

**February 29th, 2020**

**Blue 1 Hall**

**9:00 – 10:30**

**Symposium of the Eurasian Arrhythmology Association (EURA)  
“Sudden Cardiac Death”**

Moderator – Candidate of Medical Sciences M. V. Yakovleva, MEDELECT clinic

**Session No. 5 “Implantable devices for prevention and treatment of patients with high risk of SCD – primary and secondary prevention”**

Chairmen:

Professor N. M. Neminuschiy (Moscow)

A. Puojukinas (Lithuania)

Professor S. M. Yashin (St. Petersburg)

1. Aras Puojukinas (Lithuania) “Implantable cardioverters – defibrillators for primary prevention of SCD: an open question” – 25 minutes.
2. N. M. Neminuschiy (Moscow) “Elimination of discharges – a modern strategy for managing patients with implanted defibrillators” – 20 minutes.
3. S. M. Yashin (St. Petersburg) “Time and place of catheter surgeries in the era of implantable defibrillators” – 20 minutes.
4. O. V. Kostyleva (Moscow) “Subcutaneous ICD – a new device for prevention of SCD” – 15 minutes.

Break 10:30 – 10:40

**February 29th, 2020**

**Blue 1 Hall**

**10:40 – 12:10**

**Symposium of the Eurasian Arrhythmology Association (EURA)  
“Sudden Cardiac Death”**

Moderator – Candidate of Medical Sciences M. V. Yakovleva, MEDELECT clinic

**Session No. 6 “Implantable devices for prevention and treatment of patients with high risk of SCD – resynchronization therapy”**

Chairmen:

Professor Yu. I. Karpenko (Ukraine)

Professor N. M. Neminuschiy (Moscow)

1. S. V. Zubarev (St. Petersburg) “Non-invasive electrophysiological mapping before resynchronization therapy: what's new for a practitioner?” – 15 minutes.
2. Yu. I. Karpenko (Ukraine) “Stimulation of the His bundle in patients with left bundle branch block or what is ideal resynchronization” – 30 minutes.
3. A. S. Postol (Kaliningrad) “Individual approach, optimization and remote monitoring are the components of the effectiveness of cardiac resynchronization therapy” – 20 minutes.
- 4 M. V. Yakovleva (Moscow) “Algorithms for the management of patients with CHF and implanted CRT systems” – 20 minutes.
5. Discussion – 5 minutes.

Lunch break 12:10 – 13:40

**February 29th, 2020**

**Blue 3 Hall**

**9:00 – 10:40**

**Topical issues of interventional treatment of tachyarrhythmias**

**Session No. 5**

**Chairmen:**

Academician of the Russian Academy of Sciences, Professor S. V. Popov (Tomsk) (Tomsk)

Associate Professor of Medical Sciences E. A. Ivanitsky (Krasnoyarsk)

Candidate of Medical Sciences M. L. Kandinsky (Krasnodar)

1. Archakov E. A., Batalov R. E., Usenkov S. Yu., Smorgon A. V., Krivolapov S. N., Khlynin M. S., Popov S. V. (Tomsk) “Ablation of atrial fibrillation in patients with permanent pacemaking and type 2 diabetes”.
2. Serguladze S. Yu., Lyubkina E. V., Tembotova Zh. K., Sopla O. V., Khamidov I. N. (Moscow) “Features of management and effectiveness of interventional treatment of atrial fibrillation and flutter in patients with heart failure”.
3. Ionin V. A., Morozov A. N., Nifontov S. E., Baranova E. I., Yashin S. M., Zaslavskaya E. L. (St. Petersburg) “Metabolic syndrome, galectin-3 and epicardial fat thickness – predictors of recurrence of atrial fibrillation after radiofrequency isolation of the pulmonary vein ostia”.
4. Mamchur S. E., Chichkova T. Yu., Mamchur I. N., Khomenko E. A. (Kemerovo) “Influence of morphometric characteristics and spatial orientation of the pulmonary vein ostia on the results of cryoballoon ablation of paroxysmal atrial fibrillation”.
5. Dubrovin O. L., Shugaev P. L., Kochnev D. A., Chertok A. V., Bryukhov V. A., Varganov A. E., Amergaleev E. S. (Chelyabinsk) “Anatomical localization of conduction slowdown zones and “early meet late” electrophysiological pattern in patients with typical atrial flutter”.
6. Bryukhov V. A., Shugaev P. L., Chertok A. V., Kochnev D. A., Dubrovin O. L., Varganov A. E., Amergaleev E. S. (Chelyabinsk) “High-density mapping systems for the treatment of atypical atrial flutter”.
7. Abdrakhmanov A., Bakytzhanuly A., Nuralin O., Bagibaev S., Esilbaev J., Abildinova G., Smagulova A., Turubaev E. (Nur-Sultan, Kazakhstan) “The first CIS experience of use of high-density HD-GRID mapping catheter”.
8. Sonkin I. N., Kiseleva E. I., Atabekov A. I., Krylov D. V., Melnik V. Yu. “Endovascular intervention and DVT. To prevent and to neutralize”.

Break 10:40 – 10:50

**February 29th, 2020**

**Blue 3 Hall**

**10:50 – 12:20**

**Topical issues of interventional treatment of tachyarrhythmias**

**Session No. 6**

**Chairmen:**

Professor D. S. Lebedev (St. Petersburg)

Associate Professor of Medical Sciences K. V. Davtyan (Moscow)

Candidate of Medical Sciences A. B. Vygovsky (Kaliningrad)

1. Prof. Helmut P. Weber (Germany) “A novel cardiovascular laser catheter application system” (consecutive interpreting) – 60 minutes.
2. Artyukhina E. A. (Moscow) “Application of automatic three-dimensional mapping for interventional treatment of atrial fibrillation” – 15 minutes.

3. Balakhonov V. V., Stolyarov M. S., Shmatov D. V. (St. Petersburg) “Long-term results of surgical treatment of patients with atrial fibrillation under cardiopulmonary bypass” – 15 minutes.

