MONDAY, NOVEMBER 24, 2014

POSTERS
12.40 – 14.00

HALL № 9

CONFERENCE
«THRILLING PROBLEMS OF DIAGNOSIS AND SURGERY OF BRACHIOCEPHALIC ARTERIES»

SURGICAL TREATMENT OF CHD

YOUNG RESEARCHERS’ WORKS

INFECTION IN CARDIOVASCULAR SURGERY

HALL № 10

SURGICAL TREATMENT OF AHD

EXTRACORPOREAL CIRCULATION AND CARDIOPLEGIA

+++++++++++++++++++++++++++++

Hall № 7

Master-classes on CT, MRT and USI
For cardiologists, cardiac surgeons and specialists in related professions

(the schedule – see the Program)
MONDAY, NOVEMBER 24, 2014

Hall «BAKOULEV» (№ 1)

9.00-9.30
OPENING CEREMONY

Chairperson: L.A. Bockeria (Moscow)

REPORT
of the President of the Association of cardiovascular surgeons of Russia,
the Chairman of Profile commission on cardiovascular surgery of
the Ministry of Healthcare of the RF
Academician L.A. Bockeria

«CARDIOVASCULAR SURGERY IN RUSSIA. 2013»

9.30-10.00
Lecture
Robert S. Groom (USA)
«Improving Quality in Cardiac Surgery- Use of a Registry to Realize Sustained Improvement»

10.00-10.30
Lecture
James Cox (USA)
«The Interventional Treatment of Atrial Fibrillation: Past, Present and Future »

10.30-11.00
Lecture
Robert C. Hagberg (USA)
«Successfully Lowering Anticoagulation Levels with a Mechanical Heart Valve: Current Results of the On-X PROACT Trial»

11.00-11.30
Delivery of Academician Alexander Bakoulev and Academician Vladimir Bourakovsky Awards

11.30-11.40
Break

11.40-12.40
SECTIONAL SESSION 1.6
SURGICAL TREATMENT OF ISCHEMIC HEART DISEASE

Chairmen: L.A. Bockeria (Moscow), M.M. Alshibaya (Moscow)

1. Lecture
David Taggart (United Kingdom)
“Assessment of Graft Quality”
   STEMI: optimal timing of CABG.
4. Discussion

12.40-14.00
Break

12.40 – 14.00
POSTERS (hall № 9 – 10)

SATELLITE SYMPOSIUM
«CARDIOLOGY AND VISUALIZATION IN CARDIAC SURGERY»
(KRKA Pharma, Slovenia)

Chairman: L.A. Bockeria (Moscow)

1. L.A. Bockeria
   Current status of cardiac surgery in Russia.
2. B.G. Alekyan
   Current status of endovascular management of patients with chronic IHD and multiple coronary arterial lesions.
3. Е.Z. Golukhova
   Particularities of therapy of patients with IHD and atrial fibrillation.
4. Zh. D. Kobalava
   Stability is better. How to prevent the complications in patients with IHD.

14.00-15.00
SECTIONAL SESSION 1.7

ROUND TABLE
«SURGICAL TREATMENT OF POSTINFARCTION VENTRICULAR SEPTAL RUPTURE: SURGICAL TACTICS AND TECHNIQUE»

Chairmen: A.M. Cherniavsky (Novosibirsk), M.M. Alshibaya (Moscow)

   Postinfarction ventricular septal defect: the options of surgical tactics and technique of reconstructive operations.
   Immediate results of surgical treatment of postinfarction ventricular septal defect combined with CABG.
3. Rosseykin E.V., Vachev S.A., Batrakov P.A., Bazylev V.V. (Penza, Russia)
   Differences in tactics and technique of surgical treatment patients with acute and chronic postinfarction ventricular septal defect.
4. Rosseykin E.V., Kobzev E.E., Bazylev V.V. (Penza, Russia)
   Results of surgical reconstruction of the left ventricle combined with the correction of ischemic mitral insufficiency.
5. Discussion
15.00-15.15
Break

15.15-16.15
SECTIONAL SESSION 1.8
SURGICAL TREATMENT OF ISCHEMIC HEART DISEASE

Chairmen: K.O. Barbukhhati (Krasnodar), S.G. Sukhanov (Perm)

1. **Kadyraliev B.K.**, Sukhanov S.G., Orekhova E.N., Arutunian V.B., Chraguian V.A., Marchenko A.V. (Perm, Russia)
   Results of coronary bypass grafting with freshly prepared saphenous venous allografts. 10 min.

