

**TUESDAY, MAY 20, 2014**

**POSTERS**

**Halls №№ 9 – 10**

**13.15 – 14.15**

**Hall № 9**

**13.15 – 14.15**

**«REOPERATION ON THE OBSTRUCTION  
OF PULMONARY BLOOD FLOW  
LONG AFTER THE CORRECTION OF CHD»**

**«DIAGNOSIS AND TREATMENT  
FOR MULTI-ORGAN FAILURE AND SEPSIS»**

**«HOW DO PERFUSION PROTOCOL AND METHOD OF MYOCARDIAL PROTECTION  
AFFECT THE POSTOPERATIVE PERIOD?»**

**«ALTERNATIVES TO BLOOD TRANSFUSION»**

**«CONDITIONS AND METHODS OF SURGICAL MYOCARDIAL REVASCULARISATION»**

**Hall № 10**

**13.15 – 14.15**

**«MYOCARDIAL REVASCULARISATION IN PATIENTS  
WITH CAD AND MITRAL REGURGITATION OF GRADE 2:  
THE TREATMENT TACTICS CHOICE»**

**«CARDIOLOGY AND VIZUALISATION IN CARDIAC SURGERY»**

**«VASCULAR SURGERY»**

**«RARE CASES AND UNCONVENTIONAL APPROACHES  
IN THE SURGERY FOR ASCENDING AORTA AND AORTIC ARCH ANEURYSMUS»**

**TUESDAY, MAY 20, 2014**

Hall «**BAKOULEV**» (№ 1)

**9.00-9.45**

**PLENARY SESSION**

**Academician Bourakovsky Memorial Lecture**

Chairman: L.A. Bockeria (Moscow)

**Shunji Sano, Japan**

**«Hypoplastic left heart syndrome and beyond»**

**9.45-10.00**

**Break**

**10.00-11.30**

**CONFERENCE**

**«MODERN METHODS OF DIAGNOSIS AND TREATMENT  
FOR MULTI-ORGAN FAILURE AND SEPSIS»**

**Moderators:** L.A. Bockeria (Moscow), B.R. Gelfand (Moscow), A.A. Eremenko (Moscow),  
N.N. Samsonova (Moscow), G.V. Lobachyova (Moscow), M.B. Yaroustovsky (Moscow)

**COMPLICATIONS IN THE OPERATING ROOM  
AS RISK FACTORS FOR DEVELOPING POSTOPERATIVE MULTIORGAN FAILURE**

1. Samuilova D.Sh.  
**Importance of the laboratory tests in the tactics of anesthesia and perfusion.** 15 min.
2. Rybka M.M., Hinchagov D.Ya.  
**Our ideas about the adequacy of perfusion – in the view of an anesthesiologist** 15 min.
3. Averina T.B., Andreeva E.V.  
**Our ideas about the adequacy of anesthesia - in the view of a perfusionist** 15 min.
4. Bockeria L.A.  
**Tandem tasks of anesthesiologist and perfusionist - in the view of a cardiac surgeon** 15 min.
5. **Discussion**  
Fixed presentations - 3-5 min.:  
D.O. Berishvili  
M.L. Semenovskiy  
A.A. Rakhimov  
G.G. Khubulava

**11.30-11.45**

**Break**

**11.45-13.00**

**DIAGNOSING MODS AND SEPSIS**

1. Serov R.A., Penyaeva E.V.  
**Pathological picture of MODS.** 15 min.
2. Dementieva I.I.  
**Modern diagnostics of the target organ dysfunctions in MODS.** 15 min.

3. Plushch M.G.  
**Methods for diagnosing endotoxemia: yesterday, today and tomorrow.** 15 min.
4. Popov D.A.  
**Microbiological diagnosis and rational antimicrobial therapy.** 15 min.
5. **Discussion** 15 min.  
Fixed presentations - 3-5 min.:  
E.F. Kozar  
Yu.A. Morozov  
D.N. Protsenko

**13.00-14.00**  
**Break**

**14.00-15.45**

INTENSIVE THERAPY FOR MODS AND SEPSIS

1. Gelfand B.R., Protsenko D.N., Yaroshetsky A.I.  
**Intensive therapy for sepsis and MODS: our successes and failures in recent years.** 15 min.
2. Nekhaev I.V., Korotkov I.S.  
**Aspects of immunocorrection in MODS.** 15 min.
3. Samsonova N.N., Klimovitch L.G.  
**The pathogenesis of postoperative coagulopathy. Modern methods of diagnosis and treatment.** 15 min.
4. **Infusion-transfusion therapy in sepsis and MODS**  
*Debates:*
  - **Strategy and tactics**– Eremenko A.A. 10 min.
  - **Limitations** – Kupryashov A.A. 10 min.
5. Yaroustovsky M.B., Abrahamian M.V.  
**Acute kidney injury associated with sepsis.** 15 min.
6. Shestopalov A.E.  
**Nutritional support in MODS.** 15 min.
7. **Discussion**  
Fixed presentations - 3-5 min.:  
G.V. Lobachyova  
A.E. Khabarov

**15.45-16.00**  
**Break**

**16.00-17.30**

**ROUND TABLE**

**«HOW DO PERFUSION PROTOCOL AND METHOD OF MYOCARDIAL PROTECTION  
AFFECT THE POSTOPERATIVE PERIOD? »**  
(«TERUMO»)

Chairmen: T.B. Averina (Moscow), N.Yu. Melnikov (Nizhny Novgorod)

1. Averina T.B. (Moscow, Russia) 10 min.  
**Does the clinical course of the postoperative period in children under one year depend on the managing tactics of hemohydrobalance in the perioperative period?**
2. Bombin D.A., Dyuzhikov A.A., Rosenberg A.B., Grigorieva O.A., Filonenko A.V., Dolmatov A.E. (Rostov-on-Don, Russia) 10 min.  
**Conducting cardiopulmonary bypass in newborns and children of the first year of life.**
3. Averina T.B., Shundrov A.S. (Moscow, Russia) 10 min.  
**Does the approach to fluid therapy during CPB influence the clinical course in the postoperative period?**

4. Pichugin V.V., Melnikov N.Yu., Sandalkin E.V., Medvedev A.P., Gamzaev A.B., Chiginyov V.A., Zhurko S.A. (Nizhny Novgorod, Russia) 10 min.  
**The influence of different methods for protection the heart and lungs with anesthesia and perfusion during valve surgery on the course of the postoperative period.**
5. Erich Gygax (Bern, Switzerland) 40 min.  
**Principles for the development and evolution of clinical perfusion protocols.**
- Discussion*** 10 min.