Break 12:10 – 13:30

**February 29, 2020**

**Hall Red 7**

**09:00 – 10:30**

**Biosense Webster Technological Seminar "New Level of Complex Tachyarrhythmias  
Visualisation"**

**Workshop on Mapping using CARTO 3 Simulator**

Break 10:30-10:40

**February 29, 2020**

**Hall Red 7**

**10:40 – 12:10**

**Biosense Webster Technological Seminar "New Level of Complex Tachyarrhythmias  
Visualisation"**

**Workshop on Mapping using CARTO 3 Simulator**

**February 29th, 2020**

**Red 8 Hall**

**9:00 – 10:30**

**Movie screening**

**“Sudden cardiac death: how to prevent a tragedy?”**

Candidate of Medical Sciences A. V. Sveshnikov (National Medical and Surgical Center named after N. I. Pirogov, Moscow)

1. Sveshnikov A. V. (Moscow) “Opening remarks” – 5 minutes.
2. Movie screening.
3. Discussion – 10 minutes.

Break

**February 29th, 2020**

**Red 8 Hall**

**10:40 – 12:10**

**Symposium “Digital Tatarstan – Arrhythmology Today and Tomorrow”**

**Chairmen:**

Associate Professor of Medical Sciences Yu. E. Teregulov (Kazan)

Associate Professor of Medical Sciences D. I. Sadykova (Kazan)

1. Sadykov M. N., Kim Z. F., Teregulov Yu. E. (Kazan) “Concept of a program for development of arrhythmology in the Republic of Tatarstan based of digital technologies” – 25 minutes.
2. Tikhomirov V. B. (Kazan) “Project of informatization of the arrhythmology service of the Republic of Tatarstan “United cardiologist” – 20 minutes.
3. Drozdov D. V. (Moscow) “Making a medical report in ECG systems of hybrid intelligence” – 20 minutes.
4. Teregulov Yu. E., Sadykova D. I., Sabirova D. R., Kochneva Yu. G. (Kazan) “Information system “United Cardiologist” in the Republic of Tatarstan. New opportunities for the clinical use of electrocardiographic data. Development prospects” – 25 minutes.

Lunch break 12:10 – 13:40

**February 29th, 2020**

**Red 8 Hall**

**13:40 – 15:10**

**Symposium “Assessment of cardiac function in patients with arrhythmias”**

**Chairmen:**

Professor V. I. Novikov (St. Petersburg)

Candidate of Medical Sciences D. I. Lebedev (Tomsk)

1. Novikov V. I., Chekina N. M. (St. Petersburg) “Modern approaches to assessment of heart systolic and diastolic function” – 30 minutes.
2. Smorgon A. V., Sokolov A. A., Svintsova L. I., Dzhaffarova O. Yu. (Tomsk) “Features of instrumental assessment of left ventricular dysfunction and heart failure in children with artificial pacemakers” – 15 minutes.
3. Naiden T. V., Bartosh-Zelenaya S. Yu. (St. Petersburg) “Electrocardiographic manifestations of cardiotoxicity” – 15 minutes.
4. Mishkina A. I., Gulya M. O., Varlamova Yu. V., Lebedev D.I., Zavadovsky K. V. (Tomsk) “Scintigraphic methods for prediction of the results of cardiac resynchronization therapy in patients with chronic heart failure” – 15 minutes.

5. Khagush A. L., Novikova T. N., Ashurov A. B., Podoprigora E. A., Saiganov S. A. (St. Petersburg) “The effect of prolonged use of oral anticoagulants on kidney function in patients with atrial fibrillation” – 15 minutes

Break 15:10 – 15:20

**February 29th, 2020**

**Red 8 Hall**

**15:20 – 17:00**

**Symposium “Functional diagnostics in patients with rhythm and conduction disorders”**

Chairmen:

Associate Professor of Medical Sciences S. Yu. Bartosh-Zelenaya (St. Petersburg)

Associate Professor of Medical Sciences A. A. Kuznetsov (St. Petersburg)

1. Bartosh-Zelenaya S. Yu., Naiden T. V. (St. Petersburg) “Rhythm and conduction disorders, stress tests: features and contraindications” – 30 minutes.
2. Basova V. A., Krasnoperov P. V., Kuzmina-Krutetskaya A. M. (St. Petersburg) “Modern pacing algorithms” – 15 minutes.
3. Veleslavova O. E., Pavlysh E. F. (St. Petersburg) “Arrhythmogenic dysplasia and assessment of the function of the right ventricle” – 15 minutes.
4. Kuznetsov A. A. (St. Petersburg) “Pathological sinus tachycardia” – 15 minutes.
5. Guseva O. A., Bartosh-Zelenaya S. Yu., Naiden T. V., Mamaev O. P., Pavlova N. E., Scherbak S. G. (St. Petersburg) “Arrhythmias in a patient with a tri-atrial heart. Clinical case” – 15 minutes.

**February 29th, 2020**

**Red 9 Hall**

**09:00 – 10:30**

**Rhythm and conduction disorders of inflammatory and genetic nature: etiology before intervention**

Chairmen:

Associate Professor of Medical Sciences E. V. Zaklyazminskaya (Moscow)

Professor O. V. Blagova (Moscow)

1. Blagova O. V. (Moscow) “Long-term results of drug and interventional treatment in patients with the morphologically verified nature of the “idiopathic” arrhythmias: 10 years later” – 20 minutes.
2. Lutokhina Yu. A. “Admission diagnosis of “chronic myocarditis, persistent ventricular tachycardia” (arrhythmogenic right ventricular cardiomyopathy, QT prolongation syndrome)” – 12 minutes.
3. Pavlenko E. V., Varionchik N. V. “Admission diagnosis is “idiopathic atrial fibrillation” (non-compact left ventricular myocardium)” – 12 minutes
4. Kulikova V. A. “Admission diagnosis of Atrial Standstill (acute myocarditis?)” – 12 minutes.
5. Sedov A. V., Solovieva E. A., Blagova O. V. “Admission diagnosis “polymorphic unstable ventricular tachycardia” (acute myocarditis)” – 12 minutes.
6. Bukaeva A. A., Radjabova G. M., Zaklyazminskaya E. V. (Moscow) “Admission Diagnosis “HCMP, acute myocarditis. AV block of II-III degree” (desminopathy in combination with heterozygosity for hemochromatosis)” – 12 minutes.
7. Discussion 10 minutes.

Break 10:30 – 10:40

**February 29th, 2020**

**Red 9 Hall**

**10:40 – 12:10**

**Evidences from clinical practice: from glossary to pharmaco-economic researches**

Chairmen:

Professor A. S. Kolbin (St. Petersburg)

Corresponding Member of the Russian Academy of Sciences, Professor A. L. Khokhlov (Yaroslavl)

1. Kolbin A. S. (St. Petersburg) “General issues of real clinical practice (RWD and RWE)”.
2. Plavinsky S. L. (St. Petersburg) “Features of statistical approaches”.
3. Nedogoda S. V. (Volgograd) “Assessment of the cost of chronic heart failure in Russia”.
4. Rudakova A. V. (St. Petersburg) “Pharmaco-economic aspects of vaccination against pneumococcal infection in patients with diseases of cardiovascular system”.
5. Khokhlov A. L. (Yaroslavl) “Safety of drugs in clinical practice: pharmaco-epidemiological and pharmaco-economic aspects”.
6. Frovlov M. Yu. “Assessment of medical technologies in real clinical practice: the role of healthcare digitalization”.
7. Zyryanov S. K. (Moscow) “Modern approaches to management of patients with heart failure: clinical and economic assessment”.