   Feasibility of safe use of native IMA bifurcation in comparison with classical sequential mammarocoronary bypass grafting in cases of bilateral IMA use. 10 min.

3. **Chraguian V.A.**, Sukhanov S.G., Orekhova E.N., Marchenko A.V., Arutunian V.B., Kadyraliev B.K. (Perm, Russia)
   Evaluation of mitral valve condition during in-hospital stay and in the long term after left ventricular repair and coronary bypass grafting. 10 min.

   Late results of repeated direct surgical myocardial revascularization. 10 min.

5. Discussion

16.15-16.30
Break

16.30-17.30
SECTIONAL SESSION 1.9
SURGICAL TREATMENT OF ISCHEMIC HEART DISEASE

Chairmen: Yu.A. Shneider (Kaliningrad), I.Yu. Sigaev (Moscow)

   Influence of endoscopic isolation of the saphenous vein on conduit function and leg condition. 10 min.

2. **Kurasov N.O.**, Belov Yu.V., Komarov R.N., Kholod I.S. (Moscow, Russia)
   Endoscopic method of the saphenous vein isolation in coronary bypass grafting (Video-presentation). 10 min.

3. **Vechersky Yu.Yu.**, Zatolokin V.V., Shipulin V.M., Petlin K.A. (Tomsk, Russia)
   Optimization of endoscopic harvesting of the saphenous vein during coronary bypass grafting. 10 min.

4. **Boziev Z.N.**, Shevchenko Yu.L., Popov L.V. (Moscow, Russia)
   Results of direct myocardial revascularization using both internal mammary arteries. 10 min.

5. Discussion
MONDAY, NOVEMBER 24, 2014
Hall «BOURAKOVSKY» (№ 2)

13TH ALL-RUSSIAN CONFERENCE ON THE HISTORY OF NATIONAL SURGERY
WITH INTERNATIONAL ATTENDANCE

«HISTORY OF DEVELOPMENT OF SURGICAL HEART ANATOMY»

11.40-12.40
SECTIONAL SESSION 2.6

Chairmen: L.A. Bockeria (Moscow), S.A. Kabanova (Moscow)

1. Gliantsev S.P. (Moscow, Russia)
   Anatomy of the heart and its role from the antiquity to the Middle Ages. 10 min.

2. Chiaureli M.R. (Moscow, Russia)
   Heart anatomy in the modern age: the history of congenital defects’ description. 10 min.

3. Muratov R.M. (Moscow, Russia)
   Heart anatomy in the modern age: the history of acquired diseases’ description. 10 min.

4. Serov R.A. (Moscow, Russia)
   Embryogenesis of the heart. History of study. 10 min.

5. Discussion

12.40-14.00
Break

12.40 – 14.00
POSTERS (hall № 9 – 10)

14.00-15.00
SECTIONAL SESSION 2.7

Chairmen: G.E. Falkovsky (New York, USA), A.M. Karaskov (Novosibirsk)

1. Podzolkov V.P. (Moscow, Russia)
   History of univentricular correction of congenital heart diseases. 10 min.

2. Skopin I.I. (Moscow, Russia)
   History of surgical anatomy of the mitral valve. 10 min.

3. Dzemeshkevich S.L. (Moscow, Russia)
   History of surgical anatomy of the aortic valve. 10 min.

4. Bockeria L.A., Gliantsev S.P. (Moscow, Russia)
   History of writing of the manuals on surgical heart anatomy in the 2nd half of the 20th century. 10 min.