**17.30-17.40**

**Break**

**17.40**

**PLENARY SESSION**

***SUMMARY OF THE COMPETITION OF YOUNG RESEARCHERS' WORKS***

***CLOSING CEREMONY OF THE 18<sup>TH</sup> ANNUAL SCIENTIFIC SESSION***

**TUESDAY, MAY 20, 2014**

**Hall «BOURAKOVSKY» (№ 2)**

**10.00-11.30**

**ROUND TABLE**

**«MYOCARDIAL REVASCULARISATION IN PATIENTS  
WITH CAD AND MITRAL REGURGITATION OF GRADE 2:  
THE TREATMENT TACTICS CHOICE»**

(Section of Russian Association of Cardiovascular Surgeons  
«Surgical treatment of ischemic heart disease»)

Chairmen: Yu.A. Schneider (Kaliningrad), I.Yu. Sigayev (Moscow), B.V. Shabalkin (Moscow),  
S.G. Sukhanov (Perm), A.M. Chernyavskiy (Novosibirsk)

1. Chernyavskiy A.M., Ruzmatov T.M., Efendiev V.U., Razumahin R.A., Sakovitch V.A., Drobot D.B., Kovlyakov V.A., Kulumbegov O.I. (Novosibirsk, Krasnoyarsk and Khabarovsk, Russia) 15 min.  
**Multicenter, randomized trial "Surgical treatment of ischemic mitral insufficiency» (Surgical Treatment of Ischemic Mitral rEurgitation - "TIME"). Intermediate results.**
  2. Gordeev M.L. (St. Petersburg, Russia) 15 min.  
**The experience of Federal Almazov Medical Research Centre in treating mitral regurgitation (grade 2) in patients with CAD.**
  3. Sukhanov S.G. (Perm, Russia) 15 min.  
**Approaches of assessing hemodynamic significance of moderate ischemic mitral regurgitation and the predictors of its progression in the choice of surgical tactics.**
  4. Alshibaya M.M. (Moscow, Russia) 15 min.  
**Ischemic mitral regurgitation in patients with postinfarction aneurysm of the heart and ischemic cardiomyopathy.**
- Session of the section of Russian Association of Cardiovascular Surgeons  
«Surgical treatment of ischemic heart disease»** 30 min.

**11.30-11.45  
Break**

**11.45-13.15**

**SESSION OF THE SECTION OF ACVS  
«CARDIOLOGY AND VIZUALISATION IN CARDIAC SURGERY»  
MODERN DIAGNOSTIC TECHNOLOGIES AND TRAINING  
IN CARDIOLOGY AND CARDIAC SURGERY**

Chairmen: E.Z. Golukhova (Moscow), V.N. Makarenko (Moscow)

1. Karaev A.V., Bockeria L.A., Alekyan B.G., Pursanov M.G., Petrosyan K.V., Abrosimov A.V. (Moscow, Russia) 8 min.  
**New technologies in the diagnosis of coronary artery disease: 3D rotational coronary angiography and 3D modeling of coronary arteries.**
2. Shurupova I.V., Aslanidi I.P., Bockeria L.A., Derevjanko E.P., Katunina T.A. (Moscow, Russia) 8 min.  
**Three-year experience of using myocardial PET/CT for the evaluation of hibernation areas.**
3. Obelchak I.S. (Balashikha, Russia) 8 min.  
**Multispiral computed tomography in the diagnosis of vascular gunshot injuries.**
4. Shinkareva T.V., Yurpolskaya L.A., Makarenko V.N., Zelenikin M.M. (Moscow, Russia) 8 min.

- Magnetic resonance imaging using 4D Flow technique in the study of blood flow in patients after Fontan operation.**
5. Makhmudova A.N., Bockeria L.A., Shatalov K.V., Bockeria O.L., Alexandrov S.A., Serov R.A., Hugaev G.A. (Moscow, Russia) 8 min.
- Magnetic resonance imaging as a diagnostic method of cardiac transplant rejection.**
6. Vereshchagina A.M., Golukhova E.Z., Kim A.I., Rogova T.V., Mashina T.V., Mrikaev D.V. (Moscow, Russia) 8 min.
- Methods for assessment of myocardial dyssynchrony before and after surgery in patients of the first year of life with aortic coarctation.**
7. Kudzoeva Z.F., Bockeria L.A., Bockeria O.L., Koasari A.K. (Moscow, Russia) 8 min.
- Influence of CYP2C19 gene polymorphism on the choice of effective antiplatelet therapy after coronary stenting.**
8. Riabinina M.N., Golukhova E.Z., Bulaeva N.I., Kubova M.Ch., Grigoryan M.V. (Moscow, Russia) 8 min.
- Antiplatelet therapy for coronary stenting: clinical observation, laboratory testing or identification of genetic polymorphisms?**
9. Hugaev S.G. (Moscow, Russia) 8 min.
- Simulation in cardiac surgery (review).**

### **Discussion**

**13.15-14.15**

**Break**

**14.15-15.45**

### **SESSION OF THE SECTION OF ACVS «CARDIOLOGY AND VIZUALISATION IN CARDIAC SURGERY» YOUNG RESEARCHES' WORKS (Competition)**

Chairmen: L.A. Bockeria (Moscow), E.Z. Golukhova (Moscow), V.N. Makarenko (Moscow)

**Commission members:** O.L. Barbarash (Kemerovo)  
E.D. Kosmacheva (Krasnodar)  
I.V. Kluchnikov (Moscow)  
T.G. Nikitina (Moscow)  
E.N. Orehova (Perm)  
S.G. Sukhanov (Perm)

1. Zakharova O.E. (Moscow, Russia) 8 min.  
**Identifying rare abnormalities of the aortic arch and brachiocephalic arteries in neonates and infants.**
2. Shlyappo M.A. (Moscow, Россия) 8 min.  
**Multispiral computed tomography for identifying the correlation between changes in the lung parenchymal tissue with pulmonary vein stenosis after surgical treatment for pulmonary veins.**
3. Ivanova Z.Z. (Moscow, Russia) 8 min.  
**Magnetic resonance imaging for the assessment of presence and features of the fibrotic changes of the left atrium myocardium in patients with atrial fibrillation.**
4. Shomakhov R.A. (Moscow, Russia) 8 min.  
**Options for modern research methods to identify the substrate for noncoronary ventricular arrhythmias.**
5. Gromova O.I. (Moscow, Russia) 8 min.  
**Heart rate turbulence and brain natriuretic peptide - independent predictors of life-threatening arrhythmias in patients with coronary artery disease at 2-year follow-up.**
6. Riabinina M.N. (Moscow, Russia) 8 min.  
**Platelet reactivity on the background of dual antiplatelet therapy after coronary stenting: genetic polymorphism and clinical options.**

7. Zaharkina M.V. (Moscow, Russia) 8 min.  
**Tissue Doppler imaging in patients with aortic stenosis before and in the early postoperative period.**
8. Osetrova O.A. (Perm, Russia) 8 min.  
**Assessment of right ventricular systolic function in patients with multivascular coronary disease.**
9. Stavenchuk T.V. (Krasnodar, Russia) 8 min.  
**Assessment of early predictors of subclinical allograft rejection after orthotopic heart transplantation with an ultrasound speckle-tracking imaging by scanner Acuson Simiens SC 2000.**

**15.45-16.00  
Break**

**16.00-17.30  
ROUND TABLE**

**«CONDITIONS AND METHODS OF SURGICAL MYOCARDIAL REVASCULARISATION»**

Co-Chairmen: G.G. Khubulava (St. Petersburg)  
Yu.A. Schneider (Kaliningrad)  
S.G. Sukhanov (Perm)  
I.Yu. Sigayev (Moscow)  
V.Yu. Merzlyakov (Moscow)  
I.I. Berishvili (Moscow)  
M.M. Alshibaya (Moscow)

