitral Regurgitation Post Myocardial Infarction K. Maganti /USA/ 3. Clinical Case 1. TBA 4. Right Ventricle Myocardial Infarction: Making the Diagnosis TBA 5. Clinical Case 2. TBA 6. Post Myocardial Infarction Complications II: Ventricular Septal Defect and Left Ventricular Rupture/Pseudoaneurysm TBA 7. Clinical case 3 TBA 	<p>CONTRAST ECHO Chairmen: Y. Yotov, R. Senior</p> <ol style="list-style-type: none"> 1. Using contrast in echocardiography – basic , principals, protocols Y. Yotov / Bulgaria/ 2. EACVI guidelines on contrast echocardiography update – 2018 R. Senior /UK/ 3. Using contrast echo in CHD S. Kutty /USA/ 4. Contrast stress echo imaging – when and whom? R. Senior /UK/ 5. Clinical cases illustrating the EACVI contrast echocardiography guidelines TBA
19:00 - 19:30	Symposium III	Symposium IV	
20:30 – 23:00	Gala Dinner /Casino Albena/		

	Sunday, 20 May Hall Sea /Paradise Blue Hotel/	Sunday, 20 May Hall Wind & Sky /Paradise Blue Hotel/
09:00 - 11:00	<p>THE ROLE OF ECHO IN EVOLUTION OF STROKE <i>Chairmen: P. Kratunkov, S. Laing</i></p> <ol style="list-style-type: none"> 1. Complex atheromatous aortic plaques : risk factors for embolization V. M. Parato /Italy 2. Which Patients with Stroke Should Undergo TEE? S. Laing /USA/ 3. Transcranial Doppler: Role in Cryptogenic Stroke M. Staneva /Bulgaria/ 4. Patent Foramen Ovale Evaluation and the Role of Closure P. Kratunkov /Bulgaria/ 5. Left Atrial Appendage Occlusion Therapies: Answered and Unanswered Questions R. Janardhanan /USA/ 6. Clinical Cases of Unusual Causes of Stroke TBA 	<p>Imaging the Aorta and Great Vessels <i>Chairmen: E. Goranova, F. Sozzi</i></p> <ol style="list-style-type: none"> 1. Arch Vessel Imaging for the Echocardiographe TBA 2. Screening of Aortic Disease: Familial, Abdominal Aortic Aneurysm, and Dissection I. Simova/ Bulgaria/ 3. Aortopathy and Aortic Disease Management TBA 4. Role of MM Imaging for assessment aorta and great vesels R. Janardhanan /USA/ 5. Clinical case S. Parashar /India/ 6. Clinical case F. Sozzi /Italy/ 7. Clinical case TBA
11:00 - 11:30	Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel	
11:00 - 14:00	<p>Integration of 2D and 3D TEE in Current Practice <i>Chairmen: L. Vladimirova, K. Aggarwal</i></p> <ol style="list-style-type: none"> 1. Basics of the 2D and 3D TEE Exam K. Aggarwal /USA/ 2. 2D/3D TEE for assessing valvular diseases – an European experience E. Donal /France/ 3. 2D/3D TEE in Guiding Valvular Interventions A. Gopal /USA/ 4. 2D/3D TEE in Guiding Atrial Interventions M. Saric /USA/ 	<p>HEART BREAKS – IMAGING IN MYOCARDIAL DISEASES <i>Chairmen: E. Kinova, I. Vlasseros</i></p> <ol style="list-style-type: none"> 1. Hypertensive Heart Disease TBA 2. Hypertrophic Cardiomyopathy N. Cardim /Portugal/ 3. Novel modalities for early recognition of dilated echocardiography S. Jovanova /Macedonia/ 4. Chemotherapy Induced Heart Failure D. Gilon /Israel/

	5. 2D/3D TEE in Congenital Heart Disease Interventions <i>S. Kutty /USA/</i>	5. Peripartal CMP <i>S. Laing /USA/</i> 6. Fabri disease <i>I. Vlasseros /Greece/</i>
13:50 - 14:00	Closing Ceremony in Paradise Blue Hotel, Hall Sea	

<p><u>Moderated poster session 18th May 2018 13:00-14:00</u> <i>Chairmen: N. Nanda, E. Kinova, A. Salustri, S. Kutty, L. Badano, V. Sorrell</i></p> <ol style="list-style-type: none"> 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 	<p><u>Moderated poster session 19th May 2018 13:00-14:00</u> <i>Chairmen: St. Goldstein, K. Hristova, E. Donal E. Sade, S. Laing. A. Bhat</i></p> <ol style="list-style-type: none"> 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
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