5. Discussion

15.00-15.15
Break

15.15-16.15
SECTIONAL SESSION 2.8

RARE CASES OF CSARDIOVASCULAR DISEASES,
UNUSUAL CARDIAC OPERATIONS

Chairmen: L.A. Bockeria (Moscow), O.M. Makhachev (Moscow)

1. Satsiuk O.V., Ivanov A.S., Lebedeva A.V., Abramova N.N. (Moscow, Russia)
   A rare case of combined congenital heart disease – three-atrium heart, ventricular septal defect and totally anomalous right pulmonary veins drainage into the right atrium. 10 min.


6. Discussion

16.15-16.30
Break

16.30-17.30
SECTIONAL SESSION 2.9
RARE CASES OF CSARDOVASCULAR DISEASES,
UNUSUAL CARDIAC OPERATIONS

Chairmen: Yu.V. Belov (Moscow), G.G. Khubulava (St. Petersburg)


2. Cherniavsky S.V., Belov Yu.V., Komarov R.N. (Moscow, Russia) Repair of the great vessels in patients with voluminous thoracic masses. 10 min.


4. Khubulava G.G., Gavrilot E.K., Peleshok A.S., Gostimsky V.A., Sizenko V.V. (St.Petersburg, Russia) A case of successful surgical treatment of the inferior caval vein thrombosis in a 16-year-old case at day 5 of postpartum period. 10 min.


6. Discussion
MONDAY, NOVEMBER 24, 2014

Hall «BOUKHARIN» (№ 3)

HEART RHYTHM DISTURBANCES

11.40-12.40
SECTIONAL SESSION 3.6
NEW TECHNOLOGIES IN DIAGNOSIS AND SURGICAL TREATMENT
OF HEART RHYTHM DISTURBANCES

Chairmen: A.Sh. Revishvili (Moscow), O.L. Bockeria (Moscow)

1. Eremeeva M.V., Ibraguimova A.G., Vaskovsky V.A., Sukhacheva T.V., Revishvili A.Sh. (Moscow, Russia) 10 min.
   Study of microRNA spectrum in atrial fibrillation. The search for therapeutic targets.
   Contrast-enhance MRT of the heart for the prediction of supraventricular tachycardia risk in patients with the history of myocardial infarction.
   Use of intracardiac EchoCG for surgical treatment of arrhythmia.
   Feasibility of epicardial and endocardial atrial mapping in patients with atrial fibrillation during-open-heart surgery.
   Clinical case of using a wireless epicardial pacemaker in a patient with persistent atrial fibrillation.
6. Discussion

12.40-14.00
Break

12.40 – 14.00
POSTERS (hall № 9 – 10)

14.00-15.00
SECTIONAL SESSION 3.7
THRILLING PROBLEMS OF HEART PACING
AND RESYNCHRONIZING THERAPY

Chairmen: S.A. Kovalev (Voronezh), D.S. Lebedev (St.Petersburg)

1. Protopopov V.V. (Perm, Russia) 10 min.
   20-year experience with permanent pacing in children.
2. Lebedev D.I., Krivolapov S.N., Savenkova G.M., Popov S.V. (Tomsk, Russia) 10 min.
   Influence of sinus rhythm recovery on the effectiveness of cardiosynchronizing therapy in patients with dilated cardiomyopathy, atrial fibrillation and complete artificial AV block.
   Experience with alternative transseptal implantation of a left ventricular electrode for resynchronizing therapy.
4. Lomidze N.N., Revishvili A.Sh., Magomedova S.M. (Moscow, Russia) 10 min.
   Remote monitoring of patients with implanted antiarrhythmic devices— results of a 8-year assessment.
5. Discussion
INTERVENTIONAL AND THORACOSCOPIC METHODS OF THE MANAGEMENT OF ATRIAL FIBRILLATION: INDICATIONS AND RESULTS

Chairmen: A.Kh. Melikulov (Moscow), A.V. Bogachev-Prokofiev (Novosibirsk)

   Radiofrequency denervation of the “dry” hear: clinical results, invasive and non-invasive assessment.

2. **Pidanov O.Yu., Gagaev A.V., Gagaeva I.V., Tsepenshikov V.A.** (Moscow, Russia)
   First experience with thoracoscopic MAZE procedure for the treatment of patients with isolated form of atrial fibrillation.