1. Sotnikov P.G., Kazanchan P.O., Kozorin M.G., Larkov R.N., Abudeeva I.S. (Moscow, Russia) 10 min.  
**The influence of complete autoarterial revascularization on the functional state of the myocardium.**
2. Schneider Yu.A., Khudjenkih E.E., Tsoy M.D., Shilenko P.A., Slepencok E.V. (Kaliningrad, Russia) 10 min.  
**Coronary arteries bypass surgery via left-thoracotomy as a method of choice in the treatment of patients with coronary artery disease.**
3. Kareva Yu.E., Chernyavskiy A.M., Volkov A.M., Lavrenyuk O.V., Terekhov I.N. (Novosibirsk, Russia) 10 min.  
**Is endoscopic or open autologous vein selection for the coronary artery bypass surgery?**
4. Berishvili I.I., Ulyanov V. A., Dmitriev A.K., Artyukhina T.V., Serov R.A., Pomazanova E.A., Vakhromeeva M.N., Semenov M.H. (Moscow and Shatura, Russia) 10 min.  
**Laser physics, physiology and histology of the laser action in the myocardium.**
5. Petrosyan A.D., Bockeria L.A., Bockeria O.L., Ereemeeva M.V., Bazarsadaeva T.S., Volkovskaya I.V. (Moscow, Russia) 10 min.  
**Possible applications of the holmium and CO2 lasers for TMLR combined with intramyocardial administration of autologous bone-marrow stem cells.**
6. Morchadze B.D., Bockeria L.A., Sigayev I.Yu., Yarbekov R.R., Kudashev I.F., Nazarov A.A. (Moscow, Russia) 10 min.  
**The immediate results of repeated myocardial revascularization in patients with coronary artery disease.**
7. **Discussion** 20 min.

**17.30-17.40  
Break**

**17.40**

**PLENARY SESSION (Hall «BAKOULEV» (№ 1))**  
**SUMMARY OF THE COMPETITION OF YOUNG RESEARCHERS' WORKS**  
**CLOSING CEREMONY OF THE 18<sup>TH</sup> ANNUAL SCIENTIFIC SESSION**

**TUESDAY, MAY 20, 2014**

**Hall «BOUKHARIN» (№ 3)**

**10.00-11.30**

**ROUND TABLE**

**«MODERN APPROACHES TO THE TREATMENT  
OF AORTIC COARCTATION AND RECOARCTATION»**

Chairmen: A.V. Pokrovskiy (Moscow), B.G. Alekryan (Moscow)

***Mini-lectures:***

- |                                                                                                                                                                                                                          |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Pursanov M.G. (Moscow, Russia)<br>Endovascular treatment of aortic coarctation and recoarctation.                                                                                                                        | 15 min. |
| Arakelyan V.S. (Moscow, Russia)<br>Surgical treatment of aortic coarctation and recoarctation.                                                                                                                           | 15 min. |
| 1. Arakelyan V.S., Gidaspov N.A., Gamzaev N.R., Golovinova E.V. (Moscow, Russia)<br><b>Indications and results of surgical treatment for patients with aortic coarctation and recoarctation.</b>                         | 7 min.  |
| 2. <u>Gasnikov A.V.</u> , Fokin A.A., Vladimirskiy V.V., Serazhitdinov A.S., Nadvikov A.I. (Chelyabinsk, Russia)<br><b>Evaluating the effectiveness of various methods of correction of aortic coarctation.</b>          | 7 min.  |
| 3. <u>Koasari A.K.</u> , Bockeria L.A., Bockeria O.L., Arakelyan V.S. (Moscow, Russia)<br><b>A case of successful treatment of a patient with aortic arch atresia.</b>                                                   | 7 min.  |
| 4. <u>Arakelyan V.S.</u> , Gidaspov N.A., Gamzaev N.R., Golovinova E.V. (Moscow, Russia)<br><b>Features of surgical treatment of patients with aortic coarctation and aberrant right subclavian artery.</b>              | 7 min.  |
| 5. <u>Arakelyan V.S.</u> , <u>Papitashvili V.G.</u> , <u>Berishvili D.O.</u> , <u>Makarenko V.N.</u> , <u>Ivashchenko D.K.</u> (Moscow, Russia)<br><b>Thoracoabdominal aortic prosthesis: a case of the young child.</b> | 7 min.  |
| <b>Debates</b>                                                                                                                                                                                                           | 30 min. |

**11.30-11.45**

**Break**

**11.45-13.15**

**ROUND TABLE**

**«MODERN APPROACHES TO THE TREATMENT OF PATIENTS  
WITH CRITICAL STENOSIS AT ICA»**

Chairmen: P.O. Kazanchan (Moscow), B.G. Alekryan (Moscow)

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|---------------------------------------------------------------------------|---------|
| <b><i>Mini-lectures:</i></b>                                              |         |
| Kazanchan P.O. (Moscow, Russia)<br>Indications for carotid endarterectomy | 15 min. |
| 2. Alekryan B.G. (Moscow, Russia)                                         |         |



- |    |                                                                                                                                                                                                                                                                              |         |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|    | Indications for stenting ICA.                                                                                                                                                                                                                                                | 15 min. |
| 3. | <u>Maslov M.G.</u> , Bondar V.Yu., Polyakov K.V., Netbay N.N., Sedunov A.V., Hayrov R.R., Udinkan A.G., Krikun T.A. (Khabarovsk, Russia)<br><b>Clinical postoperative period of carotid stenting and endarterectomy.</b>                                                     | 10 min. |
| 4. | <u>Zagarov S.S.</u> , Kazanchan P.O., Sotnikov P.G., Larkov R.N., Kozorin M.G., Vashenko A.V., Gegenava B.B., Kolesnikov Yu.Yu. (Moscow, Russia)<br><b>Our approach to angioplasty with stenting for atherosclerotic occlusive lesions of the internal carotid arteries.</b> | 10 min. |
| 5. | <u>Mustafin A.H.</u> , Zatevakhin I.I., Matyushkin A.V. (Moscow, Russia)<br><b>Optimum timing of surgical correction of carotid stenosis in patients undergoing transient ischemic attack (TIA) or stroke.</b>                                                               | 10 min. |
|    | <b>Debates</b>                                                                                                                                                                                                                                                               | 30 min. |

**13.15-14.15  
Break**

**14.15-15.45**

### SECTIONAL SESSION

#### **ACTUAL QUESTIONS OF SURGICAL TREATMENT FOR ICA STENOSIS**

Chairmen: A.V. Gavrylenko (Moscow), N.A. Darvish (Moscow)

