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Working Group on
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Imaging




XXIV World congress on echocardiography and cardiovascular imaging


17-20 May 2018
Albena Resort, Bulgaria

PROGRAM

Endorsed by:



EACVI
European Association of
Cardiovascular Imaging



European Society of Cardiology

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

K. Hristova

15:30-16:00 Coffee break

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

N. Nanda, K. Hristova

18:00 End of course – Certification



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	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: E.Kinova, H. Soliman <ol style="list-style-type: none"> 1. Integrated cardiac imaging in acute coronary syndrome G. Elkilany /UAE/ 2. Role of imaging in patients with shock H. Soliman /UK// 3. Acute pulmonary embolism or hypertension I. Vladimirova / Bulgaria / 4. Acute heart failure and echo imaging E. Srbnovska /FYROM/ 5. Echo in sudden cardiac death N. Cardim /Portugal/ 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. Echocardiography for diagnosis of submasive pulmonary embolism R. Tandon /India/ 6. Clinical case 1 The hidden endocarditis D. Gnanam /Netherlands/ 7. Clinical case 2 Aspergillus endocarditis R. Tandon /India/ 8. Clinical case 3: Q- fever endocarditis R. Ilieva /Bulgaria/ 	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 News in Practical guidelines: How to choose NOAC in different patients I. Savelieva /UK /		
13:30-15:30	VALVULAR HEART DISEASES I part Chairmen: I. Gruev, R. Pai <ol style="list-style-type: none"> Echocardiographic assessment of mitral stenosis R. Shabani /Bulgaria/ Echo evaluation of mitral regurgitation R. Pai /USA/ 3DE for valvular intervention M. Saric /USA/ Assesing valvular regurgitations from genetics to intervention N. Nanda /USA/ Role of CV imaging in the assessment of right heart structure and function in TR patients. JB. Park /South Korea/ Malignant mitral valve prolapse V. M. Parato /Italy/ 	BASIC OF CARDIAC ULTRASOUND I: Chairmen: M.Gospidinova, J. Nesser <ol style="list-style-type: none"> Physics, instrumentation and machine settings P. Malhotra /India/ The complete standard echo study R. Shabani /Bulgaria/ Common mistakes and pitfalls in 2DE: how to avoid them N. Nanda / USA / Facts or artifacts in 3D- echocardiography A.Gopal / USA/ Advance in non – invasive assessment of cardiac mechanics J. Nesser /Austria/ Determination of myocardial viability by echocardiography R. Senior /UK/ 	ASSESSMENT OF DIASTOLIC FUNCTION Chairmen: I. Simova, S. E. Catirli <ol style="list-style-type: none"> Guidelines for patients with HF_rEF E. Kinova /Bulgaria/ Diastolic stress echo I. Simova /Bulgaria / Assessment of LV filling pressure in primary pulmonary hypertension S. Kücüköğlü /Turkey/ LV vortex intensity and LV diastolic function R. Gupta /India/ Guidelines for patients with HF_pEF R. Shabani /Bulgaria/ Right ventricle function in HF_pEF 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	DIASTOLIC FUNCTION Chairmen: E.Kinova, F. Sozzi <ol style="list-style-type: none"> Mitral inflow, LA volumes, Tissue Doppler velocities and PA pressure F. Sozzi /Italy / LV strain and twist, LA strain A. Gopal /USA/ Diastolic function on right heart P. Manoria /India/ Clinical case: Breathlessness J. Nesser /Austria / The European experience: insight from Eurofilling study K. Hristova 	BASIC OF CARDIAC ULTRASOUND II: Chairmen: I.Gruev, P. Claus <ol style="list-style-type: none"> Stretch -strain relations: a new non-invasive approach to myocardial contractility P. Claus /Belgium/ 2D and 3 D strain in clinical practice J. Nesser /Austria/ 3DE in valvular diseases S. Shrivastava /India/ Intraoperative echocardiography P. Malhotra /India/ Moderator band – what does in moderate? M. Saric /USA/ 	CONGENITAL HEART DISEASE SESSION I Chairmen: P. Kratunkov, W. Budts <ol style="list-style-type: none"> Aortic valve and aortic arch in CHD W. Budts /Belgium/ Arch abnormalities – imaging in children and adults G. Elkilany/ UAE/ Patent foramen ovale –shunt quantification as a prerequisite for transcatheter closure M. Saric /USA/ How to image normal venous return and atria G. Di Salvo/USA/ Mechanical deformation in adults with unrepaired aortic coarctation N. Espinola-Zavaleta /Mexico/ Atrial fibrillation related to isolated persistent left superior vena cava- clinical case S. Slavcheva / Bulgaria /

