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XXIV

WORLD CONGRESS OF ECHOCARDIOGRAPHY AND CARDIOVASCULAR IMAGING

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Recent Advances in Echocardiography
and Cardiovascular Imaging

17-20
MAY 2018

Albena Resort • Bulgaria

PROGRAM

	SEA HALL <i>/Paradise Blue Hotel/</i>	WIND & SKY HALL <i>/Paradise Blue Hotel/</i>	FLAMINGO GRAND HALL <i>/Flamingo Grand Hotel/</i>
08:00 - 20:00	Registration /Main lobby of Paradise Blue Hotel/		
10:00 - 12:00	ECHO IN CRITICAL ILL PATIENTS	CLINICAL FOCUS: Endocarditis	CARDIOMYOPATHY AND PERICARDIAL DISEASES
12:00 - 13:30	Lunch Symposium BAYER /Paradise Blue Hotel/		
13:30-15:30	VALVULAR HEART DISEASES I part	BASIC OF CARDIAC ULTRASOUND I	ASSESSMENT OF DIASTOLIC FUNCTION
15:30 - 16:00	Coffee Break and visit to the exhibition /lobby of Paradise Blue Hotel, Sea Hall/		
16:00 - 18:00	DIASTOLIC FUNCTION	BASIC OF CARDIAC ULTRASOUND II	CONGENITAL HEART DISEASE SESSION I
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 /Sea Hall/ Welcome Reception /lobby of Paradise Blue Hotel/		

**Sea Hall
/Paradise Blue Hotel/**

08:00 - 10:00 Registration /lobby of Paradise Blue Hotel/

10:00 - 12:00 ECHO IN CRITICAL ILL PATIENTS

Chairmen: E.Kinova, H. Soliman

10:00 - 10:20 Integrated cardiac imaging in acute coronary syndrome
G. Elkilany /UAE/

10:20 - 10:40 Role of imaging in patients with shock
H. Soliman /UK/

10:40 - 11:00 Acute pulmonary embolism or hypertension
L. Vladimirova /Bulgaria/

11:00 - 11:20 Acute heart failure and echo imaging
E. Srbinovska /FYROM/

11:20 - 11:40 Echo in sudden cardiac death
N. Cardim /Portugal/

11:40 - 12:00 Lung Ultrasound
H. Soliman /UK/

12:00 - 13:30 Lunch Symposium BAYER in Paradise Blue Hotel, Sea Hall

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

13:30 - 13:50 Echocardiographic assessment of mitral stenosis
R. Shabani /Bulgaria/

13:50 - 14:10 Echo evaluation of mitral regurgitation
R. Pai /USA/

- 14:10 - 14:30 3D for valvular intervention
M. Saric /USA/
-
- 14:30 - 14:50 Assessing valvular regurgitations from genetics to intervention
N. Nanda /USA/
-
- 14:50 - 15:10 Role of CV imaging in the assessment of right heart structure and function in TR patients.
JB. Park /South Korea/
-
- 15:10 - 15:30 Malignant mitral valve prolapse
V. M. Parato /Italy/
-
- 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
-
- 16:00 - 16:20 Mitral inflow, LA volumes, Tissue Doppler velocities and PA pressure
F. Sozzi /Italy/
-
- 16:20 - 16:40 LV strain and twist, LA strain
A. Gopal /USA/
-
- 16:40 - 17:00 Diastolic function on right heart
P. Manoria /India/
-
- 17:00 - 17:10 Clinical case: Breathlessness
J. Nesser /Austria/
-
- 17:10 - 17:30 The European experience: insight from Eurofilling study
K. Hristova /Bulgaria/
-

18:00 - 18:30 Presidential lecture
K. Hristova /Bulgaria/

Presidential Lecture - Echo from 50's to 2018
N. Nanda /USA/

Wind & Sky Hall
/Paradise Blue Hotel/

08:00 - 10:00 Registration /lobby of Paradise Blue Hotel/

10:00 - 12:00 CLINICAL FOCUS: Endocarditis

Chairmen: K. Hristova, E. Plonska

10:00-10:18 Inside from the new ESC guidelines
E. Plonska /Poland/

10:18-10:36 Endocarditis and its complications
V. M. Parato /Italy/

10:36-10:54 Prosthetic valve endocarditis
A. Aleksiev /Bulgaria/

10:54-11:12 Right side endocarditis
K. Hristova /Bulgaria/

11:12-11:30 Echocardiography for diagnosis of submassive pulmonary embolism
R. Tandon /India/

11:30-11:40 Clinical case 1
The hidden endocarditis
D. Gnanam /Netherlands/

11:40-11:50 Clinical case 2
Aspergillus endocarditis
R. Tandon /India/

11:50-12:00 Clinical case 3
Q- fever endocarditis
R. Ilieva /Bulgaria/

12:00 - 13:30 Lunch Symposium BAYER in Paradise Blue Hotel, Sea Hall

News in Practical guidelines: How to choose NOAC in different patients
I. Savelieva /UK/

13:30 - 15:30 BASIC OF CARDIAC ULTRASOUND I:*Chairmen: M. Gospidinova, J. Nesser*