- |    |                                                                                                                                                                                                                                         |         |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1. | <u>Kozachuk A.V.</u> , Kazakov Yu.I., Federyakin D.V. (Tver, Russia)<br><b>Anesthetic-surgical tactics in patients with combined lesions of the internal carotid artery, coronary artery disease and critical limb ischemia.</b>        | 10 min. |
| 2. | <u>Cheldiev K.V.</u> , Hamitov F.F., Cheldieva O.O., Dibirov M.D., Dashchenko E.V. (Moscow, Russia)<br><b>Results of surgical treatment of stenosis of the internal carotid artery at the occlusion of the contralateral artery.</b>    | 10 min. |
| 3. | <u>Cheldiev K.V.</u> , Hamitov F.F., Cheldieva O.O., Dibirov M.D., Dashchenko E.V. (Moscow, Russia)<br><b>Short cross-access in the bifurcation of the common carotid artery.</b>                                                       | 10 min. |
| 4. | <u>Volkov E.A.</u> , Staroverov I.N., Grachev S.A., Shchepin M.A., Lonchakova O.M., Chervyakov Yu.V., Kuzmin R.N., Yaroslavskiy A.D. (Yaroslavl, Russia)<br><b>Features of intraoperative monitoring during carotid endarterectomy.</b> | 10 min. |
| 5. | <u>Buka G.Yu.</u> , Stroilo A.B., Miroshnichenko P.V., Dolgoplov V.V., Chayka O.O., Kononenko D.A. (Lugansk, Ukraine)<br><b>Surgical treatment of carotid chemodectoma.</b>                                                             | 10 min. |
|    | <b>Discussion</b>                                                                                                                                                                                                                       |         |

**15.45-16.00  
Break**

**16.00-17.30**

### SECTIONAL SESSION

#### **HYBRID TECHNOLOGIES IN THE SURGICAL TREATMENT OF PATIENTS WITH PATHOLOGY OF THE ABDOMINAL AORTA AND LOWER EXTRIMITY ARTERIES**

Chairmen: I.I. Zatevakhin (Moscow), Yu.I. Kazakov (Tver)

- |    |                                                                                                                                                                                                          |         |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1. | <u>Tarasov Yu.V.</u> , Sharafutdinov M.R., Yakubov R.A. (Naberezhnye Chelny, Russia)<br><b>Hybrid technologies in the surgical treatment of patients with multifocal atherosclerosis.</b>                | 10 min. |
| 2. | <u>Charchyan E.R.</u> , Stepanenko A.B., Abugov S.A., Gens A.P., Skvortsov A.A., Karapetyan A.H. (Moscow, Russia)<br><b>Comparative evaluation of the results of surgical and endovascular treatment</b> | 10 min. |

- of abdominal aortic aneurysms in "intact" patients.**
3. Chetverikova E.N., Rybachkov V.V. (Yaroslavl, Russia) 10 min.  
**Оценка частоты генетического полиморфизма при облитерирующих заболеваниях артерий нижних конечностей.**  
**Assessment the frequency of genetic polymorphism in obliterating diseases of lower limb arteries.**
4. Platonov S.A., Zavatskiy V.V., Kiselev M.A., Novitsky A.S., Khubulava A.G., Tsoy A.Yu., Gurin A.V., Kandiba D.V. (St. Petersburg, Russia) 10 min.  
**Endovascular revascularization in patients with critical limb ischemia who are not suitable for open reconstructive surgery.**
5. Gavrylenko A.V., Voronov D.A., Kotov A.E., Loicov D.A. (Moscow, Russia) 10 min.  
**Modern complex treatment for patients with critical limb ischemia and diabetes.**
6. Kazakov Yu.I., Kazakov A.Yu., Mihaliyov S.A., Efimov S.Yu., Velikov P.G., Strahov M.A., Zapara P.P. (Tver, Russia) 10 min.  
**"Hybrid operations" in advanced lesion of the femoropopliteal and tibial artery segments and critical limb ischemia.**
7. Tursunov S.B., Zatevakhin I.I., Shipovsky V.N., Dzhurakulov Sh.R., Halimov A.D. (Moscow, Russia) 10 min.  
**The results of angioplasty with drug-coated balloons in lesions of the femoropopliteal segment.**

**17.30-17.40**

**Break**

**17.40**

**PLENARY SESSION (Hall «BAKOULEV» (№ 1)**

***SUMMARY OF THE COMPETITION OF YOUNG RESEARCHERS' WORKS***

***CLOSING CEREMONY OF THE 18<sup>TH</sup> ANNUAL SCIENTIFIC SESSION***

**TUESDAY, MAY 20, 2014**

**Hall «SPIRIDONOV» (№ 4)**

**10.00-11.30**

**ROUND TABLE**

**«EXPERIMENTAL MODELS OF CIRCULATION PATHOLOGY»**

Chairmen: Shatalov K.V. (Moscow), Gorodkov A.Yu. A. (Moscow)

1. Shatalov K.V. (Moscow, Russia) 10 min.  
**Formation of additional left ventricle outflow tract - from the experiment to a clinic.**
2. Tsigankov Yu.S., Sivcev V.N., Zazybo N.A. (Moscow, Russia) 10 min.  
**Experimental models of pericardiotomy syndrome and possible methods of its prevention.**
3. Zhorzholiani Sh.T., Tsigankov Yu.M. (Moscow, Russia) 10 min.  
**The experimental model of atherosclerosis and intravascular hyperplasia.**
4. Krestinich I.M., Khvichia I.M. (Moscow, Russia) 10 min.  
**Experimental model of mitral regurgitation in pigs.**
5. Zhorzholiani Sh.T., Shmelev A.S. (Moscow, Russia) 10 min.  
**Analysis of the remodeling mechanisms on the basis of quantitative criteria of intracardiac blood flow state.**
6. Kalinin R.E., Suchkov I.A., Pshennikov A.S., Novikov A.N. (Ryazan, Russia) 10 min.  
**Morpho-functional evaluation of the endothelium with different models of venous endothelial dysfunction.**
7. Salia N., Bockeria O.L. (Moscow, Russia) 10 min.  
**Options of bioresonance technologies in the treatment of postoperative wounds in cardiac surgery patients (experimental clinical research).**

***Discussion***

**11.30-11.45**

**Break**

**11.45-13.15**

**SECTIONAL SESSION**

**SURGICAL TREATMENT FOR  
ANEURYSM OF THE ASCENDING AORTA**

Chairmen: V.A. Mironenko (Moscow), S.Yu. Boldyrev (Krasnodar)

1. Titov D.A., Muratov R.M., Babenko S.I., Soboleva N.N. (Moscow, Russia) 10 min.  
**Results of surgical treatment for the aneurysms of the ascending aorta in children and teenagers.**
2. Mozhaev I.V., Dyuzhikov A.A., Kozikin V.N., Starovoitenko G.I., Shamhanyants V.D., Smachniy A.A., Gabelaya M.U. (Rostov-on-Don, Russia) 10 min.  
**Results of surgical treatment for the acute dissection of the ascending aorta.**
3. Popov V.V., Bolshak A.A., Chernjakova L.S., Volkov N.I. (Kiev, Ukraine) 10 min.  
**Exoprosthesis of the ascending aorta at its poststenotic aneurysms.**
4. Boldyrev S.Yu., Barbuhatti K.O., Belash S.A., Kim G.I., Rossokha O.A., Magamet V.P., Yasakova E.P., Porkhanov V.A. (Krasnodar, Russia) 10 min.  
**Root and arch reconstruction in patients with aortic dissection.**
5. Selivanenko V.T., Ivashkin B.V., Martakov M.A., Dudakov V.A. (Moscow, Russia) 10 min.  
**Comparative results of aortic valve replacement and valve-saving surgeries correcting various forms of the aortic valve dysplasia.**
6. Garmanov S.V., Bockeria L.A., Myronenko V.A., Makarenko V.N., Rychin S.V., Averina T.B., Kutz E.V., Umarov V.M. (Moscow, Russia) 10 min.  
**Application of antegrade cerebral perfusion during surgery of the ascending aorta and aortic arch**