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/
8:00 - 10:00	Valvular heart diseases II - Aortic stenosis – from natural history to intervention Chairmen: Y. Yotov, M. Saric <ol style="list-style-type: none"> Natural history, and current concept of AS <i>S. Shrivastava / India/</i> Doppler imaging of AS – tips and tricks <i>R. Pai /USA/</i> Role of 3DE and Multimodality imaging for assessing of AS <i>K. Aggarwal /USA/</i> Issue of trans catheter AVR – TAVR <i>M. Saric /USA /</i> Cardiac reverse remodeling after heart valve surgery <i>L. Vladimirova /Bulgaria/</i> Three challenges clinical cases <i>R. Pai /USA/</i> 	CLINICAL USE OF 2D SPECKLE TRACKING Chairmen: L. Vladimirova-Kitova, P. Claus <ol style="list-style-type: none"> Deformation Imaging with tracking techniques, echo versus MRI. <i>P. Claus / Belgium/</i> Assessment of the layer strain. <i>A. Gopal /USA/</i> Right ventricle strain – better than classical parameters <i>K. Hristova /Bulgaria/</i> Evidence matter – when and how to use 2D and 3D speckle tracking today? <i>A. Gopal /USA/</i> Lessons from the EACVI / ASE intervencor study <i>J. Kasprzak /Poland/</i> Right ventricular afterload and ventricular interdependency <i>P. Claus /Belgium/</i> 	CONGENITAL HEART DISEASES II Chairmen: G. Elkilany, G. Di Salvo <ol style="list-style-type: none"> Fetal echocardiography – to improve prenatal detection of CHD <i>A. Bhat /USA/</i> Tetralogy of Fallot preoperative anatomy and variation <i>P. Shivachev /Bulgaria/</i> Tetralogy of Fallot – echo and multimodality imaging during follow up <i>Giovanni Di Salvo / UK/</i> Echo evaluation for ventricular septum for intervention or surgery <i>A. Bhat /USA/</i> Diastolic Dysfunction in ACHD <i>W. Budts /Belgium/</i> Echo assessment of ACHD – from 2D to 3D <i>W. Li /UK/</i> Clinical case – Cor triatriatum <i>F. Sozzi /Italy/</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>LEFT VENTRICULAR 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 P. Manoria /India/ 5. Assessment of left atrial function- predictors of clinical success after PVI R. Radoslavova /Bulgaria/ 6. Multimodality imaging for diastolic function D. Neglia /Italy/ 	<p>ADVANCE ECHO TECHIQUES – BASICS, INDICATIONS, PROTOCOLS AND INTERPRETATIONS Chairmen: J. Kasprzak, A. Varga</p> <ol style="list-style-type: none"> 1. Stress –echocardiography in CAD A. Varga / Hungary/ 2. Stress echocardiography 2020 A. Salustri/ Qatar/ 3. Stress echocardiography in valvular diseases E. Plonska /Poland/ 4. Role of flow status by assessing aortic stenosis R. Senior / UK/ 5. Stress Echo for Risk Stratification J. Kasprzak /Poland/ 6. Value of incorporating contrast echo in stress – echocardiography R. Senior /UK/
13:00 - 14:00	<p>Lunch Satellite Symposium by Berlin Chemie in Paradise Blue Hotel, Hall Sea Echocardiographic assessment of the clinical effects of the therapy in patients with Cardiovascular diseases. K. Hristova /Bulgaria/, E. Kinova /Bulgaria/, V. Mincheva /Bulgaria/</p>		
14:30 - 16:30	<p>The Commons: Diabetic and Hypertensive Heart Disease Chairmen: L. Vadimirova-Kitova, E. Srbinovska</p> <ol style="list-style-type: none"> 1. The Diabetic Heart S. Jovanova /FYROM/ 2. The Hypertensive Heart R. Ivanova /Bulgaria/ 3. Ischemic Disease: Microvascular and Coronary Flow Reserve I. Simova/ Bulgaria/ 	<p>Oral Abstracts session I Chairmen: R. Shabani, E. Plonska</p> <ol style="list-style-type: none"> 1. Pulmonary artery pressure before and after Mitraclip I.Tonchev /Israel/ 2. Correlation between LAA spontaneous echo contrast and fractional change of its orifice area L. Mihov /Bulgaria/ 	<p>DISCOVERING EARLY HEART FAILURE IN CARDIOMYOPATIES 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. ARRITHMOGENIC CMP H. Reddy /USA/