-
- 13:30-13:50 Physics, instrumentation and machine settings
P. Malhotra /India/
-
- 13:50-14:10 The complete standard echo study
R. Shabani /Bulgaria/
-
- 14:10-14:30 Common mistakes and pitfalls in 2D: how to avoid them
N. Nanda /USA/
-
- 14:30-14:50 Facts or artifacts in 3D echocardiography
R. Janardhanan /USA/
-
- 14:50-15:10 Advance in non - invasive assessment of cardiac mechanics
J. Nesser /Austria/
-
- 15:10-15:30 Determination of myocardial viability by echocardiography
R. Senior /UK/
-
- 15:30 - 16:00 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel**
-
- 16:00 - 18:00 BASIC OF CARDIAC ULTRASOUND II**
Chairmen: I. Gruev, P. Claus
-
- 16:00-16:20 Stretch -strain relations: a new non-invasive approach to myocardial contractility
P. Claus /Belgium/
-
- 16:20-16:40 2D and 3D strain in clinical practice
J. Nesser /Austria/
-
- 16:40-17:00 3D in valvular diseases
S. Shrivastava /India/
-
- 17:00-17:20 Intraoperative echocardiography
P. Malhotra /India/
-
- 17:20-17:40 Moderator band - what does in moderate?
M. Saric /USA/

**Flamingo Grand Hall
/Flamingo Grand Hotel/****08:00 - 10:00 Registration /lobby of Paradise Blue Hotel /****10:00 - 12:00 CARDIOMYOPATHY AND PERICARDIAL DISEASES***Chairmen: Sv. Tsonev, V. M. Parato*

-
- 10:00-10:20 LV hypertrophy: athletes vs. hypertensive vs. hypertrophic cardiomyopathy
N. Cardim /Portugal/
-
- 10:20-10:40 Restrictive CMP vs. constrictive pericarditis. Transient constrictive pericarditis
I. Simova /Bulgaria/
-
- 10:40-11:00 How to use imaging in acute and chronic pericardial diseases?
R. Shabani /Bulgaria/
-
- 11:00-11:20 Management of pericardial diseases in era of multimodality imaging
Sv. Tsonev /Bulgaria/
-
- 11:20-11:40 Stress CMP and noncompaction: echo in context of multimodality imaging
V. M. Parato /Italy/
-
- 11:40-12:00 Apical HCP - a challenge in diagnosis
N. Espinola-Zavaleta /Mexico/
-
- 12:00 - 13:30 Lunch Symposium BAYER in Paradise Blue Hotel, Sea Hall**
News in Practical guidelines: How to choose NOAC in different patients
I. Savelieva /UK/

13:30 - 15:30 ASSESSMENT OF DIASTOLIC FUNCTION*Chairmen: I. Simova, S. E. Catirli*

13:30-13:50 Guidelines for patients with HFrEF
E. Kinova /Bulgaria/

13:50-14:10 Diastolic stress echo
I. Simova /Bulgaria/

14:10-14:30 Assessment of LV filling pressure in primary pulmonary hypertension
S. Küçüköglü /Turkey/

14:30-14:50 LV vortex intensity and LV diastolic function
R. Gupta /India/

14:50-15:10 Guidelines for patients with HFpEF
R. Shabani /Bulgaria/

15:10-15:30 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 CONGENITAL HEART DISEASE SESSION I***Chairmen: P. Kratunkov, W. Budts*

16:00-16:20 Aortic valve and aortic arch in CHD
W. Budts /Belgium/

16:20-16:40 Arch abnormalities - imaging in children and adults
G. Elkilany /UAE/

16:40-17:00 Patent foramen ovale -shunt quantification as a prerequisite for transcatheter closure
M. Saric /USA/

17:00-17:20 How to image normal venous return and atria
G. Di Salvo /USA/

17:20-17:40 Mechanical deformation in adults with unrepaired aortic coarctation
N. Espinola-Zavaleta /Mexico/

17:40-17:50 Atrial fibrillation related to isolated persistent left superior vena cava- clinical case
S. Slavcheva /Bulgaria/

	SEA HALL <i>/Paradise Blue Hotel/</i>	WIND & SKY HALL <i>/Paradise Blue Hotel/</i>	FLAMINGO GRAND HALL <i>/Flamingo Grand Hotel/</i>
08:00 - 10:00	Valvular heart diseases II - Aortic stenosis - from natural history to intervention	CLINICAL USE OF 2D SPECKLE TRACKING	CONGENITAL HEART DISEASES II
10:00- 10:30	Coffee Break and visit to the exhibition <i>/lobby of Paradise Blue Hotel/</i>		
10:30 - 13:00	JOINT SESSION WITH KOREAN SOCIETY OF ECHOCARDIOGRAPHY, BWG OF CVI AND ISCU - UP TO DATE RESEARCH ON LV FUNCTION	LEFT VENTRICULAR FUNCTION	ADVANCE ECHO TECHNIQUES - BASICS, INDICATIONS, PROTOCOLS AND INTERPRETATIONS
13:00 - 14:00	Lunch Satellite Symposium Berlin Chemie <i>/Paradise Blue Hotel, Sea Hall/</i>		
13:00 - 14:00	Moderated poster session I <i>/lobby of Paradise Blue Hotel/</i>		
14:30 - 16:30	THE COMMONS: DIABETIC AND HYPERTENSIVE HEART DISEASE	ORAL ABSTRACTS SESSION I	DISCOVERING EARLY HEART FAILURE IN CARDIOMYOPATIES
16:30 - 17:00	Coffee Break and visit to the exhibition <i>/lobby of Paradise Blue Hotel/</i>		
17:00 - 19:00	HEART FAILURE	Transesophageal /TOE/ ECHOCARDIOGRAPHY - from basic to the advance	CARDIOONCOLOGY
19:00 - 19:30	SATELLITE SYMPOSIUM KRKA	SATELLITE SYMPOSIUM SANDOZ	
20:30 - 22:30	Sponsor's evening		