7. Chernyavskiy A.M., Ljashenko M.M., Alsov S.A., Sirota D.A., Hwang D.S. (Novosibirsk, Russia) 10 min.  
**The choice of the optimal method of surgical intervention in patients with DeBakey type I acute aortic dissection.**
8. Fahraziev A.R., Shchelokov M.V., Davletbaeva A.I., Zubareva I.G., Gumerova L.R. (Ufa, Russia) 10 min.  
**Immediate results of surgical treatment for aneurysms of the ascending portion of the aorta and aortic arch.**

*Discussion*

**13.15-14.15  
Break**

**13.30-14.00**

**VIDEO SESSION - «HOW I DO IT...»  
(FSBE, «SRI of Circulation Pathology n.a. academician E. N. Meshalkin»  
Aorta and coronary arteries surgery Center, Novosibirsk)**

Chairman: A.M. Chernyavskiy (Novosibirsk)

1. **Clinical cases:**  
Chernyavskiy A.M., Sirota D.A., Alsov S.A., Hwang D.S., Ljashenko M.M.  
**Erosion of the spine in the thoracic aortic aneurysm.**
2. Chernyavskiy A.M., Sirota D.A., Alsov S.A., Hwang D.S., Ljashenko M.M.  
**Exoprosthesis of the ascending aorta.  
Aortic valve replacement by a bioprosthesis Biolab 24.**
3. Chernyavskiy A.M., Sirota D.A., Alsov S.A., Nesmachniy A.S., Ljashenko M.M.  
**Plastic surgery of aortic valve with a xenopericardial patch, using Maazouzi APS.**

**14.15-15.45**

**ROUND TABLE**

**«SYNTHETIC AND BIOLOGICAL MATERIALS  
FOR CARDIOVASCULAR SURGERY»**

Chairmen: D.V. Britikov (Moscow, Russia), S.P. Novikova (Moscow, Russia)

**Part 1. CLINICAL USE OF SYNTHETIC AND BIOLOGICAL MATERIALS  
FOR CARDIAC SURGERY**

1. Abdulgasanov R.A., Arakelyan V.S., Gamzaev N.R., Rakhimov A.A., Gazimagomedov Z.I. (Moscow, Russia) 10 min.  
**The results of 3620 operations using «BASECS» explants and patches in cardiovascular surgery.**
2. Astapov D.A., Demidov D.P., Semenova E.I., Sapegin A.V. (Novosibirsk, Russia) 10 min.  
**The results of the implantation "Biolab Mono" xenopericardial frameless prostheses.**
3. Kuznetsov A.N., Andreev D.B., Bondar V.Yu., Semchenko A.N., Yavniy V.Ya., Shchawa S.P., Vnukova T.B. (Khabarovsk, Russia) 10 min.  
**The experience of using Perceval S, the seamless self-locking biological valve systems, as an alternative to traditional aortic valve replacement.**
4. Stasev A.N., Odarenko Yu.N., Rutkovskaya N.V., Zhuravleva I.Yu., Barbarash L.S. (Kemerovo, Russia) 10 min.  
**Comparative characteristics of the immediate results of application xenoaortic and xenopericardial epoxy-coated bioprosthesis in the mitral position.**

5. Demidova O.A., Bockeria L.A., Ereemeeva M.V., Arakelyan V.S. (Moscow, Russia) 10 min.  
**Long-term results of CD133 + and VEGF165 in treating the patients with chronic lower limb ischemia.**

**Part 2. EXPERIMENTAL STUDIES  
OF CARDIOVASCULAR SURGERY**

1. Salohedinova R.R., Novikova S.P., Kostrov V.I., Shustrova O.V., Nikolashina L.N. 10 min.  
(Moscow, Russia)  
**Bioactive film-forming compositions based on natural polymers, structured in various ways.**
2. Gorodkov A.Yu., Bockeria L.A., Agafonov A.V., Kiknadze G.I., Krestinich I.M., Zhorzholiani Sh.T., Kuznetsov V.O., Minkina E.P. (Moscow, Russia) 10 min.  
**The test results of the new tricuspid prosthesis supporting the tornado-like blood flow in vitro and in vivo.**
3. Kryventsov A.V., Khubulava G.G., Alexandrov V.N., Kaljuzhnaja L.I., Firsanov D.V. (St. Petersburg, Russia) 10 min.  
**The experiment of preparing vascular graft with the method of deceleration.**
4. Kostava V.T., Bakuleva N.P., Zelivyanskaya M.V., Kondratenko Zh.E., Kim A.I., Mahachev O.M., Makarenko V.N. (Moscow, Russia) 10 min.  
**Prospects for the use of modern blood flow visualization techniques in the creation of three-dimensional printing of the individual implants for the correction of complex forms of CHD and AHD.**

**15.45-16.00  
Break**

**16.00-17.30**

**ROUND TABLE**

**«ORGAN PROTECTION AND MODERN GAS ANESTHETICS  
IN THE PRACTICE OF CARDIAC ANESTHESIOLOGIST»**

Chairmen: M.M. Rybka (Moscow), A.G. Yaworowskiy (Moscow)

1. Gorohovatsky Yu.I. (Moscow) 20 min.  
**Cardioprotection with beta-blockers in cardiac surgery.**
2. Lihvantsev V.V. (Moscow) 20 min.  
**Gas anesthetics in cardioanesthesiology.**
3. Klypa T.V. (Moscow) 20 min.  
**Desflurane – a new gas anesthetic in cardioanesthesiology.**
4. **Discussion**

**17.30-17.40  
Break**

**17.40**

**PLENARY SESSION (HALL «BAKOULEV» (№ 1)  
SUMMARY OF THE COMPETITION OF YOUNG RESEARCHERS' WORKS  
CLOSING CEREMONY OF THE 18<sup>TH</sup> ANNUAL SCIENTIFIC SESSION**

**TUESDAY, MAY 20, 2014**

**POSTERS**

**Hall № 9**

**13.15 – 14.15**

**«REOPERATION ON THE OBSTRUCTION  
OF PULMONARY BLOOD FLOW  
LONG AFTER THE CORRECTION OF CHD»**

Chairmen: M.A. Zelenikin (Moscow), M.R. Chiaureli (Moscow)

#93

Mahmuthodzhaev A.S., Lobachyova G.V., Hinchagov D.Ya. (Moscow, Russia)