	<ol style="list-style-type: none"> 4. Vascular: Carotid Intima-Media Thickness M. Staneva / Bulgaria / 5. Appropriate Echo Evaluation Follow-up for the Diabetic and/or Hypertensive Patient I. Gruev / Bulgaria / 6. How to avoid pitfalls in interpretation of perfusion imaging? A. Singh /USA/ 	<ol style="list-style-type: none"> 3. Pregnancy-associated myocardial infarction presenting as a peripartal cardiomyopathy in a 37-year-old woman D. Gencheva /Bulgaria/ 4. CLIP THE STITCH: Mitraclip techniques 5 years after Alfieri stitch mitral valve repair I. Tonchev /Israel/ 5. Left atria phasic function in HCP versus hypertensive heart disease in middle ages patients. A. Borizanova /Bulgaria/ 6. Rare case of paradoxal embolism D. Vassileva / Bulgaria / 7. Echocardiography in petroleum workers A. Sarma /India/ 8. A story with a sudden start and almost unexpected ending M. Vladova /Bulgaria/ 9. Non- bacterial thrombotic endocarditis in a patient with rheumatoid T. Kurteva /Bulgaria/ 	<ol style="list-style-type: none"> 4. NON-COMPACTION CMP E. Kinova /Bulgaria/ 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	<p>HEART FAILURE Chairmen: L. Vladimirova - Kitova, V.M. Parato</p> <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/ 	<p>Transesophageal / TOE/ echocardiography – from basic to the advance Chairmen: E. Kinova, N. Nanda</p> <ol style="list-style-type: none"> 1. Basics of the 2D and 3D TEE Exam K. Aggarwal /USA/ 2. LV function assessment N. Nanda /USA/ 3. Prosthetic valves : echo challenges S. Laing /USA/ 4. 3DE TEE in cardiac surgery P. Malhotra /India/ 5. TOE in ASD/ VSD closure K. Maganti /USA/ 6. TOE and LAA closure R. Janardhanan /USA/ 	<p>CARDIOONCOLOGY Chairmen: K. Hristova, E. Plonska</p> <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. Heart masses – thrombus vs. tumors M. Vadalazhkaya /Belarus/ 5. Tumors of the heart – 34 years of experience at the National Institute of Cardiology Ignacio Chavez N. E. Zavaleta /Mexico/ 6. Radiation Related Cardiovascular Diseases and Valve diseases E. Srbinska / FYROM/ 7. Misdiagnosis for right atrial mass – a case report