**Sea Hall
/Paradise Blue Hotel/**

- 8:00 - 10:00 Valvular heart diseases II
Aortic stenosis - from natural history to intervention**
Chairmen: Y. Yotov, M. Saric
-
- 08:00-08:20 Natural history, and current concept of AS
S. Shrivastava /India/
-
- 08:20-08:40 Doppler imaging of AS - tips and tricks
R. Pai /USA/
-
- 08:40-09:00 Role of 3D and Multimodality imaging for assessing of AS
K. Aggarwal /USA/
-
- 09:00-09:20 Issue of transcatheter AVR - TAVR
M. Saric /USA/
-
- 09:20-09:40 Cardiac reverse remodeling after heart valve surgery
L. Vladimirova /Bulgaria/
-
- 09:40-10:00 Three challenges clinical cases
R. Pai /USA/
-
- 10:00 - 10:30 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel**
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- 10:30 - 13:00 JOINT SESSION WITH Korean Society of Echocardiography, BWG of CVI and ISCU - Up to date research on LV function**
Chairmen: K. Hristova, JB. Park
- 
-
- 10:30-10:50 Assessment of Central Hemodynamics using Noninvasive Cardiovascular Imaging
W. I. Yang /South Korea/
-
- 10:50-11:10 Echocardiography and multimodality imaging in patient with HFpEF
JB. Park /South Korea/

- 11:10-11:30 Treatment and prevention of cardiotoxicity from cancer treatment
E. Kinova /Bulgaria/
-
- 11:30-11:50 Dyspnea in HCMP - a complex cardiac and ventilatory interactions - based on cardiopulmonary test and stress echocardiography
K. Hristova /Bulgaria/
-
- 11:50-12:10 An usual case of LV apex involvement in HCMP
V. M. Parato /Italy/
-
- 12:10-12:30 Clinical case of involvement of LV function by FMF
L. Andreeva /Bulgaria/
-
- 12:30-12:45 Discussion
-
- 13:00 - 14:00 Lunch Satellite Symposium by Berlin Chemie in Paradise Blue Hotel, Sea Hall**
Echocardiographic assessment of the clinical effects of the therapy in patients with Cardiovascular diseases.
K. Hristova /Bulgaria/, E. Kinova /Bulgaria/, V. Mincheva /Bulgaria/
-
- 14:30 - 16:30 The Commons: Diabetic and Hypertensive Heart Disease**
Chairmen: L. Vladimirova-Kitova, E. Srbinovska
-
- 14:30-14:50 The Diabetic Heart
S. Jovanova /FYROM/
-
- 14:50-15:10 The Hypertensive Heart
R. Ivanova /Bulgaria/
-
- 15:10-15:30 Ischemic Disease: Microvascular and Coronary Flow Reserve
I. Simova /Bulgaria/
-
- 15:30-15:50 Vascular: Carotid Intima-Media Thickness
M. Staneva /Bulgaria/

- 15:50-16:10 Appropriate Echo Evaluation Follow-up for the Diabetic and/or Hypertensive Patient
I. Gruev /Bulgaria/
-
- 16:10-16:30 How to avoid pitfalls in interpretation of perfusion imaging?
A. Singh /USA/
-
- 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-Kitova, V. M. Parato
-
- 17:00-17:20 Incorporating guidelines in the clinical practice
V. M. Parato /Italy/
-
- 17:20-17:40 Systolic function in 2018 - role of twisting and deformation
E. Donal /France/
-
- 17:40-18:00 Diastolic function in 2018 - suction and relaxation
F. Sozzi /Italy/
-
- 18:00-18:20 What are the best prognostics markers in heart failure - imaging vs biomarkers
S. Parashar /India/
-
- 18:20-18:40 Stress echo in heart failure patients
A. Salustri /Qatar/
-
- 18:40-19:00 Myocardial dyssynchrony in HF
M. Vadalazhkaya /Belarus/
-
- 19:00 - 19:30 Satellite Symposium KRKA**
Chairman: A. Gudev /Bulgaria/
A step further in treatment of CV diseases
M. Sabovic /Slovenia/
-
- 20:30 - 22:30 Sponsor's evening**
/lobby of Paradise Blue Hotel/

**Wind & Sky Hall
/Paradise Blue Hotel/**
8:00 - 10:00 CLINICAL USE OF 2D SPECKLE TRACKING

Chairmen: L. Vladimirova-Kitova, P. Claus

08:00-08:20 Deformation Imaging with tracking techniques, echo versus MRI.

P. Claus /Belgium/

08:20-08:40 Assessment of the layer strain

A. Gopal /USA/

08:40-09:00 Right ventricle strain - better than classical parameters

K. Hristova /Bulgaria/

09:00-09:20 Evidence matter - when and how to use 2D and 3D speckle tracking today?