**Types of hemodynamics and prediction of the postoperative period in patients after the Fontan operation.**

#154

Gorbachevski S.V., Mazhidov U.A., Gorchakova A.I., Mukimov F.H., Grenaderov M.A. (Moscow, Russia)

**Approach to the surgical treatment of the full form of AVC.**

#177

Sanakoev M.K., Bockeria L.A., Bockeria O.L., Sabirov B.N., Fatulaev Z.F., Rubtsov P.P., Alexandrova M.L. (Moscow, Russia)

**The results for the correction of tricuspid valve by creating neoseptal cusp in patients with Ebstein's anomaly.**

#265

Gorbachevski S.V., Rakhmonov K.H., Grenaderov M.A., Gorchakova A.I., Koltcov Yu.A., Magomatova L.R. (Moscow, Russia)

**First experience of blending systemic-pulmonary anastomosis (Potts anastomosis) in patients with high pulmonary hypertension.**

**«DIAGNOSIS AND TREATMENT  
FOR MULTI-ORGAN FAILURE AND SEPSIS»**

Chairmen: E.S. Nikitin (Moscow), M.V. Abramyan (Moscow)

#71

Krotenko N.P., Abramyan M.V., Nazarova E.I., Rogalskaya E.A., Yaroustovsky M.B. (Moscow, Russia)

**Modern approach to the treatment of severe sepsis using a combination of extracorporeal techniques in patients after cardiac surgery.**

#75

Iskenderov B.G., Cicina O.N., Budagovskaya Z.M. (Penza, Russia)

**Survival rate of patients undergoing coronary artery bypass grafting, depending on the severity of renal dysfunction.**

#150

Popov D.A., Nadochey E.A., Kutz E.V. (Moscow, Russia)

**The evaluation of the efficacy and safety of a new method of preoperative patient preparation using the lavage with a solution of macrogol.**

#151

Popov D.A., Ovseenko S.T., Vostrikova T.Yu. (Moscow, Russia)

**Application of matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF MS) for the direct identification of positive blood cultures.**

#164

Samuilova D.Sh., Lobachyova G.V., Samorodskaya I.V., Borovkova U.L. (Moscow, Russia)  
**Lactataemia after coronary bypass surgery: frequency, duration, dependence on concomitant biochemical signs of organ pathology.**

#370

Popov D.A., Vostrikova T.Yu. (Moscow, Russia)  
**Sensitivity of nosocomial strains of Staphylococcus aureus to ceftaroline in vitro.**

### **«HOW DO PERFUSION PROTOCOL AND METHOD OF MYOCARDIAL PROTECTION AFFECT THE POSTOPERATIVE PERIOD?»**

Chairmen: E.A. Андреева (Moscow), Д.А. Бомбин (Ростов-на-Дону)

#273

Семенова А.С., Агапов В.В., Прелатов В.А., Евстифеев И.В., Жуков А.В., Шигаев М.Ю. (Саратов, Russia)  
**Control capabilities to ensure the safety of perfusion using mathematical modeling techniques.**

#412

Зотов А.С., Андреев А.С., Староверов И.Н. (Ярославль, Иваново, Russia)  
**Influence of the method of cardioplegia on the results of coronary bypass surgery in the acute coronary syndrome.**

### **«ALTERNATIVES TO BLOOD TRANSFUSION»**

Chairman: S.L. Gordeev (Moscow)

#68

Кебрыakov A.V., Zhukov M.A., Kopyarova N.S., Ivanov M.A., Pihanova Sh.M., Shapovalov A.S. (St. Petersburg, Russia)  
Fluctuating blood pressure and changes in heart rate as a risk factor of complicated postoperative course.

#340

Abdulgasanov R.A., Arakelyan V.S., Rakhimov A.A., Gazimagomedov Z.I., Gidaspov N.A., Ivanov A.V., Sebastian S.A. (Moscow, Russia)  
Prevention of perioperative bleeding in vascular surgery.

#313

Rakhimov A.A., Zatevahina M.V., Skopin I.I., Lobachyova G.V., Hamidov A.S., Farzutdinov A.F., Siradze I.V., Abdulgasanov R.A. (Moscow, Russia)  
Anesthetic management for CABG in a patient who refused the transfusion on religious grounds.

#197

Guskov D.A., Tolstova I.A., Axelrod B.A. (Moscow, Russia)  
Dynamics of indicators of regional oxygenation during cardiac autologous blood exfusion from the patients.

### **«CONDITIONS AND METHODS OF SURGICAL MYOCARDIAL REVASCULARISATION»**

Chairmen: О.А. Коваленко (Moscow), Д.Е. Мусин (Moscow)

#126

Kozorin M.G., Kazanchan P.O., Sotnikov P.G., Larkov R.N. (Moscow, Russia)  
**Results of application the radial artery for coronary autoarterial revascularization in multivascular coronary artery disease.**

#171

Varlamov A.G., Djordjikia R.K., Sadykov A.R., Ageeva G.Sh., Gubaidullina A.F., Rybakov S.A., Hakimova R.R., Sadekov R.F. (Kazan, Russia)

**Comparative analysis of survival the aortocoronary bypass grafts after endoscopic and traditional methods of autovein isolation.**

#174

Kazarian A.V., Sigayev I.Yu., Starostin M.V., Morchadze B.D., Yarbekov R.R. (Moscow, Russia)  
**IHD Protection of the internal thoracic artery in primary coronary artery bypass grafting surgery.**

#203

Mansurov A.A., Akhmedov U.B., Murtazaev S.S., Khalikulov H.G., Sobirov F.K., Adilova I.G., Chernov D.A., Abdukhaliimov I.A. (Tashkent, Uzbekistan)  
**Myocardial revascularization in IHD with a decreased contractile ability of the left ventricle.**

#224

Artyukhina T.V., Serov R.A., Tretyakova N.A., Pomazanova E.A., Semenov M.H., Berishvili I.I. (Moscow, Russia)  
**Transmyocardial laser revascularization: data of the myocardium histological study infarction.**

#225

Gusev P.V., Hrykov S.S., Gavriushin S.S., Khvichia L.E., Vakhromeeva M.N., Kasayeva Z.T., Ignatieva Yu.V., Berishvili I.I. (Moscow, Russia)  
**Risk factors for the various TMLR surgeries.**

#269

Gatamova N.A., Bockeria L.A., Merzljakov V.Yu., Kluchnikov I.V., Sigayev I.Yu. Skopin A.I. Mamedova S.K., Babakulova N.A. (Moscow, Russia)  
**Prognostic significance of markers of systemic inflammatory response in the reconstructive operations on the LV under EC on a beating heart.**

#276

Selimian L.S., Samuilova D.Sh., Kluchnikov I.V., Abajian M.F., Melikulov A.A., Sigayev I.Yu., Merzljakov V.Yu., Bockeria L.A. (Moscow, Russia)  
**Perioperative dynamics of markers of myocardial damage after coronary bypass surgery on a beating heart under cardiopulmonary bypass.**

#297

Hamidov A.S. (Moscow, Russia)  
**Dynamics of blood lactate in patients with CAD at CABG combined with LVA.**