Lunch break 12:10 – 13:40

**February 29th, 2020**

**Red 9 Hall**

**13:40 – 15:10**

**Sports Cardiology**

Chairmen:

Professor L. M. Makarov (Moscow)

Corresponding Member of the Russian Academy of Sciences, Professor V. A. Badtieva  
(Moscow)

Associate Professor of Medical Sciences V. I. Pavlov (Moscow)

1. Makarov L. N. (Moscow) “Canalopathy in the genesis of fatal rhythm disturbances in athletes”.
2. Badtieva V. A. (Moscow) “Modern statistics of cardiological pathology of Moscow athletes”.
3. Pavlov V. I. (Moscow) “Principles for assessing rhythm disturbances in athletes”.
4. Leonova N. M. (Moscow) “Holter monitoring in young athletes”.
5. Ivanova Yu. M. (Moscow) “Paradoxes of EchoCG diagnostics in modern sport”.
6. Minyukhina I. E. (Nizhny Novgorod) “Features of cardiological screening of athletes in the regions of the Russian Federation”.
7. Kotegov S. L. (St. Petersburg) “Modern techniques for detecting rhythm disturbances in athletes”.

Break: 15:10 – 15:20

**February 29th, 2020**

**Red 9 Hall**

**15:20 – 16:00**

**Doping in sports cardiology**

Chairmen:

Associate Professor of Medical Sciences Z. G. Ordzhonikidze (Moscow)

Corresponding Member of the Russian Academy of Sciences, Professor V. A. Badtieva  
(Moscow)

Corresponding Member of the Russian Academy of Sciences, Professor L. A. Balykova  
(Saransk)

Associate Professor of Medical Sciences V. I. Pavlov (Moscow)

1. Ordzhonikidze Z. G. (Moscow) “Doping as a common problem of medicine and sports” – 15 minutes.
2. Badtieva V. A. (Moscow) “Current state of issue of therapeutic opinions for cardiological medicines in athletes of the Russian Federation” – 15 minutes.
3. Balykova L. A. (Saransk) “Hypertension and doping” – 15 minutes.
4. Pavlov V. I. (Moscow) “Doping in sports cardiology” – 15 minutes.
5. Ivanova Y. M. (Moscow) “Steroid heart” – 15 minutes.
6. Rezepov A. S. (Tula) “Doping from the perspective of a doctor of a sports team” – 15 minutes.

**February 29th, 2020**

**Red 10 Hall**

**9:00 – 10:30**

**XIV All-Russian Symposium**

**“Diagnosis and treatment of rhythm and cardiac conduction disorders in children”**

**Session number 1 “Topical issues of pediatric cardiology”**

**Chairmen:**

Professor L. A. Balykova (Saransk)

Professor I. A. Kelmanson (St. Petersburg)

1. Trofimova T. A., Polyakova E. B. (Moscow) “Syncope conditions in children with epilepsy” – 10 minutes.
2. Kelmanson I. A. (St. Petersburg) “Reference values of the average heart rate and its variability in infants in separate phases of sleep” – 15 minutes.
3. Kolbasova E. V., Karpovich E. I. (Nizhny Novgorod) “Affective respiratory attacks in children. The role of trigger psycho-emotional factors and asystole for patient’s management tactics” – 10 minutes.
4. Balykova L. A. (Saransk) “Main provisions of new recommendations for the diagnosis and treatment of arterial hypertension in children” – 20 minutes.
5. Tomchik N. V., Lyalikov S. A. (Belarus, Grodno) “Prevalence, gender and age structure of arrhythmias in children of Grodno according to results of ECG screening” – 10 minutes.
6. Makarov L. M., Korablev A. V., Korableva N. N. (Syktyvkar, Moscow) “Independent predictors of occurrence of life-threatening events in infants (according to 24-hour electrocardiogram monitoring)” – 10 minutes.
7. Vasichkina E. S. (St. Petersburg) “Syndrome of early repolarization of the ventricles” – 15 minutes.

Break 10:30 – 10:40

**February 29th, 2020**

**Red 10 Hall**

**10:40 – 12:10**

**XIV All-Russian Symposium**

**“Diagnosis and treatment of rhythm and cardiac conduction disorders in children”**

**Session No. 2 “Strategy for treatment of rhythm and cardiac conduction disorders in children”**

**Chairmen:**

Candidate of Medical Sciences M. L. Kandinsky (Krasnodar)

Associate Professor of Medical Sciences T. K. Kruchina (St. Petersburg)

Associate Professor of Medical Sciences R. B. Tatarsky (St. Petersburg)

1. Zueva V. P. (Tver) “Long-term observation of children with rhythm and conduction disorders that started in the first year of life, including in the perinatal period (twenty years of experience of the regional children's arrhythmology center)” – 10 minutes.
2. Rybalko N. A., Kotlukova N. P., Korableva N. N. (Syktyvkar, Moscow) “Holter ECG and respiratory curve monitoring in newborns with hemodynamically significant congenital heart defects” – 10 minutes.
3. Kruchina T. K., Kovalchuk T. S., Vasichkina E. S., Tatarsky B. A. (St. Petersburg) “The experience of use of propafenone in children with supraventricular and ventricular cardiac arrhythmias” – 10 minutes.
4. Biganov R. M., Serguladze S. Yu., Lyubkina E. V., Tembotova Zh. Kh., Abukhanova A. A. (Moscow) “Effective radiofrequency ablation of the isthmus of the right atrium in patients with



atrial flutter and lack of access through the femoral veins” – 10 minutes.

5. Turubaev E. M., Abdrakhmanov A. S., Ivanova-Razumova T. V., Nuralinov O. M., Bakytzhanuly A., Bagibaev S. M., Esilbaev Zh. E., Turubaev E. M. (Kazakhstan) “Catheter ablation of additional atrioventricular connection in children with hypertrophic cardiomyopathy. A series of clinical cases” – 10 minutes.