A. Gopal /USA/

09:20-09:40 Lessons from the EACVI/ASE intervivor study

J. Kasprzak /Poland/

09:40-10:00 Right ventricular afterload and ventricular interdependency

P. Claus /Belgium/

10:00 - 10:30 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel
10:30 - 13:00 LEFT VENTRICULAR FUNCTION

Chairmen: R. Radoslavova, J. Nesser

10:30-10:50 Cardiac chamber quantifications according to the guidelines

St. Goldstein /USA/

10:50-11:10 3D echocardiography in LV assessment

J. Nesser /Austria/

11:10-11:30 Guidelines based selection of cardiac resynchronization therapy recipients.
I. Simova /Bulgaria/

11:30-11:50 LV haemodynamics in heart failure
P. Manoria /India/

11:50-12:10 Assessment of left atrial function- predictors of clinical success after PVI
R. Radoslavova /Bulgaria/

12:10-12:30 Multimodality imaging for diastolic function
D. Neglia /Italy/

**13:00 - 14:00 Lunch Satellite Symposium by Berlin Chemie in Paradise Blue Hotel, Sea Hall
Echocardiographic assessment of the clinical effects of the therapy in patients with Cardiovascular diseases.**

K. Hristova /Bulgaria/, E. Kinova /Bulgaria/,
V. Mincheva /Bulgaria/

14:30 - 16:30 Oral Abstracts session I

Chairmen: R. Shabani, E. Plonska

14:30-14:40 Pulmonary artery pressure before and after Mitraclip
I. Tonchev /Israel/

14:40-14:50 Correlation between LAA spontaneous echo contrast and fractional change of its orifice area
L. Mihov /Bulgaria/

14:50-15:00 Pregnancy-associated myocardial infarction presenting as a peripartal cardiomyopathy in a 37-year-old woman
D. Gencheva /Bulgaria/

15:00-15:10 CLIP THE STITCH: Mitraclip techniques 5 years after Alfieri stitch mitral valve repair
I. Tonchev /Israel/

15:10-15:20 Left atria phasic function in HCP versus hypertensive heart disease in middle ages patients.
A. Borizanova /Bulgaria/

15:20-15:30 Rare case of paradoxal embolism
D. Vassileva /Bulgaria/

15:30-15:40 Echocardiography in petroleum workers
A. Sarma /India/

15:40-15:50 A story with a sudden start and almost unexpected ending
M. Vladova /Bulgaria/

15:50-16:00 Non- bacterial thrombotic endocarditis in a patient with rheumatoid
T. Kurteva /Bulgaria/

16:00-16:30 Discussion

16:30 - 17:00 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel

17:00 - 19:00 Transesophageal /TOE/ echocardiography - from basic to the advance
Chairmen: E. Kinova, N. Nanda

17:00-17:20 Basics of the 2D and 3D TEE Exam
K. Aggarwal /USA/

17:20-17:40 LV function assessment
N. Nanda /USA/

17:40-18:00 Prosthetic valves: echo challenges
S. Laing /USA/

18:00-18:20 3D TEE in cardiac surgery
P. Malhotra /India/

18:20-18:40 TOE in ASD/VSD closure
K. Maganti /USA/

18:40-19:00 TOE and LAA closure
R. Janardhanan /USA/

19:00 - 19:30 Satellite Symposium SANDOZ
Benefits beyond the Anti-Hypertensive effect of Dipperam (Amlodipine / Valsartan) - favorable early Echocardiographic implications of subclinical atherosclerosis
Y. Simova /Bulgaria/

20:30 - 22:30 Sponsor's evening
/lobby of Paradise Blue Hotel/

**Flamingo Grand Hall
/Flamingo Grand Hotel/**
8:00 - 10:00 CONGENITAL HEART DISEASES II
Chairmen: G. Elkilany, G. Di Salvo

08:00-08:20 Fetal echocardiography - to improve prenatal detection of CHD
A. Bhat /USA/

08:20-08:40 Tetralogy of Fallot preoperative anatomy and variation
P. Shivachev /Bulgaria/

08:40-09:00 Tetralogy of Fallot - echo and multimodality imaging during follow up
G. Di Salvo /UK/

09:00-09:20 Echo evaluation for ventricular septum for intervention or surgery
A. Bhat /USA/

09:20-09:40 Diastolic Dysfunction in ACHD
W. Budts /Belgium/

09:40-10:00 Echo assessment of ACHD - from 2D to 3D
W. Li /UK/

10:00-10:10 Clinical case - Cor triatriatum
F. Sozzi /Italy/

10:00 - 10:30 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel
10:30 - 13:00 ADVANCE ECHO TECHNIQUES - BASICS, INDICATIONS, PROTOCOLS AND INTERPRETATIONS
Chairmen: J. Kasprzak, A. Varga

10:30-10:50 Stress - echocardiography in CAD
A. Varga /Hungary/

10:50-11:10 Stress echocardiography 2020
A. Salustri /Qatar/

11:10-11:30 Stress echocardiography in valvular diseases
E. Plonska /Poland/

11:30-11:50 Role of flow status by assessing aortic stenosis
R. Senior /UK/

11:50-12:10 Stress Echo for Risk Stratification
J. Kasprzak /Poland/

12:10-12:30 Value of incorporating contrast echo in stress - echocardiography
R. Senior /UK/

**13:00 - 14:00 Lunch Satellite Symposium by Berlin Chemie in Paradise Blue Hotel, Sea Hall
Echocardiographic assessment of the clinical effects of the therapy in patients with Cardiovascular diseases.**
K. Hristova /Bulgaria/, E. Kinova /Bulgaria/, V. Mincheva /Bulgaria/
14:30 - 16:30 DISCOVERING EARLY HEART FAILURE IN CARDIOMYOPATIES
Chairmen: Y. Yotov, A. Varga