#306

Vishchipanov S.A., Bockeria L.A., Alshibaya M.M., Kovalenko O.A., Vishchipanov A.S. (Moscow, Russia)  
**Female gender as a risk factor of the coronary artery bypass grafting in patients with ischemic heart disease.**

#314

Cheishvili Z.M., Alshibaya M.M., Kovalenko O.A., Musin D.E., Orlov I.N., Nikiforova M.A., Amirbekov M.M. (Moscow, Russia)  
**The choice of the defect correction method in the post-infarction ventricular septal rupture.**

#323

Rustamov B.E., Bockeria L.A., Buziashvili Yu.I., Alshibaya M.M. (Moscow, Russia)  
**The results of treatment the CHD patients with postinfarction ventricular septal rupture.**

#339

Sobin S.V., Dyuzhikov A.A., Poniatovskiy I.M., Gapeeva E.V., Osminkina I.I. (Rostov-on-Don, Russia)  
**The evaluation of risk for cardiovascular complications after myocardial revascularization in patients with arterial hypertension and disorders of carbohydrate tolerance.**

#345

Nesmachniy A.S., Chernyavskiy A.M., Boboshko A.V., Podsosnikova T.N., Efendiev V.U., Ruzmatov T.M. (Novosibirsk, Russia)  
**Хирургическое лечение ИБС у пациентов с низкой фракцией выброса левого желудочка в условиях параллельного искусственного кровообращения.  
Surgical treatment of CAD in patients with low left ventricular ejection fraction at parallel CPB.**

#400



Donakanyan S.A., Bockeria L.A., Bockeria O.L., Biniashvili M.B., Ereemeeva M.V., Myronenko M.Yu., Gordeev S.L., Petrosyan A.D. (Moscow, Russia)

**Medium-long-term results of transmycardial laser revascularization with the introduction of autologous bone marrow stem cells in isolation and combination with coronary artery bypass grafting.**

#422

Zotov A.S., Andreev A.S., Polyakov M.N., Sidorov A.A. (Yaroslavl and Ivanovo, Russia)

**Comparison of clinical and functional characteristics of direct myocardial revascularization on "working" heart and cardiopulmonary bypass with cardioplegia in patients with acute coronary syndrome.**

### **Hall № 10**

**13.15 – 14.15**

#### **«MYOCARDIAL REVASCULARISATION IN PATIENTS WITH CAD AND MITRAL REGURGITATION OF GRADE 2: THE TREATMENT TACTICS CHOICE»**

Chairman: I.Yu. Sigayev (Moscow)

#54

Karamyshev M.S., Surkov V.A., Plechev V.V., Nagaev I.A., Kolyaskin A.A. (Ufa, Russia)

**The immediate results of combined surgical treatment for mitral valve and coronary arteries.**

#302

Glushach I.A., Prelatov V.A., Osintsev B.E., Zhukov A.V., Samitin V.V. (Saratov, Russia)

**Mitral valve replacement over non-ischemic lesions combined with coronary bypass: early results of the intervention.**

#### **«CARDIOLOGY AND VIZUALISATION IN CARDIAC SURGERY»**

Chairmen: T.V. Rogova (Moscow), M.L. Ermolenko (Moscow)

#360

Kovalev S.A., Bykov S.E., Grjaznov D.Yu., Gridina E.V., Corosan E.I., Simonova O.A. (Voronezh, Russia)

**Analysis of emergency cardiac care for children in the neonatal period.**

#388

Simogaeva E.B., Bockeria L.A., Berishvili D.O. (Moscow, Russia)

**Preoperative management of infants with hypoplastic left heart syndrome**

Chairmen: O.L. Barbarash (Kemerovo), I.V. Kluchnikov (Moscow)

#208

Rubtsov P., Fatullayev Z.F. (Moscow, Russia)

**A case of the right ventricular foreign body removal.**

#343

Abdulgasanov R.A., Arakelyan V.S., Gamzaev N.R., Ivanov A.V., Gazimagomedov Z.I., Davitashvili S.A., Umarova M.N., Sebastian S. (Moscow, Russia)

**Pheochromocytoma in patients with "hypertension".**

#358

Ahobekov A.A., Bockeria L.A., Bockeria O.L., Fatullayev Z.F. (Moscow, Russia)

**A case of successful diagnosis and surgical treatment of SBUG combined with mitral valve plasty in an adult patient.**

#442

Bockeria L.A., Bockeria O.L., Melikulov A.H., Ispiryan A.Yu. (Moscow, Russia)

**A case of successful surgical treatment of Wolff-Parkinson-White syndrome (WPWS) combined with atrial fibrillation in a pregnant woman.**

#445

Bockeria L.A., Bockeria O.L., Biniashvili M.B., Lukash T.S., Zhuginisov D.Sh., Petrosian A.D., Sivcev V.S., Kakiashvili R.Z. (Moscow, Russia)

**A clinical case of successful correction of congenital heart disease combined with the removal of the giant coelomic cyst of the right kidney.**

*Chairmen: O.L. Bockeria (Moscow), T.G. Nikitina (Moscow)*

#52

Ibragimov M.S. (Moscow, Russia)

**Quality of life assessment in patients after one- or many-staged operations on the coronary and carotid arteries.**

#69

Iskenderov B.G., Cicina O.N., Budagovskaya Z.M. (Penza, Russia)

**Immediate and long-term prognosis of coronary artery bypass grafting in patients with chronic kidney disease and its outcomes.**

#73

Kataeva K.B., Asymbekova E.U., Ahmedyarova N.K., Tugeeva E.F., Sherstyannikova O., Мбь Borbodoeva B.M., Matskeplishvili S.T. (Moscow, Russia)

**Comparative characteristics of diastolic function in women and men with coronary artery disease, scheduled for myocardial revascularization.**

#113

Shchebunyaeva E.A., Muratov R.M., Babenko S.I., Serov R.A., Soboleva N.N. (Moscow, Russia)

**Dysfunction of xenopericardial biological prostheses (echocardiography and morphological picture).**

#114

Pelekh D.M., Tsiskaridze I.M., Ghoulia K.S., Nezhdanova I.B., Nikitina T.G., Izosimova M.G., Plushch M.G., Bockeria L.A. (Moscow, Russia)

**LV mass regression in patients after surgical correction of aortic stenosis with implantation of bicuspid mechanical prostheses "MedEng-2» and «St.Jude Medical» and the evaluation of brain natriuretic peptide (long-term results).**

#115

Pelekh D.M., Tsiskaridze I.M., Nikitina T.G., Muratov R.M., Skopin I.I., Bockeria L.A. (Moscow, Russia)

**Long-term quality of life and clinical status of patients after correction of aortic stenosis with implantation of bicuspid mechanical prostheses "MedEng-2» and «St.Jude Medical».**

#137

Boqueria L.A., Malikov V.E., Arzumanyan M.A., Soukoyan G.V., Shuldeshova N.V., Yusifov A.S. (Moscow, Russia)

**Differences in the dynamics of enzyme activity of endothelial dysfunction in patients having stenocardia with and without metabolic syndrome**