6. Minaev V. V. (Moscow) “Long-term results of endocardial implantation of electrodes in children” – 10 minutes.

7. Kandinsky M. L. (Krasnodar) “Complex cases of treatment of arrhythmias in children” – 15 minutes.

8. Answers on questions. Discussion 15 minutes.

Lunch break 12:10 – 13:40

**February 29th, 2020**

**Red 10 Hall**

**13:40 – 15:10**

**XIV All-Russian Symposium**

**“Diagnosis and treatment of rhythm and cardiac conduction disorders in children”**

**Session number 3 “Children's sports cardiology in St. Petersburg”**

**Chairmen:**

Professor L. A. Balykova (Saransk)

Professor E. V. Gavrilova (St. Petersburg)

1. Gavrilova E. A. (St. Petersburg) “Admission to sports, physical education, GTO (“fit for labor and defense”) tests in children with cardiovascular pathology” – 20 minutes.

2. Popov S. V. (St. Petersburg) “Functional tests and possibilities of their use in young athletes” – 15 minutes.

4. Zemskov I. A. (St. Petersburg) “Clinical and electrocardiographic characteristics of ventricles of arrhythmias in young athletes” – 15 minutes.

5. Malikov K. N. (St. Petersburg) “Prevalence and assessment of functional condition of the bicuspid aortic valve in young athletes” – 15 minutes.

2. Alekseeva D. Yu. (St. Petersburg) “Sudden cardiac death in young athletes” – 20 minutes.

6. Answers on questions. Discussion 5 minutes.

Break 15:10 – 15:20

**February 29th, 2020**

**Red 10 Room**

**15:20 – 17:00**

**XIV All-Russian Symposium**

**“Diagnosis and treatment of rhythm and cardiac conduction disorders in children”**

**Session No. 4 “Interesting clinical cases”**

**Chairmen:**

Associate Professor of Medical Sciences E. S. Vasichkina (St. Petersburg)

Associate Professor of Medical Sciences T. K. Kruchina (St. Petersburg)

Candidate of Medical Sciences E. B. Polyakova (Moscow)

1. Polyakova E. B., Trofimova T. A. (Moscow) “Significance of event ECG recorders for diagnostics of arrhythmias in children. Clinical examples” – 15 minutes.

2. Nikitina S. F., Fedotov P. A., Pervunina T. M., Fomina N. M., Vershinina T. L., Balykova L. A., Petrushkina Yu. A., Leontyeva I. V., Vasichkina E. S. (St. Petersburg, Saransk, Moscow) “Problems of children's transplanted heart” – 15 minutes.

3. Glazunova A. E., Zaitsev V. V., Nokhrin A. V., Kruchina T. K. (St. Petersburg) “Family version of congenital complete AV block” – 10 minutes.
4. Yakovleva A. N. (St. Petersburg) “Prosthetics of the pulmonary valve after transannular surgery in children with tetralogy of Fallot. Indications and timing of the surgery” – 10 minutes.
5. Litvinova S. V., Borisova N. A., Plutova N. N., Kashuro N. V., Kruchina T. K. (St. Petersburg) “Ventricular myocardial repolarization disorder in children. Role of coronarography for diagnosis of a pathology” – 10 minutes.
6. Alekseeva K. B., Malyarova M. S., Sudakova M. V., Kruchina T. K. (St. Petersburg) “Difficulties in diagnostics of high-grade AV block: asymptomatic and sporadic course” – 10 minutes.
7. Kovalchuk T. S. (St. Petersburg) “Family case of syndrome of elongated QT interval, type 2” – 10 minutes.
8. Answers on questions. Discussion 20 minutes.

**February 17, 2018**  
**Red 11 Hall**  
**9:00 – 10:30**  
**EURA Symposium**  
**“Complicated issues of diagnosis and treatment of atrial fibrillation”**  
**Session No. 1 “Atrial fibrillation – general issues”**

Chairmen:

Professor A. V. Ardashev (Moscow)  
Professor V. A. Snezhitsky (Belarus)  
Professor S. M. Yashin (St. Petersburg)

1. Snezhitsky V. A. (Belarus) “Atrial fibrillation and mortality: predictors, prevention issues” – 25 minutes.
2. Deshko M. S. (Belarus) “Myocardial fibrosis as a prognostic tool and therapeutic target in patients with atrial fibrillation and chronic heart failure” – 15 minutes.
3. Ardashev A. V. (Moscow) “Modern techniques of catheter ablation of atrial fibrillation” – 25 minutes.
4. Yashin S. M. (St. Petersburg) “Catheter surgeries for atrial fibrillation: nothing personal?” – 20 minutes.
5. Discussion – 5 minutes.

Break 10:30 – 10:40

**February 29th, 2020**  
**Red 11 Hall**  
**10:40 – 12:10**  
**EURA Symposium**  
**“Complicated issues of diagnosis and treatment of atrial fibrillation”**  
**Session No. 2 “Atrial fibrillation: complicated issues”**

Chairmen:

Professor A. V. Ardashev (Moscow)  
Candidate of Medical Sciences E. V. Liubkina (Moscow)  
Candidate of Medical Sciences P. L. Shugaev (Chelyabinsk)

1. Ardashev A. V. (Moscow) “Influence of structural changes in the myocardium of the atria on the course of RFA of AF” – 20 minutes.
2. Liubkina E. V. (Moscow) “Catheter ablation of atrial fibrillation in patients with severe heart failure” – 20 minutes.
3. Kiselyova O. V. (Chelyabinsk) “Results of treatment of atrial fibrillation using cryoballoon ablation” – 10 minutes.
4. Kochnev D. A. (Chelyabinsk) “Application of cryoballoon ablation in the treatment of continuously recurrent atrial fibrillation caused by activity in the pulmonary vein (clinical case)” – 10 minutes.
5. Stadnik T. D. (Chelyabinsk) “Comparison of physical methods of influence on atrial myocardium during isolation of the pulmonary vein ostia” – 10 minutes.
6. Discussion – 5 minutes.

Lunch break 12:10 – 13:40

**February 29th, 2020**  
**Red 11 Hall**  
**13:40 – 15:10**  
**EURA Symposium**  
**“Complicated issues of diagnosis and treatment of atrial fibrillation”**  
**Session No. 3 “Atrial fibrillation: current issues of antithrombotic therapy”**

**Chairmen:**

Candidate of Medical Sciences I. V. Zotova (Moscow)  
Candidate of Medical Sciences I. I. Serebriisky (Moscow)

1. Zotova I. V. (Moscow) “Fresh angle on antithrombotic therapy in patients with AF” – 25 minutes.
2. Serebriisky I. I. (Moscow) “Unresolved issues of anticoagulant therapy of atrial fibrillation” – 25 minutes.
3. Gorbunov V. A. (Moscow) “Features of prevention of thromboembolic complications after RFA of AF” – 15 minutes.
4. Tsivkovsky V. Yu. (Moscow) “Features of the diagnosis, clinical course and treatment of atrial fibrillation in patients with a patent foramen ovale” – 15 minutes.
5. Discussion – 10 minutes.