3. **Mamchur S.E., Khomenko E.A., Romanova M.P., Mamchur I.N., Bokhan N.S., Scherbiniba D.A.** (Kemerovo, Russia)
   Radiofrequency extended antral isolation of the pulmonary veins for the management of persistent atrial fibrillation.

   Thoracoscopic approach to the management of patients with atrial fibrillation.

5. **Vorobiev A.S., Bibikov V.N., Frolov D.N., Korolev S.V., Gueraschenko A.V., Sveshnikov A.V.** (Moscow, Russia)
   Perimital atrial flutter: possibilities of interventional management.

6. Discussion

SURGICAL TREATMENT OF ATRIAL FIBRILLATION IN PATIENTS WITH HEART DEFECTS AND IHD

Chairmen: V.V. Evtushenko (Tomsk), A.M. Cherniavsky (Novosibirsk)

   Long-term results of surgical treatment of atrial fibrillation using a cryomodification of MAZE procedure.

2. **Bely V.S., Kuznetsov D.V., Guevorguian A.A., Lias M.N., Poliakov A.V., Khokhlunov S.M., Poliakov V.P.** (Samara, Russia)
   15-year experience with the use of MAZE procedure for the treatment of patients with sustained atrial fibrillation combined with other surgical heart pathology in Samara regional clinical cardiology dispensary.

3. **Vechersky Yu.Yu., Zatolokin V.V., Shipulin V.M., Batalov R.E., Popov S.V.** (Tomsk, Russia)
   Combined approach in patients with ischemic heart disease.

   Long-term results of surgical treatment of atrial fibrillation combined with IHD.


6. Discussion
MONDAY, NOVEMBER 24, 2014

Hall «SPIRIDONOV» (№ 4)

11.40-12.40
SECTIONAL SESSION 4.6

SURGERY OF THE AORTIC ROOT AND THE ASCENDING AORTA

Chairmen: Yu.V. Belov (Moscow), K.O. Barbukhatti (Krasnodar)

   Surgical treatment of acute aortic dissections.
   7 min.
2. Belov Yu.V., Komarov R.N., Kapavaykin P.A., Cherniavsky S.V. (Moscow, Russia)
   A variant of combined operation in the acute stage of type 1 aortic dissection.
   7 min.
3. Chinov E.Yu., Mironenko V.A., Rychin S.V., Karamatov A.Sh., Chegrina L.V., Shundrov A.S. (Moscow, Russia)
   Surgical correction of aortic arch in acute type 1 aortic dissection.
   7 min.
   Radical surgical correction of DeBakey type 1 aortic dissection.
   7 min.
   Surgery of the ascending aorta and the aortic arch – 11-year single-center experience.
   7 min.
   Acute dissecting aneurysm of the ascending aorta and the aortic arch: surgical tactics and management.
   7 min.
7. Discussion
   15 min.

12.40-14.00
Break

12.40 – 14.00
POSTERS (hall № 9 – 10)

14.00-15.00
SECTIONAL SESSION 4.7

SURGERY OF THE AORTIC ROOT AND THE ASCENDING AORTA

Chairmen: M.L. Semenovsky (Moscow), V.A. Mironenko (Moscow)

1. Shundrov A.S., Mironenko V.A., Averina T.B., Chegrina L.Yu., Rychin S.V., Chinov E.Yu. (Moscow, Russia)
   Adaptive perfusion in aortic arch replacement.
   7 min.
2. Kozlov B.N., Panfilov D.S., Kuznetsov M.S., Ponomarenko I.V., Miroshnichenko A.G.,
   Gorokhov A.S., Nasrashvili G.G., Shipulin V.M. (Tomsk, Russia)
   Unilateral brain perfusion during “Hemiarch” type operations on the ascending aorta and the aortic arch.
   7 min.
3. Rosseykin E.V., Evdokimov M.E., Vachev S.A., Batrakov P.A., Karchevskaya K.V.,
   Guebgart T.V., Yurkin A.V., Bazylev V.V. (Penza, Russia)
   New method of brain protection during aortic arch surgery.
   7 min.
4. Aminov V.V., Kuznetsov P.V., Ignatov E.V., Kuvatov A.V., Tereschenko D.R., Davydov S.N. (Cheliabinsk, Russia)
   Antegrade perfusion as a method of brain protection during aortic arch surgery.
   7 min.
   Hybrid technique for the treatment of the aneurysms and the dissections of the thoracic aorta.
   7 min.
   Kochkina K.V. (Krasnoyarsk, Russia)
   Use of staged and hybrid technologies for surgical treatment of aortic pathology.
   7 min.
7. Discussion
   15 min.
15.00-15.15
Break