14:30-14:48 HYPERTROPHIC CMP
G. Elkilany /UAE/

14:48-15:06 DILATED CMP
Y. Yotov /Bulgaria/

15:06-15:24 ARRHYTHMOGENIC CMP
H. Reddy /USA/

15:24-15:42 NON-COMPACTION CMP
E. Kinova /Bulgaria/

15:42-16:00 INHERITANCE DISEASES AND CMP
A. Varga /Hungary/

16:00-16:18 Stress induced CMP
T. Tak /USA/

16:18-16:36 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 CARDIOONCOLOGY

Chairmen: K. Hristova, E. Plonska

17:00-17:18 ESC guidelines on cancer therapy and cardiotoxicity
E. Plonska /Poland/

17:18-17:36 Can we still use EF for guiding oncology therapy?
K. Hristova /Bulgaria/

17:36-17:54 Biomarkers and cardiac imaging - the right balance for cardiotoxicity
K. Maganti /USA/

17:54-18:12 Heart masses - thrombus vs. tumors
M. Vadalazhkaya /Belarus/

18:12-18:30 Tumors of the heart - 34 years of experience at the National Institute of Cardiology Ignacio Chavez
N. E. Zavaleta /Mexico/

18:30-18:48 Radiation Related Cardiovascular Diseases and Valve diseases
E. Srbinovska /FYROM/

18:48-19:00 Misdiagnosis for right atrial mass - a case report
N. Espinola-Zavaleta /Mexico/

**20:30 - 22:30 Sponsor's evening
/lobby of Paradise Blue Hotel/**

13:00-14:00

Chairmen: N. Nanda, E. Kinova, A. Salustri, S. Kutty, 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 /Bulgaria/
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. Kischeva, Y. Yotov /Bulgaria/
9. Libman Sacks endocarditis of aortic valve in patients with SLED.
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/

	SEA HALL <i>/Paradise Blue Hotel/</i>	WIND & SKY HALL <i>/Paradise Blue Hotel/</i>	FLAMINGO GRAND HALL <i>/Flamingo Grand Hotel/</i>
8:30 - 10:00	MULTIMODALITY IMAGING IN ERA OF QUATIFICATION	STRESS ECHO FOR VALVULAR HEART DISEASE: GO WITH THE FLOW	ADVANCE IMAGING IN ECHOCARDIOGRAPHY
10:00-10:30	Coffee Break and visit to the exhibition /lobby of Paradise Blue Hotel/		
10:30 - 13:00	ADVANCE IN ISHEMIC HEARD DISEASE - READ WITH EXERTS	HIT-HOT SESSION MY CHALLENGES CLINICAL CASE	MULTIMODALITY IMAGING FOR VASCULAR DISEASES
13:00 - 14:00	Lunch Satellite Symposium Actavis <i>/Paradise Blue Hotel, Sea Hall/</i>		
13:00 - 14:00	Moderated poster session II <i>/lobby of Paradise Blue Hotel/</i>		
14:30 - 16:30	STRUCTURAL HEART DISEASES	THE RIGHT HEART	RIGHT HEART: THERE IS CONGENITAL HEART DISEASES
16:30 - 17:00	Coffee Break and visit to the exhibition /lobby of Paradise Blue Hotel/		
17:00 - 19:00	STRAIN IMAGING IN HEART FAILURE	ECHO AND ACUTE MYOCARDIAL INFARCTION	CONTRAST ECHO
19:00 - 19:30	ESAOTE	SATELLITE SYMPOSIUM NOVARTIS	
20:30 - 23:00	Gala Dinner <i>/Albena Variete Theater/</i>		

**Sea Hall
/Paradise Blue Hotel/**

08:30 - 10:00 MULTIMODALITY IMAGING IN ERA OF QUATIFICATION

Chairmen: M. Gospodinova, G. Elkilany

08:30-08:45 Techniques for Valve Regurgitation

H. Reddy /USA/

08:45-09:00 Quantification of Left Ventricular Systolic Function

G. Elkilany /UAE/

09:00-09:15 Quantification of Right Ventricular Size and Function

V. Sorrell /USA/

09:15-09:30 Quantification of Atrial Function

I. Vlasseros /Greece/

09:30-09:45 Utility of Right Ventricular Strain Compared to Conventional Echo Quantification for Assessment of Cardiac MRI Evidenced Right Ventricular Dysfunction

E. Sade /Turkey/

09:45-10:00 Multimodality Imaging in Restrictive Cardiomyopathies

M. Gospodinova /Bulgaria/

10:00 - 10:30 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel

10:30 - 13:00 ADVANCE IN ISHEMIC HEART DISEASE - READ WITH EXERTS

Chairmen: I. Simova, A. Singh

10:30-10:50 Echocardiographic assessment of patients with CAD-review of old and new techniques.