Break 15:10 – 15:20

**February 29th, 2020**  
**Red 11 Hall**  
**15:20 – 17:00**  
**EURA Symposium**  
**“Complicated issues of diagnosis and treatment of atrial fibrillation”**  
**Session No. 4 “Atrial fibrillation: modern methods of diagnosis and treatment”**

**Chairmen:**

Candidate of Medical Sciences E. V. Lyan (Germany)  
M. Yu. Chmelevsky (St. Petersburg)  
Candidate of Medical Sciences P. L. Shugaev (Chelyabinsk)

1. Chmelevsky M. P. (St. Petersburg) “Electrophysiological mechanisms of atrial fibrillation and possibility of their non-invasive diagnosis” – 25 minutes.
2. Lyan E. V. (Germany) “Atrial myocardial imaging in the arrhythmological operating room: invasive techniques” – 25 minutes.
3. Tchaikovskaya M. K. (Moscow) “Visualization of catheter influences and P-wave morphology after interventional treatment of AF” – 15 minutes.
4. Shugaev P. L. (Chelyabinsk) “Use of high-density mapping in the treatment of incisional atrial flutter” – 15 minutes.
5. Discussion – 10 minutes.

**February 29th, 2020**  
**Green Hall 5**  
**10.00-11.30**  
**Master class**  
**Boston Scientific/Cardiomedics**

**«Labor est etiam ipse voluptas» Programming of the patients with CCM».**  
Sviridova A.A. (Moscow)

**February 29th, 2020**  
**Green Hall 5**  
**12.00-14.00**  
**Master class**  
**Boston Scientific/Cardiomedics**

**Labor et patientia omnia vincunt.** Follow-up of the patients with implanted CRT devices. Kostyleva O.V. (Moscow)

**February 29th, 2020**  
**Green 6 Hall**  
**9:00 – 10:30**

**Workshop “Implantable electricity generators: current state and prospects”**

Chairmen:

Candidate of Technical Sciences P. M. Gotovtsev (Moscow)

A. S. Somov, Ph. D. (Moscow)

1. Gotovtsev P. M. (Moscow, Research Center “Kurchatov Institute”) “Implantable electricity generators – a review of modern approaches to generation of electricity in a living organism” – 15 minutes.
2. Somov A. S. (Moscow, Skolkovo Institute of Sciences and Technologies) “Technologies for collection of alternative energy for powering implantable devices” – 15 minutes.
3. Parunova Yu. M. (Moscow, Research Center “Kurchatov Institute”) “Glucose biofuel cell with electrodes made from electrically conductive hydrogels” – 15 minutes.
4. Plekhanova Yu. V. (Moscow, Institute of Biochemistry and Physiology of Microorganisms named after G.K. Scriabin, of the Russian Academy of Sciences (IBPM of RAS) – a separate subdivision of the Federal State Budget Institution “Federal Research Center “Pushchino Scientific Center for Biological Research of the Russian Academy of Sciences”) “Biofuel elements and biosensors – the possibility of miniaturization while maintaining high output power” – 15 minutes.
5. Bolshin D. S. (Moscow, Lomonosov Moscow State University, Faculty of Physics) “Using the natural fluid flow to generate electricity as a possible approach to the power supply of implantable devices” – 15 minutes.
6. Discussion 15 minutes.

Break 10:30 – 10:40

**February 29th, 2020**  
**Green 6 Hall**  
**10:40 – 12:10**  
**Functional diagnostics**  
**Session No. 1**  
**Chairmen:**

Professor V. S. Nikiforov (St. Petersburg)  
Professor A. V. Pevzner (Moscow)  
Associate Professor of Medical Sciences S. A. Yuzvinkevich (St. Petersburg)

1. Arutyunova E. Yu. (Alan C. Pope High School, 3001 Hembree Rd NE, Marietta, Georgia 30062), Semenov I. A., Arutyunov Yu. A. (Moscow) “Methods of early diagnosis of cardiac pathologies based on new concepts of myocardial electromagnetics” – 15 minutes.
2. Khlynin M. S., Usenkov S. Yu., Batalov R. E., Archakov E. A., Popov S. V., Atabekov T. A. (Tomsk) “Non-invasive topical diagnostics in patients with atrial and ventricular arrhythmias” – 15 minutes.
3. Frolov A. V., Vaykhanskaya T. G., Vorobev A. P., Melnikova O. P. (Minsk, Belarus) “Index of myocardial electrical instability – a measure of arrhythmogenic status of patients” – 15 minutes.
4. Pavlysh E. F., Veleslavova O. E., Rud S. D. (St. Petersburg) “Assessment of myocardial function in patients with arrhythmogenic cardiomyopathy” – 15 minutes.
5. Mamaeva O. P., Pavlova N. E., Guseva O. A., Agarkov M. V., Khilchuk A. A., Vorobyevsky D. A., Vlasenko S. V., Egorov D. F., Lebedeva S. V., Scherbak S. G. (St. Petersburg) “Modern features of echocardiography for the diagnosis of chronic coronary syndrome in patients with permanent atrial fibrillation” – 15 minutes.
6. Mangutov D. A., Chernov M. Yu., Novichkov S. A., Mikhaylichenko S. I., Gorbunov K. A., Dzhandzhgava A. O. (Moscow) “Visualization of deposits on implanted electrodes at intracardiac echocardiographic examination of patients with antiarrhythmic devices” – 15 minutes.