			<i>N. Espinola-Zavaleta /Mexico/</i> 8. Fibroelastoma – clinical case <i>D. Vassileva / Bulgaria/</i>
19:00 - 19:30	Satellite Symposium I KRKA <i>Chairman: A. Gudev /Bulgaria/</i> A step further in treatment of CV diseases <i>M. Sabovic /Slovenia/</i>	Satellite Symposium II SANDOZ Benefits beyond the Anti-Hypertensive effect of Dipperam (Amlodipine / Valsartan) - favorable early Echocardiographic implications of subclinical atherosclerosis <i>Y. Simova / Bulgaria/</i>	
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 <i>Chairmen: M. Gospodinova, G. Elkilany</i> 1. Techniques for Valve Regurgitation <i>H. Reddy /USA/</i> 2. Quantification of Left Ventricular Systolic Function <i>G. Elkilany /UAE/</i> 3. Quantification of Right Ventricular Size and Function <i>V. Sorrell /USA/</i> 4. Quantification of Atrial Function <i>I. Vlasseros /Greece/</i> 5. Utility of Right Ventricular Strain Compared to Conventional Echo Quantification for Assessment of Cardiac MRI Evidenced Right Ventricular Dysfunction <i>E. Sade /Turkey/</i> 6. Multimodality Imaging in Restrictive Cardiomyopathies <i>M. Gospodinova/Bulgaria/</i>	Stress Echo for Valvular Heart Disease: Go with the Flow <i>Chairmen: Y. Yotov, N. Kesser</i> 1. Low Gradient Aortic Stenosis with Depressed Ejection Fraction <i>A. Varga/Hungary/</i> 2. Low Gradient Aortic Stenosis with Normal Ejection Fraction <i>A. Salustri /Italy/</i> 3. Mitral Stenosis <i>R. Janavardhan/USA/</i> 4. Mitral Regurgitation <i>N. Kesser /Turkey/</i> 5. Assessment of Pulmonary Hemodynamics <i>V. Sorrell / USA/</i> 6. The role of echo in the timing of surgery/ intervention <i>N. Kesser /Turkey/</i>	Advance imaging in echocardiography <i>Chairmen: E. Manov, I. Simova</i> 1. Cardiac involvement and echocardiographic assessment in patients with neuro-muscular disorders <i>M. Gospodinova /Bulgaria/</i> 2. Athetes Heart <i>Y. Simova /Bulgaria/</i> 3. RV function in pulmonary endarterectomy <i>M. Kanchi /India/</i> 4. Cardiac blood flow imaging in CAD <i>K. Hristova /Bulgaria/</i> 5. Pulmonary Embolism vs. Right Ventricular Infarction <i>E. Srbinska /FYROM/</i> 6. Dobutamin stress –echocardiography in CAD <i>G. Litsova/ Bulgaria/</i>

10:00-10:30	Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel		
10:30 - 13:00	<p>ADVANCE IN ISHEMIC HEARD DISEASE - READ WITH EXERTS Chairmen: I. Simova, A. Singh</p> <ol style="list-style-type: none"> 1. Echocardiographic assessment of patients with CAD- review of old and new techniques. K. Hristova /Bulgaria/ 2. Coronary assessment by non-invasive cardiac imaging I. Simova /Bulgaria/ 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 K. Karamfilov /Bulgaria / 6. Imaging for assessment myocardial viability A. Singh /USA/ 	<p>HIT –HOT SESSION My challenges clinical case Chairmpartaen: L. Vladimirova-Kitova, R. Shabani</p> <ol style="list-style-type: none"> 1. Granulomatosis with Polyangiitis (GPA) and an Acute Cardiovascular Event N. Spasova /Bulgaria/ 2. Challenges in the management of a patient with AF. V. Konstantinova /Bulgaria/ 3. Challenges in the management of a patients with NCLV and VT L. Zolumova /Bulgaria/ 4. RV noncompaction I. Gruev /Bulgaria/ 5. Peripartal CMP I. Bayraktarova/ Bulgaria/ 6. Patient with L/R shunt on three levels N. Marinov / Bulgaria/ 7. Tricuspid valvuloplasty I. Stanilov / Bulgaria / 8. Pulmonary embolism T. Tak /USA/ 9. Clinical cases of rheumatic heart diseases D. Roychoudhury /USA/ 	<p>Multimodality IMAGING FOR VASCULAR DISEASES Chairmen: E. Goranova, D. Vasilev</p> <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/ 3. CMR in the Assessment of Ischemic Heart Disease F. Sozzi /Italy/ 4. Can Echo Imaging Complete with Other Modalities? D. Neglia /Italy/ 5. Acute aortic syndrome and CTA B. Bogdanova /Bulgaria/ 6. Multumodality imaging in acute coronary syndrome M. Nedevska /Bulgaria/ 7. Incremental value of multisliced coronary tomppgraphy over angiography for left main disease. F. Ilgenli / Turkey/ 8. Clinical case : Multimodality Imaging in vessel diseases B. Kunev /Bulgaria/
13:00 – 14:00	<p>Lunch Satellite Symposium by Actavis in Paradise Blue Hotel, Hall Sea Eplerenone in the treatment of heart failure Chairman: I. Gruev /Bulgaria/</p> <p>13:00 - 13:30 Evaluation of the safety and tolerance profile of eplerenone and spironolactone in patients with heart failure with reduced global ejection fraction - monocentric comparative study E. Manov /Bulgaria/</p> <p>13:40 - 13:50 Eplerenone – clinical case of patient with heart failure with reduced ejection fraction D. Vasileva /Bulgaria/</p> <p>13:50-14:00 Discussion</p>		