#143

Ibragimov F.S., Berkinbaev S.F., Omarov A.A., Artykbaev Zh.T., Pavlova N.G., Kolesnikov A.E. (Almaty, Kazakhstan)

**Transcatheter septal ablation for the treatment of hypertrophic obstructive cardiomyopathy.**

#162

Suyumov A.S. (Tashkent, Uzbekistan)

**The diagnosis of lesions of the aortic arch branches in patients with nonspecific aortoarteritis.**

#163

Gazizova D.Sh., Bockeria L.A., Lishchuk V.A., Koloskova N.N., Makhmudova A.N., Sazykina L.V., Sobolev A.V. (Moscow, Russia)

**Significance of morphological and functional indicators for assessing the severity of DCM.**

#165

Chulaeva E.A. (Moscow, Russia)

**Evaluation of anatomical and morphometric parameters a.subscapularis using multispiral computed tomography.**

#180

Suyumov A.S. (Tashkent, Uzbekistan)

**Features of conservative therapy for the aortic arch branch lesions in patients with nonspecific aortoarteritis.**

#199

Makhmudova A.N., Bockeria L.A., Shatalov K.V., Bockeria O.L., Gordeev S.L., Sobolev A.V., Sazykina L.V., Danilov D.V. (Moscow, Russia)

**The effectiveness of levosimendan in patients with end-stage heart failure waiting for a heart transplant.**

#210

Averina I.I., Bockeria L.A., Bockeria O.L., Myronenko M.Yu., Kislicina O.N. (Moscow, Russia)

**Options of stress echocardiography and speckle tracking to assess myocardial reserve in patients with heart defects.**

#233

Rivnyak M.I., Mironenko V.A., Kutz E.V., Rychin S.V. (Moscow, Russia)

**Application EuroSCORE scale for assessing hospital mortality and complications in patients with aortic aneurysm.**

#256

Murzagaliev M.U., Bekbosynov S.T., Medresova A.T. (Astana, Kazakhstan)

**Our experience of implanting devices for mechanical circulatory support in patients with end-stage heart failure.**

#257

Pecherina T.B., Kashtalov V.V., Barbarash O.L. (Kemerovo, Russia)

**The correlation of growth factors and matrix metalloproteinases in patients with ST-segment elevation myocardial infarction.**

#258

Белов В.Н., Ковалев С.А., Чубирко Ю.М., Белова Е.А. (Воронеж, Russia)

**Prognostic value of preoperative quality of life in CHD patients requiring revascularization.**

#278

Koloskova N.N., Shatalov K.V., Bockeria L.A., Tetradke I.V. (Moscow, Russia)

**Peak oxygen consumption as a marker of the effectiveness of cardiac resynchronization therapy in patients with chronic heart failure.**

#280

Malenkov D.A., Bockeria L.A., Berseneva M.I., Tetvadze I.V., Polyakova N.A., Kosareva T.I., Kokshina A.V., Kutsurov D.D. (Moscow, Russia)

**The change in left ventricular diastolic function and heart failure after mitral valve replacement in patients with HCM.**

#295

Evdokimov D.O., Sumin A.N. (Kemerovo, Russia)

**Preventive role of myocardial revascularization in reducing the mortality risk in the late observational period at the operations on non-coronary arterial basins.**

#300

Karapetyan N.G., Bockeria L.A., Pursanov M.G. (Moscow, Russia)

**Rotational angiocardiology and 3 D modeling in the diagnosis and treatment of obstructive pulmonary disease.**

#320

Sharlaimov S.A. (Perm, Russia)

**Echocardiographic options for the evaluation of left ventricular systolic function in patients before and after myocardial revascularization and mitral annuloplasty.**

#346

Ibragimov M.S., Ambatiello S.G., Matskeplishvili S.T., Alpenidze V.A., Buziashvili Yu.I. (Moscow, Russia)  
**The correlation between the degree of vascular lesions of the carotid and coronary arteries.**

#403

Vereshchagina A.M., Golukhova E.Z., Kim A.I., Rogova T.V., Mashina T.V., Mrikaev D.V., Vojvodina V.M. (Moscow, Russia)  
**Early remodeling of the left ventricular (LV) in infants operated on the aortic coarctation.**

#406

Kudzoeva Z.F., Bockeria L.A., Bockeria O.L., Zubov E.A., Koasari A.K. (Moscow, Russia)  
**Genetic polymorphism of CYP2C19 and antiplatelet efficacy of clopidogrel in patients with high risk of atherothrombotic complications.**

*Chairmen: T.T. Kakuchaya (Moscow), V.E. Malikov (Moscow)*

#352

Ahobekov A.A., Bockeria L.A., Boqueria O.L., Kakiashvili R.Z. (Moscow, Russia)  
**Incidence and risk factors for atrial fibrillation in the early postoperative period after coronary artery bypass grafting in patients with no prior history of arrhythmias.**

#355

Ahobekov A.A., Bockeria L.A., Boqueria O.L. (Moscow, Russia)  
**The effect of statins for primary prevention of atrial fibrillation and length of hospital stay in patients undergoing coronary artery bypass grafting.**

#362

Kanametov T.N., Bockeria L.A., Boqueria O.L., Bazarsadaeva T.S. (Moscow, Russia)  
**The effect of antiarrhythmic therapy for atrial fibrillation recurrences in patients after the operation "Labrint III" in the early postoperative period.**

#382

Makhmudova A.N., Bockeria L.A., Revishvili A.Sh., Bockeria O.L., Shatalov K.V., Melikulov A.H., Filatov A.G. (Moscow, Russia)  
**Violations of cardiac rhythm and conduction after heart transplantation.**

#398

Kislicina O.N., Bockeria L.A., Bockeria O.L., Averin I.I., Myronenko M.Yu. (Moscow, Russia)  
**The results of using the optimization algorithm for cardiac resynchronizing devices.**

#399

Kislicina O.N., Bockeria L.A., Bockeria O.L., Melikulov A.H., Kudzoeva Z.F. (Moscow, Russia)  
**Создание алгоритма оптимизации бивентрикулярных кардиостимуляторов.  
Creating the optimization algorithm for biventricular pacemakers.**

#407

Kudzoeva Z.F., Bockeria O.L., Kanametov T.N. (Moscow, Russia)  
**Early detection of asymptomatic atrial fibrillation in an outpatient setting to reduce the risk of stroke.**

## «VASCULAR SURGERY»

Chairmen: V.S. Arakelyan (Moscow), Yu.I. Kazakov (Tver)

#16

Korotkih A.V., Hotchenkov M.V., Polyakov K.V., Bondar V.Yu. (Khabarovsk, Russia)  
**The experience of endovascular treatment for stenosis of the internal carotid artery at the Federal Center of Cardiovascular Surgery, Khabarovsk.**

#35

Kazakov Yu.I., Lukin I.B. (Tver, Russia)  
**The choice of revascularization method in patients with atherosclerotic occlusion in infrainguinal segment and critical ischemia.**

#36

Kazakov Yu.I., Lukin I.B. (Tver, Russia)

**The choice of infrainguinal arterial reconstruction in patients with critical limb ischemia: bypass surgery or angioplasty?**

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