Lunch break 12:10 – 13:40

**February 29th, 2020**

**Green 6 Hall**

**13:40 – 15:10**

**Functional diagnostics**

**Session No. 2**

**Chairmen:**

Professor V. S. Nikiforov (St. Petersburg)  
Professor Yu. A. Bunin (Moscow)  
Professor V. M. Tikhonenko (St. Petersburg)

1. Mamaeva O. P., Lukina A. V., Kozhanova N. V., Pavlova N. E., Merzlyakov K. V., Kozlova G. A., Egorov D. F., Urazov S. P., Lebedeva S. V., Scherbak S. G. (St. Petersburg) “Results of long-term ECG monitoring for the diagnosis of atrial fibrillation in patients with cerebral stroke” – 15 minutes.
2. Mamchur S. E., Ivanitsky E. A., Polikutina O. M., Mamchur I. N., Chichkova T. Yu. (Kemerovo) “Efficiency of various strategies of prolonged ECG monitoring for detection of atrial fibrillation in patients with cryptogenic stroke” – 10 minutes.
3. Perchatkin V. A., Lvova A. B., Repin A. N., Kostrikin A. A. (Tomsk) “Experience of application of the ELSCAN system in the clinical practice” – 15 minutes.
4. Weber V. R., Zhmaylova S. V., Vinogradov A. I., Rubanova M. P., Sukhenko I. A., Shvetsov D. A. (Veliky Novgorod) “Changes in parameters of 24-hour monitoring of arterial hypertension during treatment with metoprolol” – 10 minutes.
5. Kalemberg A. A. (Moscow) “Benefits of use of the remote monitoring for daily ECG monitoring” – 10 minutes.
6. Borozdin M. Yu. (Moscow) “Second generation 24-hour (Holter) ECG monitoring. Advantages and cRoomenges” – 15 minutes.

7. Discussion – 20 minutes.

Break 15:10 – 15:20

**February 29th, 2020**  
**Green 6 Hall**  
**15:20 – 17:00**  
**Functional diagnostics**  
**Session No. 3**

**Chairmen:**

Associate Professor of Medical Sciences S. E. Mamchur (Kemerovo)

Professor V. S. Nikiforov (St. Petersburg)

Candidate of Medical Sciences T. V. Treshkur (St. Petersburg)

1. Fomina E. S., Nikiforov V. S., Frolova E. V., Reshetnik D. A. (St. Petersburg) “Features of parameters of arterial stiffness, daily blood pressure profile in patients with arterial hypertension with the presence of senile asthenia” – 15 minutes.
2. Batalov R. E., Usenkov S. Yu., Smorgon A. V., Krivolapov S. N., Hlynin M. S., Popov S. V., Archakov E. A. (Tomsk) “Clinical application of long-term non-invasive ECG monitoring in patients with cardiac arrhythmias” – 15 minutes.
3. Pryakhin A. S., Andreev S. L., Zavadovsky K. V., Shipulin V. M. (Tomsk) “Load radionuclide tomoventriculography in patients with ischemic cardiomyopathy: an opportunity to predict a course of the early postoperative period” – 15 minutes.
4. Mishkina A. I., Zavadovsky K. V., Gulya M. O., Varlamova Yu. V., Lebedev D. I., Lishmanov Yu. B. (Tomsk) “Scintigraphic methods for prediction of the results of cardiac resynchronization therapy in patients with chronic heart failure” – 15 minutes.
5. Nikolaenko M. V., Kizhevatoeva E. A., Drobotya N. Viktorovna (Rostov-on-Don) “Use of EEG to detect cognitive impairments at an early stage in patients with arterial hypertension” – 15 minutes.
6. Balykova L. A., Ivyansky S. A., Shirokova A. A., Varlashina K. A. (Saransk) “Relationship of the vascular wall stiffness parameters and cardiovascular remodeling markers in young athletes”. – 15 minutes.
7. Discussion – 10 minutes.

**February 29th, 2020**

**Green 7 Hall**

**10:40 – 12:10**

**Neuromodulation in neurosurgical practice**

Chairman:

Professor A. Yu. Ulitin (St. Petersburg)

Candidate of Medical Sciences V. G. Nezdorovina (St. Petersburg)

1. Nezdorovina V. G. (St. Petersburg) “Use of neuromodulation as a part of treatment of pharmacoresistant forms of epilepsy” – 30 minutes.
2. Nezdorovin O. V. (St. Petersburg) “Modern surgical approaches to treatment of Parkinson's disease” – 30 minutes.
3. Malyshev S. A. (St. Petersburg) “Stimulation techniques of pain syndrome correction” – 30 minutes.

Lunch break 12:10 – 13:40

**February 29th, 2020**

**Green 7 Hall**

**13:40 – 15:10**

**Round table**

**Neuromodulation in cardiology**

Chairmen:

Candidate of Medical Sciences A. L. Kalinkin (Moscow)

Associate Professor of Medical Sciences A. E. Yakovlev (Moscow)

1. Kalinkin A. L. (Moscow) “Vegetative cardiac regulation: modern concepts” – 30 minutes.
2. Tchaikovskaya M. K. (Moscow) “Review of modern researches related to the effect of neuromodulation on various aspects of cardiac activity” – 25 minutes.
3. Yakovlev A. E. (Moscow) “Results of the application of neuromodulation techniques in cardiology and not only...” – 30 minutes.
4. Discussion – 5 minutes.

Break 15:10 – 15:20

**February 29th, 2020**

**Green 7 Hall**

**15:20 – 17:00**

**Ways to improve long-term results of treatment in patients with chronic coronary syndrome and cardiac arrhythmias**

Chairmen:

Professor D. F. Egorov (St. Petersburg)

Associate Professor of Medical Sciences V. A. Marinin (St. Petersburg)

Candidate of Medical Sciences I. N. Kochanov (St. Petersburg)

1. Kochanov I. N. (St. Petersburg) “Optimization of percutaneous coronary interventions using intravascular imaging and assessment of the blood flow volume reserve” – 20 minutes.
2. Zagatina A. V. (St. Petersburg) “Non-invasive measurement of coronary reserve at stress echocardiography” – 20 minutes.



3. Egorov D.F., Sidorchuk A.V., Pozdnyakov Yu.N., Fyodorov A.S. (St. Petersburg) "Modern methods of lifetime increasing in patients with coronary disease and implanted pacemaker" – 20 minutes.

4. Discussion.

**February 29th, 2020**

**Green 8 Hall**

**9:00 – 10:30**

**Symposium “Cardiac surgery, interventional cardiology and arrhythmology of the Krasnoyarsk Territory”**

**Chairmen:**

Professor V. A. Sakovich (Krasnoyarsk, head physician of the Federal Cardiovascular Surgery Center)

Associate Professor of Medical Sciences E. A. Ivanitsky (Krasnoyarsk, head of the department of the Federal Cardiovascular Surgery Center)

1. Sakovich V. A. (Krasnoyarsk) “History and present of cardiovascular surgery in the Krasnoyarsk Territory” – 30 minutes.
2. Ivanitsky E. A. (Krasnoyarsk) “Surgical and interventional arrhythmology of the center of Siberia” – 20 minutes.
3. Kasimtseva T. A. (Krasnoyarsk) “Organization of arrhythmological care for adults in conditions of the Federal Cardiovascular Surgery Center” – 15 minutes.
4. Cheremisina A. Yu. (Krasnoyarsk) “Organization of arrhythmological care for children in conditions of the Federal Cardiovascular Surgery Center” – 15 minutes.
5. Prokopenko A. V. (Krasnoyarsk) “Observation of patients with implanted antiarrhythmic devices in the Federal Cardiovascular Surgery Center using remote and non-remote monitoring” – 15 minutes.