K. Hristova /Bulgaria/

10:50-11:10 Coronary assessment by non-invasive cardiac imaging

I. Simova /Bulgaria/

- 11:10-11:30 Role of CMR in diagnosis of CA
F. Sozzi /Italy/
- 11:30-11:50 Myocardial SPECT in the diagnosis of CAD
G. Elkilany /UAE/
- 11:50-12:10 New advances in percutaneous coronary intervention: new device, new techniques and more
K. Karamfilov /Bulgaria/
- 12:10-12:30 Imaging for assessment myocardial viability
A. Singh /USA/

13:00 - 14:00 Lunch Satellite Symposium by Actavis in Paradise Blue Hotel, Sea Hall
Eplerenone in the treatment of heart failure
Chairman: I. Gruev /Bulgaria/

- 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/

- 13:40 - 13:50 Eplerenone - clinical case of patient with heart failure with reduced ejection fraction
D. Vasileva /Bulgaria/

- 13:50-14:00 Discussion

14:30 - 16:30 STRUCTURAL HEART DISEASES
Chairmen: K. Karamfilov, M. Saric

- 14:30-14:50 TAVR: TTE and TEE Evaluation
K. Aggarwal /USA/
- 14:50-15:10 MitraClip: Basic Echo Imaging for Routine Clip
M. Saric /USA/
- 15:10-15:30 Imaging for Left Atrial Appendage Occlusion
R. Janardhanan /USA/

- 15:30-15:50 Echo Guidance for Paravalvular Leak Closure
K. Aggarwal /USA/
- 15:50-16:10 Percutaneous Treatment for Tricuspid Regurgitation
St. Goldstein /USA/
- 16:10-16:30 Balloon Mitral Valvuloplasty for Rheumatic Mitral Stenosis
K. Karamfilov /Bulgaria/
- 16:30-16:50 Percutaneous Mitral Valve Replacement
A. Gopal /USA/

16:30 - 17:00 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel

17:00 - 19:00 STRAIN IMAGING IN HEART FAILURE
Chairmen: N. Nanda, E. Sade

- 17:00-17:20 Evaluation of Ischemic Cardiomyopathy: Insights from Strain Imaging
E. Sade /Turkey/

- 17:20-17:40 Strain in the Evaluation of Nonischemic Cardiomyopathy
I. Mikati /USA/

- 17:40-18:00 Strain in the Evaluation of Hypertrophic Cardiomyopathy
E. Donal /France/

- 18:00-18:20 Cardiac Resynchronization Therapy: Echo Before, During, and After Implantation
E. Sade /Turkey/

- 18:20-18:40 Pressure strain loops in the evaluation of the LBBB.
E. Donal /France/

- 18:40-19:00 2D and 4D X-strain technology - an incremental value in your everyday practice
M. Maglione /Italy/

19:00 - 19:30 ESAOTE

20:30 - 23:00 Gala Dinner /Albena Variete Theatre/

**Wind & Sky Hall
/Paradise Blue Hotel/**
08:30 - 10:00 Stress Echo for Valvular Heart Disease: Go with the Flow

Chairmen: Y. Yotov, N. Kesser

08:30-08:45 Low Gradient Aortic Stenosis with Depressed Ejection Fraction

A. Varga /Hungary/

08:45-09:00 Low Gradient Aortic Stenosis with Normal Ejection Fraction

A. Salustri /Italy/

09:00-09:15 Mitral Stenosis

R. Janardhanan /USA/

09:15-09:30 Mitral Regurgitation

N. Kesser /Turkey/

09:30-09:45 Assessment of Pulmonary Hemodynamics

V. Sorrell /USA/

09:45-10:00 The role of echo in the timing of surgery/ intervention

N. Kesser /Turkey/

10:00 - 10:30 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel
10:30 - 13:00 HIT-HOT SESSION
My challenges clinical case

Chairmen: L. Vladimirova-Kitova, R. Shabani

10:30-10:40 Granulomatosis with Polyangiitis (GPA) and an Acute Cardiovascular Event

N. Spasova /Bulgaria/

10:40-10:50 Challenges in the management of a patient with AF.

V. Konstantinova /Bulgaria/

10:50-11:00 Challenges in the management of a patients with NCLV and VT

L. Zolumova /Bulgaria/

11:00-11:10 RV noncompaction

I. Gruev /Bulgaria/

11:10-11:20 Peripartal CMP

I. Bayraktarova /Bulgaria/

11:20-11:30 Patient with L/R shunt on three levels

N. Marinov /Bulgaria/

11:30-11:40 Tricuspid valvuloplasty

I. Stanilov /Bulgaria/

11:40-12:00 Pulmonary embolism

T. Tak /USA/

12:00-12:20 Clinical cases of rheumatic heart diseases

D. Roychoudhury /USA/

12:20-12:30 Fibroelastoma - clinical case

D. Vassileva /Bulgaria/

12:30-12:45 Discussion

13:00 - 14:00 Lunch Satellite Symposium by Actavis in Paradise Blue Hotel, Sea Hall
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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/

13:40 - 13:50 Eplerenone - clinical case of patient with heart failure with reduced ejection fraction

D. Vasileva /Bulgaria/

13:50-14:00 Discussion

14:30 - 16:30 The Right Heart*Chairmen: L. Vladimirova-Kitova, V. Sorrell*

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- 14:30-14:48 Right Ventricular Chamber Quantification Update
S. E. Catirli /Turkey/
-
- 14:48-15:06 Incorporating New Technologies: Strain and 3D for assessing right heart
V. Sorrell /USA/
-
- 15:06-15:24 Assessing Pulmonary Hypertension
S. Goldstein /USA/
-
- 15:24-15:42 Echo in pulmonary embolism
I. Mikati /USA/
-
- 15:42-16:00 Right Ventricle Manifestations of Systemic Diseases
E. Kinova /Bulgaria/
-
- 16:00-16:18 RV function in valvular diseases
I. Vlasseros /Greece/
-
- 16:18-16:36 When it's NOT Right: Carcinoid, Ebstein's and Tricuspid Valve Complications
K. Hristova /Bulgaria/

16:30 - 17:00 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel**17:00 - 19:00 Echo and Acute Myocardial Infarction***Chairmen: E. Kinova, K. Maganty*