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 – K. Karamfilov /Bulgaria / 7. Percutaneous Mitral Valve Replacement A. Gopal /USA/ 	<p>The Right Heart Chairmen: L. Vladimirova =Kitova, 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. Echo in pulmonary embolism I.Mikati /USA/ 5. Right Ventricle Manifestations of Systemic Diseases E. Kinova /Bulgaria/ 6. RV function in valvular diseases I. Vlasseros /Greece/ 7. When It's NOT Right: Carcinoid, Ebstein's, and Tricuspid Valve Complications K. Hristova /Bulgaria/ 	<p>Right heart: THERE IS CONGENITAL HEART DISEASES Chairmen: S. Kutty, W. Li</p> <ol style="list-style-type: none"> 1. Role of prenatal echo for early detection of CHD K. Chacheva /Bulgaria/ 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 S. Kutty/ USA/ 5. Single Ventricle Fontan Circulation in the Adult W.Li /UK/ 6. Echocardiography estimation of native preoperative anatomy of pulmonic atresia with intact ventricular septum B. Ganev /Bulgaria/ 7. Rare congenital heart diseases D. Roychoudhury /USA/
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,E. Sade</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 Nonischemic Cardiomyopathy I.Mikati /USA/ 3. Strain in the Evaluation of Hypertrophic Cardiomyopathy E. Donal /France/ 4. Cardiac Resynchronization Therapy: Echo Before, During, and After Implantation E. Sade/ Turkey/ 5. Pressure strain loops in the evaluation of the LBBB. E. Donal /France/ 	<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. RV infarction – clinical case K. Hristova / Bulgaria/ 4.Right Ventricle Myocardial Infarction: Making the Diagnosis R. Shabani / Bulgaria/ 5. Clinical Case 2. N. Spasova / Bulgaria/ 	<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. Contrast beyond endocardial border definition - improving our diagnostic value S. Kutty /USA/ 6. Clinical cases illustrating the EACVI contrast echocardiography guidelines K. Hristova/Bulgaria/

	6. 2D and 4DX-strain technology – an incremental value in your everyday practice M. Maglione /Italy/	6. Post Myocardial Infarction Complications II: Ventricular Septal Defect and Left Ventricular Rupture/Pseudoaneurysm I. Gruev /Bulgaria/	
19:00 - 19:30	ESAOTE	Satellite Symposium IV Novartis	
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 Chairmen: P. Kratunkov, S. Laing</p> <ol style="list-style-type: none"> Complex atheromatous aortic plaques: risk factors for embolization V. M. Parato /Italy/ Which Patients with Stroke Should Undergo TEE? S. Laing /USA/ Transcranial Doppler: Role in Cryptogenic Stroke M. Staneva /Bulgaria/ Patent Foramen Ovale Evaluation and the Role of Closure P. Kratunkov /Bulgaria/ Left Atrial Appendage Occlusion Therapies: Answered and Unanswered Questions R. Janardhanan /USA/ Clinical Cases of Unusual Causes of Stroke M. Staneva /Bulgaria/ 	<p>Imaging the Aorta and Great Vessels Chairmen: E. Goranova, F. Sozzi</p> <ol style="list-style-type: none"> Screening of Aortic Disease: Familial, Abdominal Aortic Aneurysm, and Dissection I. Simova /Bulgaria/ Arch Vessel Imaging for the Echocardiographers A. Kisheva /Bulgaria/ Aortopathy and Aortic Disease Management Sv. Tsonev / Bulgaria/ Role of MM Imaging for assessment aorta and great vessels R. Janardhanan /USA/ Clinical case S. Parashar /India/ 6. Clinical case coronary –cameral fistula F. Sozzi /Italy/ Clinical case - Pulmonal ectasia K. Hristova /Bulgaria/
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 and multimodality imaging in Current Practice Chairmen: L. Vladimirova -Kitova, A.Gopal</p> <ol style="list-style-type: none"> 1. A comprehensive 2 D-3D study N. Nanda /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/ 5. Echo and Multimodality imaging in Congenital Heart Disease Interventions S. Kutty /USA/ 6. Echo assessment of rheumatic mitral stenosis before and after PTCM A. Majumder /Bangladesh/ 	<p>HEART BREAKS – IMAGING IN MYOCARDIAL DISEASES Chairmen: E. Kinova, I. Vlasseros</p> <ol style="list-style-type: none"> 1. Hypertensive Heart Disease E. Kinova /Bulgaria/ 2. Hypertrophic Cardiomyopathy N. Cardim /Portugal/ 3. Novel modalities for early recognition of dilated echocardiography S. Jovanova /FYROM/ 4. Chemotherapy Induced Heart Failure K. Hristova/Bulgaria/ 5. Peripartal CMP S. Laing /USA/ 6. Fabry disease I. Vlasseros /Greece/
13:50 - 14:00	Closing Ceremony in Paradise Blue Hotel, Hall Sea	