Break 10:30 – 10:40

**February 29th, 2020**

**Green 8 Hall**

**10:40 – 12:10**

**Symposium of the First St. Petersburg State Medical University named after Acad.**

**I. P. Pavlov**

**Chairmen:**

Professor D. F. Yegorov (St. Petersburg)

Professor S. M. Yashin (St. Petersburg)

1. Yegorov D. F. (St. Petersburg) “1 LMI/FSPbSMU named after academician I.P. Pavlov – the father of interventional arrhythmology in Leningrad-St. Petersburg” – 10 minutes.
2. Yashin S. M. (St. Petersburg) “Development of technology and evolution of knowledge in interventional arrhythmology” – 30 minutes.
3. Morozov A. N. (St. Petersburg) “Visualization in interventional treatment of atrial fibrillation: necessity and sufficiency” – 20 minutes.
4. Kazakov A. I. (St. Petersburg) “Echocardiography in interventional arrhythmology: methods and indications” – 15 minutes.
5. Yershov V. O. (St. Petersburg) “Digital medicine in arrhythmology: realities and opportunities” – 15 minutes.

Lunch break 12:10 – 13:40

**February 29th, 2020**

**Green 8 Hall**

**13:40 – 15:10**

**Treatment of arrhythmias in special patient populations**

Chairmen:

Professor G. E. Gendlin (Moscow)

Associate Professor of Medical Sciences A. V. Melekhov (Moscow)

1. Gendlin G. E. (Moscow) “Rhythm and conduction disorders in patients with cancer”.
2. Yemelina E. I. (Moscow) “Antithrombotic therapy in patients with an increased risk of bleeding”.
3. Melekhov A. V. (Moscow) “Warfarin or new oral anticoagulants in patients with non-valve atrial fibrillation: the end of competition? Results of observational studies”.

Break 15:10 – 15:20

**February 29th, 2020**

**Hall Green 8**

**15:20 – 17:00**

**Topical issues of interventional treatment of tachyarrhythmias**

Session No. 7

Chairmen:

Associate Professor of Medical Sciences K. V. Davtyan (Moscow)

Professor S. M. Yashin (St. Petersburg)

Associate Professor of Medical Sciences E. N. Mikhailov (St. Petersburg)

1. Revishvili A. Sh., Artyukhina E. A. (Moscow) “Non-invasive diagnosis of arrhythmias: new opportunities in the intraoperative period of the interventional treatment of arrhythmias” – 20 minutes.
2. Davtyan K. V. (Moscow) “Technical possibilities to increase the safety of parahisian ablation” – 20 minutes.
3. Kalemberg A. A. (Moscow) “New technologies in the treatment of persistent atrial fibrillation using Astrocord system” – 20 minutes.

**February 29th, 2020**

**Green 9 Hall**

**9:00 – 10:30**

**Symposium “New approaches to diagnosis of life-threatening ventricular tachyarrhythmias and prevention of sudden cardiac death”**

Chairmen:

Candidate of Medical Sciences M. V. Yakovleva (Moscow)

Candidate of Medical Sciences N. B. Shlevkov (Moscow)

1. Shlevkov N. B. (Moscow) “Significance of assessment of NT-pro-BNP, sST2 and other biomarkers in the stratification of the risk of ventricular tachyarrhythmias and sudden cardiac death” – 15 minutes.
2. Salami H. F. (Moscow) “New ECG algorithms for differential diagnosis of ventricular and aberrant supraventricular tachycardias” – 15 minutes.
3. Pevzner A. V. (Moscow) “Respiratory disorders during sleep as a risk factor for sudden cardiac death” – 15 minutes.
4. Tarasovsky G. S. (Moscow) “Possibilities for predicting adverse cardiovascular events using the remote system for monitoring of implanted devices” – 15 minutes.
5. Yakovleva M. V. (Moscow) “Possibilities of neuromodulation in the treatment of ventricular arrhythmias and prevention of sudden cardiac death” – 15 minutes.
6. Discussion of reports, answers to questions – 15 minutes.

Break 10:30 – 10:40

**February 29th, 2020**

**Green 9 Hall**

**10:40 – 12:10**

**Symposium “Dynamic management of patients with implantable antiarrhythmic devices and arrhythmias”**

**Session No. 5 “All about parasystole: artificial and “natural” – what is known?”**

Chairmen:

Candidate of Medical Sciences T. V. Treshkur (St. Petersburg)

Candidate of Medical Sciences E. V. Pervova (Moscow)

1. Treshkur T. V. (St. Petersburg) “Two pacemakers in one heart – what is their relationship?” – 40 minutes.
2. Pervova E. V. (Moscow) “True and false ventricular arrhythmias during pacemaking. Difficulties of diagnosis” – 40 minutes.
3. Discussion 10 minutes.

Lunch break 12:10 – 13:40

**February 29th, 2020**

**Green 9 Hall**

**13:40 – 15:10**

**Topical issues of pacing**

**Session No. 1**

Chairmen:

Professor V. A. Kuznetsov (Tyumen)

Associate Professor of Medical Sciences S. V. Molodykh (Ekaterinburg)

Candidate of Medical Sciences A. Ya. Kosonogov (Nizhny Novgorod)

Associate Professor of Medical Sciences S. A. Yuzvinkevich (St. Petersburg)