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- 17:00-17:20 Prognostic Value of Echo/Doppler Findings Early After Myocardial Infarction
G. Elkilany /UEA/
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- 17:20-17:40 Post Myocardial Infarction Complications I: Acute Mitral Regurgitation Post Myocardial Infarction
K. Maganti /USA/

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- 17:40-17:50 RV infarction - clinical case
K. Hristova /Bulgaria/
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- 17:50-18:10 Right Ventricle Myocardial Infarction: Making the Diagnosis
R. Shabani /Bulgaria/
-
- 18:10-18:20 Clinical Case 2
N. Spasova /Bulgaria/
-
- 18:20-18:40 Post Myocardial Infarction Complications II: Ventricular Septal Defect and Left Ventricular Rupture/Pseudoaneurysm
I. Gruev /Bulgaria/
-
- 18:40- 18:55 Discussion

19:00 - 19:30 Satellite Symposium Novartis

Timely change for better results in treatment of heart failure
Y. Yotov /Bulgaria/

**Flamingo Grand Hall
/Flamingo Grand Hotel/**
08:30 - 10:00 Advance imaging in echocardiography

Chairmen: E. Manov, I. Simova

 08:30-08:45 Cardiac involvement and echocardiographic assessment in patients with neuro-muscular disorders
M. Gospodinova /Bulgaria/

 08:45-09:00 Athetes Heart
Y. Simova /Bulgaria/

 09:00-09:15 RV function in pulmonary endarterectomy
M. Kanchi /India/

 09:15-09:30 Cardiac blood flow imaging in CAD
K. Hristova /Bulgaria/

 09:30-09:45 Pulmonary Embolism vs. Right Ventricular Infarction
E. Srbinska /FYROM/

 09:45-10:00 Dobutamin stress - echocardiography in CAD
G. Litsova /Bulgaria/

10:00 - 10:30 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel
10:30 - 13:00 Multimodality IMAGING FOR VASCULAR DISEASES

Chairmen: E. Goranova, D. Vasilev

 10:30-10:50 Utility and Limitations of Stress Echo in Evaluating Coronary Artery Disease
A. Salustri /Italy/

 10:50-11:10 CTA and FFRct in the Diagnosis of Coronary Artery Disease
D. Vasilev /Bulgaria/

 11:10-11:30 CMR in the Assessment of Ischemic Heart Disease
F. Sozzi /Italy/

 11:30-11:50 Can Echo Imaging Complete with Other Modalities?
D. Neglia /Italy/

 11:50-12:10 Acute aortic syndrome and CTA
B. Bogdanova /Bulgaria/

 12:10-12:30 Multimodality imaging in acute coronary syndrome
M. Nedevska /Bulgaria/

 12:30-12:50 Incremental value of multisliced coronary tomography over angiography for left main disease.
F. Ilgenli /Turkey/

 12:50-13:00 Clinical case: Multimodality imaging in vessel diseases
B. Kunev /Bulgaria /

13:00 - 14:00 Lunch Satellite Symposium by Actavis in Paradise Blue Hotel, Sea Hall
Eplerenone in the treatment of heart failure

Chairman: I. Gruev /Bulgaria/

 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/

 13:40 - 13:50 Eplerenone - clinical case of patient with heart failure with reduced ejection fraction
D. Vasileva /Bulgaria/

13:50-14:00 Discussion

14:30 - 16:30 Right heart: THERE IS CONGENITAL HEART DISEASES

Chairmen: S. Kutty, W. Li

 14:30-14:45 Role of prenatal echo for early detection of CHD
K. Chacheva /Bulgaria/

 14:45-15:00 The Right Ventricle in the Repaired Tetralogy of Fallot
G. Di Salvo /Italy/

 15:00-15:15 The Systemic Right Ventricle: Corrected and Uncorrected Transposition
R. Marinov /Bulgaria/

15:15-15:30 Right Ventricle Response to Pressure Loads in Adults with Congenital Heart Disease
S. Kutty /USA/

15:30-16:00 Single Ventricle Fontan Circulation in the Adult
W. Li /UK/

16:00-16:15 Echocardiography estimation of native preoperative anatomy of pulmonic atresia with intact ventricular septum
B. Ganey /Bulgaria/

16:15-16:30 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 CONTRAST ECHO

Chairmen: Y. Yotov, R. Senior

17:00-17:20 Using contrast in echocardiography - basic, principals, protocols
Y. Yotov /Bulgaria/

17:20-17:40 EACVI guidelines on contrast echocardiography update - 2018
R. Senior /UK/

17:40-18:00 Using contrast echo in CHD
S. Kutty /USA/

18:00-18:20 Contrast stress echo imaging - when and whom?
R. Senior /UK/

18:20-18:40 Contrast beyond endocardial border definition - improving our diagnostic value
S. Kutty /USA/

18:40-19:00 Clinical cases illustrating the EACVI contrast echocardiography guidelines
K. Hristova /Bulgaria/