Moderated poster session 18th May 2018 13:00-14:00

Chairmen: N. Nanda, E. Kinova, A. Salustri, S. Kutty, L. Badano, V. Sorrell

1. Anthropometric parameters as a predictors of myocardial dysfunction in patients with asymptomatic type 2 Diabetes mellitus
Slavica Mitrovska, , Silvana Jovanova /FYROM/
2. CT assessment of normal variant of LAA anatomy -a case with diverticula and accessory appendage.
P. Popeski, B. Bogdanova, K. Genova /Bulgaria/
3. Hypertrophic CMP in infant
K. Ganeva , P. Shivachev /Bulgaria /
4. Acute aortic syndrome – CT assessment
B.Bogdanova , K.Genova, P.Popeski / Bulgaria/
5. Atrial fibrillation related to isolated persistent left superior vena cava.
S. Slavcheva, A/ Angelov, G. Dimitrova
6. What of type CMP ?
K. Gospodinov, S.Tisheva /Bulgaria/
7. Ruptured sinus of Valsalva aneurism
A. Nikolova, A. Peneva, A. Shaban, M. Milanova /Bulgaria/
8. Expect the unexpected
A. Kisheva, Y. Yotov / Bulgaria/
9. Libman Sacks endocarditis of aortic valve in patients with SLE
D. Somleva, E. Kinova, N. Spasova, B.Krastev, A. Goudev /Bulgaria/
10. Hypertrophic cardiomyopathy as a first presentation of Anderson-Fabry disease, diagnosed with cardiac magnetic resonance
K. Genova , M. Denev , H. Mateev /Bulgaria/

Moderate Poster session 19th May 2018 13:00-14:00

Chairmen: St. Goldstein, K. Hristova, E. Donal E. Sade, S. Laing. A. Bhat

1. Emotional status of patients prior to echocardiography
A. Rasheva / Bulgaria /
2. A rare case of Bland-White- Garland syndrome in a 60-year- old woman
P.T. Hao / Vietnam/
3. Pregnancy-associated myocardial infarction presenting as a peripartal cardiomyopathy in a 37 year old woman
L. Vladimirova-Kitova , F. Nikolov , D/ Gencheva , N. Atanasov, S. Kitov /Bulgaria/
4. A case of calcific chronic constrictive tuberculosis pericarditis
P.T. Hao / Vietnam/
5. A case of haemorrhagic tamponade due to right atrium angiosarcoma
P. T. Hao / Vietnam/
6. A case of arrhythmogenic right ventricular cardiomyopathy
P. T. Hao / Vietnam/
7. Correlation between left atrial appendage spontaneous echocontrast and the fractional change of its orifice area
L. Mihov, A. Aliev, V. Nedyalkova /Bulgaria/
8. Impact of CRT on parameters of myocardial dyssynchrony in patients with chronic heart failure and arterial fibrillation
T. Troyanova-Shchutskaya, A. Kurlainskaya, T. Denisevich, D. Goncharik, A. Chasnoyt, T. Asmalouskaya / Belarus/
9. Patient with left to right shunt on three levels
N. Marinov, Z. Stankov, I. Petrov, Y. Simova /Bulgaria /
10. Granulomatosis With Polyangiitis (GPA) and an Acute Cardiovascular Event
N. Spasova, E. Kinova, D. Somleva, B. Krastev, A. Goudev /Bulgaria/