1. Glumskov A. B., Durmanov S. S., Kozlov A. V., Makarova N. N., Popylkova O. V., Trunova O. S., Bazylev V. V. (Penza) “Role of active right ventricular stimulation in development of tricuspid regurgitation and its effect on contractility of the right ventricle in non-pacemaker-dependent patients”.
2. Molodykh S. V., Idov E. M., Potapov A. A., Protopopov V. V. (Yekaterinburg, Perm) “Application of anatomical landmarks for puncture of the axillary vein with permanent cardiac electrical stimulation and defibrillation”.
3. Molodykh S. V., Minaev V. V., Steklov V. I., Kandinsky M. L., Latkin M., Tarasov A. V., Botonogov S. V., Prikazchikov E., Mikhailov S. P., Sapelnikov O. V., Mikhailov V. V., Rodionov V. A., Protopopov V. V. (Yekaterinburg, Moscow, Krasnodar, Kurgan, Volgograd, Tula, Nizhny Tagil, Perm) “Permanent cardiac electrical stimulation and defibrillation in patients with abnormal venous drainage. Multicenter experience of implantation and long-term follow-up”.
4. Yambatrov A. G., Sankin D. V., Shulpina T. M., Fyut N. G., Pankratova A. V., Lychenko S. V., Zakharina A. V. (Kovrov) “Electrophysiological features of different options for right ventricular stimulation during pacemaker implantation”.
5. Kosonogov A. Ya. (Nizhny Novgorod) “What is considered an extraction of the endocardial electrode?”.
6. Serguladze S. Yu., Kvasha B. I., Novikov A. V. (Moscow) “Surgical removal of endocardial electrodes in patients with infectious endocarditis with evaluation of tricuspid valve function”.
7. Kiprensky A. Yu., Mironovich S. A., Podolyak D. G. (Moscow) “Effective methods of endovascular extraction of electrodes”.
8. Sokolova L. A., Tsepennikova N. V., Bulatov D. O. (Yekaterinburg) “Incidence of thromboembolic complications in patients with atrial fibrillation and implanted pacemakers with the function of atrial event monitoring”.

Break 15:10 – 15:20

**February 29th, 2020**

**Green 9 Hall**

**15:20 – 17:00**

**Topical issues of pacing**

**Session No. 2**

Chairmen:

Associate Professor of Medical Sciences S. E. Mamchur (Kemerovo)

Associate Professor of Medical Sciences S. V. Molodykh (Ekaterinburg)

Associate Professor of Medical Sciences V. A. Dudakov (Moscow)

Associate Professor of Medical Sciences M. V. Didenko (St. Petersburg)

1. Dudakov V. A., Selivanenko V. T., Benia R. M. (Moscow) “Surgical treatment of electrode-associated infective endocarditis of the tricuspid valve in cardiac surgery practice”.
2. Kalinin R. E., Suchkov I. A., Mzhvananadze N. D., Shitov I. I., Povarov V. O. (Ryazan) “Electrode-associated venous thromboembolic complications”.
3. Kotomin A. V., Sapozhnikov E. G., Shcherbenev V. M., Bashirov D. O., Gordiychuk R. N., Chebykin R. N. (Osa) “Why do we need telemetry technologies for polling of implanted antiarrhythmic devices for the work of a cardiologist at a district clinic?”.
4. Postol A. S., Neminuschiy N. M., Ivanchenko A. V., Lyashenko V. V., Vygovsky A. B., Schneider Yu. A. (Kaliningrad) “ICD function in patients with various types of SCD prophylaxis”.

5. Sapelnikov O. V., Nikolaeva O. A., Grishin I. R., Cherkashin D. I., Arduş D. F., Kulikov A. A., Uskach T. M., Akchurin R. S. (Moscow) "Implantation of a loop cardiomonitor in patients with cryptogenic stroke: results of one-year follow-up".
6. Minaev V. V. (Moscow) "Sinus node monitoring in patients with AF using EnRhythm and Advisa MRI pacemakers".
7. Repnikov I. O., Ginzburg I. N., Gordeev O. L., Oleichuk E. D., Egorov D. F. (St. Petersburg) "Long-term results of use of domestic endocardial electrodes with active fixation made by Elestim-Cardio".
8. Bryukhanova I. A., Gorbunova E. V., Mamchur S. E. (Kemerovo) "Causes of delayed pacemaker implantation in patients with myocardial infarction".
9. Krisanov V. V., Kozlovsky V. I. (Vitebsk) "Possibilities of identifying a person and determining the time of death in people with implanted antiarrhythmic devices".

**February 29th, 2020**

**Hall Green 10**

**9:00 – 10:30**

**VII All-Russian Symposium**

**“Hereditary connective tissue disorders in cardiology: on the occasion of 80th anniversary of Prof. E. V. Zemtsovsky”**

**Session No. 1 “Hereditary Connective Tissue Disorders”**

**Chairmen:**

**Professor E. V. Zemtsovsky (St. Petersburg)**

**Professor A. S. Rudoy (Minsk, Belarus)**

**Associate Professor of Medical Sciences E. G. Malev (St. Petersburg)**

1. Zemtsovsky E. V., Reeva S. V. (St. Petersburg) “Dysplastic heart: current state of the problem” – 30 minutes.
2. Rudoy A. S. (Minsk, Belarus) “Genotype – Environment – Interconnection – Aortopathy” – 30 minutes.
3. Malev E. G. (St. Petersburg) “Life-threatening ventricular arrhythmias and the risk of sudden death in patients with mitral valve prolapse: new data” – 30 minutes.

Break 10:30 – 10:40

**February 29th, 2020**

**Hall Green 10**

**10:40 – 12:10**

**VII All-Russian Symposium**

**“Hereditary connective tissue disorders in cardiology: on the occasion of 80th anniversary of Prof. E. V. Zemtsovsky”**

**Session No. 2 “Aorta and aortic valve”**

**Chairmen:**

**Professor E. V. Zemtsovsky (St. Petersburg)**

**Professor E. L. Trisvetova (Minsk, Belarus)**

**Associate Professor of Medical Sciences E. G. Malev (St. Petersburg)**

1. Trisvetova E. L. (Minsk, Belarus) “Aortopathy in patients with bicuspid aortic valve” – 30 minutes.
2. Luneva E. B. (St. Petersburg) “Multimodal imaging in patients with pathology of the aorta and aortic valve” – 20 minutes.
3. Timofeev E. V. “Rhythm disorders and their predictors in patients with hereditary connective tissue disorders” – 20 minutes.
4. Reeva S. V. “Vegetative dysfunction in patients with hereditary connective tissue disorders” – 20 minutes.

Lunch break 12:10 – 13:40

**February 29th, 2020**

**Hall Green 10**

**13:40 – 15:10**

**Stress echocardiography for a cardiologist: answers to complex questions**

**Chairmen:**

**Associate Professor of Medical Sciences E. G. Malev (St. Petersburg)**

**Candidate of Medical Sciences A. V. Zagatina (St. Petersburg)**

1. Malev E. G. (St. Petersburg) “Stress echocardiography in patients with coronary heart disease: main clinical scenarios” – 30 minutes.
2. Zagatina A. V. (St. Petersburg) “Positive stress test and “clean” coronary arteries” – 30 minutes.
3. Kozlov P. S. (St. Petersburg) “Stress echocardiography in patients with valvular heart diseases: who should be referred and what to expect” – 30 minutes.

Break 15:10 – 15:20

**February 29th, 2020**  
**Hall Green 10**  
**15:20 – 17:00**