13:00-14:00

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

11. Emotional status of patients prior to echocardiography
A. Rasheva /Bulgaria/
12. A rare case of Bland-White- Garland syndrome in a 60-year-old woman
P. T. Hao /Vietnam/
13. 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/
14. A case of calcific chronic constrictive tuberculosis pericarditis
P. T. Hao /Vietnam/
15. A case of haemorrhagic tamponade due to right atrium angiosarcoma
P. T. Hao /Vietnam/
16. A case of arrhythmogenic right ventricular cardiomyopathy
P. T. Hao /Vietnam/
17. Correlation between left atrial appendage spontaneous echocontrast and the fractional change of its orifice area
L. Mihov, A. Aliev, V. Nedjalkova /Bulgaria/
18. Impact of CRT on parameters of myocardial dyssynchrony in patients with chronic heart failure and arterial fibrillation
T. Troyanova-Shchutkaia, A. Kurlainskaya, T. Denisevich, D. Goncharik, A. Chasnoyt, T. Asmalouskaya /Belarus/
19. Patient with left to right shunt on three levels
N. Marinov, Z. Stankov, I. Petrov, Y. Simova /Bulgaria/
20. Granulomatosis With Polyangiitis (GPA) and an Acute Cardiovascular Event
N. Spasova, E. Kinova, D. Somleva, B. Krastev, A. Goudev /Bulgaria/

	SEA HALL <i>/Paradise Blue Hotel/</i>	WIND & SKY HALL <i>/Paradise Blue Hotel/</i>
09:00 - 11:00	THE ROLE OF ECHO IN EVOLUTION OF STROKE	IMAGING THE AORTA AND GREAT VESSELS
11:00 - 11:30	Coffee Break and visit to the exhibition <i>/lobby of Paradise Blue Hotel/</i>	
11:30 - 13:30	INTEGRATION OF 2D AND 3D TEE AND MULTIMODALITY IMAGING IN CURRENT PRACTICE	HEART BREAKS - IMAGING IN MYOCARDIAL DISEASES
13:30 - 14:00	Closing Ceremony <i>/Paradise Blue Hotel, Sea Hall/</i>	

**Sea Hall
/Paradise Blue Hotel/**

09:00 - 11:00 THE ROLE OF ECHO IN EVOLUTION OF STROKE

Chairmen: P. Kratunkov, S. Laing

09:00-09:20 Complex atheromatous aortic plaques: risk factors for embolization
V. M. Parato /Italy/

09:20-09:40 Which Patients with Stroke Should Undergo TEE?
S. Laing /USA/

09:40-10:00 Transcranial Doppler: Role in Cryptogenic Stroke
M. Staneva /Bulgaria/

10:00-10:20 Patent Foramen Ovale Evaluation and the Role of Closure
P. Kratunkov /Bulgaria/

10:20-10:40 Left Atrial Appendage Occlusion Therapies: Answered and Unanswered Questions
R. Janardhanan /USA/

10:40-11:00 Clinical Cases of Unusual Causes of Stroke
M. Staneva /Bulgaria/

11:00 - 11:30 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel

11:30 - 13:30 Integration of 2D and 3D TEE and multimodality imaging in Current Practice

Chairmen: L. Vladimirova-Kitova, A. Gopal

11:30-11:50 A comprehensive 2 D-3D study
N. Nanda /USA/

11:50-12:10 2D/3D TEE for assessing valvular diseases - an European experience
E. Donal /France/

- 12:10-12:30 2D/3D TEE in Guiding Valvular Interventions
A. Gopal /USA/
-
- 12:30-12:50 2D/3D TEE in Guiding Atrial Interventions
M. Saric /USA/
-
- 12:50-13:10 Echo and Multimodality imaging in Congenital Heart Disease Interventions
S. Kutty /USA/
-
- 13:10-13:30 Echo assessment of rheumatic mitral stenosis before and after PTCM
A. Majumder /Bangladesh/

13:30 - 14:00 Closing Ceremony in Paradise Blue Hotel, Sea Hall

Wind & Sky Hall /Paradise Blue Hotel/

09:00 - 11:00 Imaging the Aorta and Great Vessels

Chairmen: E. Goranova, F. Sozzi

- 09:00-09:15 Screening of Aortic Disease: Familial, Abdominal Aortic Aneurysm, and Dissection
I. Simova /Bulgaria/
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- 09:15-09:30 Arch Vessel Imaging for the Echocardiographers
A. Kischeva / Bulgaria/
-
- 09:30-09:45 Aortopathy and Aortic Disease Management
Sv. Tsonev /Bulgaria/
-
- 09:45-10:00 Role of MM Imaging for assessment aorta and great vessels
R. Janardhanan /USA/

- 10:00-10:10 Clinical case
S. Parashar /India/
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- 10:10-10:20 Clinical case coronary -cameral fistula
F. Sozzi /Italy/
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- 10:20-10:30 Clinical case - Pulmonal ectasia
K. Hristova /Bulgaria
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- 11:00 - 11:30 Coffee Break and visit to the exhibition in the lobby of Paradise Blue Hotel**
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- 11:30 - 13:30 HEART BREAKS - IMAGING IN MYOCARDIAL DISEASES**
Chairmen: E. Kinova, I. Vlasserros
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- 11:30-11:50 Hypertensive Heart Disease
E. Kinova /Bulgaria/
-
- 11:50-12:10 Hypertrophic Cardiomyopathy
N. Cardim /Portugal/
-
- 12:10-12:30 Novel modalities for early recognition of dilated echocardiography
S. Jovanova /FYROM/
-
- 12:30-12:50 Chemotherapy Induced Heart Failure
K. Hristova /Bulgaria/
-
- 12:50-13:10 Peripartal CMP
S. Laing /USA/
-
- 13:10-13:30 Fabri disease
I. Vlasserros /Greece/

13:30 - 14:00 Closing Ceremony in Paradise Blue Hotel, Sea Hall