15.15-16.15
SECTIONAL SESSION 4.8

ROUND TABLE «THRILLING PROBLEMS OF RADIODIAGNOSIS OF CHD»

Chairmen: V.V. Plakhova (Moscow), G.P. Nartsissova (Novosibirsk)

1. Nartsissova G.P. (Novosibirsk, Russia)
   10 min.

2. Plakhova V.V. (Moscow, Russia)
   Difficulties of echocardiography during visualization of anatomical details of pulmonary arterial atresia.
   10 min.

3. Netalieva G.S., Plakhova V.V. (Moscow, Russia)
   Rare congenital anomalies of the pulmonary arteries: difficulties of echocardiographic diagnosis and limitation of the method.
   10 min.

4. Dontsova V.I., Plakhova V.V. (Moscow, Russia)
   Radiological methods of study for the diagnosis of congenital pulmonary venous anomalies: priority approaches for detailed anatomical assessment.
   10 min.

5. Baryshnikova I.Yu., Plakhova V.V. (Moscow, Russia)
   Role of echocardiography in the diagnosis of congenital coronary arterial anomalies.
   10 min.

6. Discussion

16.15-16.30
Break

16.30-17.30
SECTIONAL SESSION 4.9

RADIODIAGNOSIS OF CARDIOVASCULAR DISEASES

Chairmen: I.P. Aslanidi (Moscow), V.N. Makarenko (Moscow)

   Echocardiographic particularities of patients with ischemic mitral insufficiency.
   7 min.

2. Blinova E.N., Nikolaeva E.V., Kadykova A.V., Tarasov D.G. (Astrakhan, Russia)
   Computed tomography in differential diagnosis of the masses in cardiac cavities.
   7 min.

3. Yudin K.A., Agapov V.V., Kitavina S.I., Masina O.V., Prelatov V.A. (Saratov, Russia)
   Possibilities of multi-slice spiral computed tomography in the diagnosis of congenital aortic pathology.
   7 min.

4. Zakharova O.E., Plakhova V.V., Netalieva G.S. (Moscow, Russia)
   Radiological methods of study in the diagnosis of rare congenital anomalies of the aortic arch and brachiocephalic arteries in neonates and infants.
   7 min.

5. Chernova A.A., Aslanidi I.P., Shurupova I.V., Bereznitsky V.S., Derevianko E.P., Ekaeva I.V. (Moscow, Russia)
   First experience with the use of hybrid myocardial PET-CT in patients with multivessel coronary lesions.
   7 min.

   Role of contrast-enhanced cardiac MRT in the prediction of the character of IHD dynamics after surgical revascularization in patients with ischemic cardiomyopathy.
   7 min.

7. Discussion
PROBLEMS OF SCIENTIFIC ORGANIZATION IN CARDIOVASCULAR SURGERY

Chairmen: I.N. Stupakov (Moscow), L.S. Barbarash (Kemerovo)

1. Semenov V.Yu., Stupakov I.N. (Moscow, Russia)  
   Effectiveness of the use of a new medical and economical standard of coronary angiography in interventional cardiology and cardiac surgery.  
   10 min.

2. Bondar V.Yu., Netbay R.V., Serdiutskaya O.A., Onenko N.V. (Khabarovsky, Russia)  
   Delivery of high-technological medical care at the expense of the means of mandatory health insurance in Khabarovsky Federal center of cardiovascular surgery.  
   10 min.

   Is it possible to create an All-Russian registry of cardiac surgery?  
   10 min.

   Regional registry of congenital heart diseases (CHD as a method for the optimization of cardiovascular surgery on the territory of the Volgograd region. First experience with the use.  
   10 min.

   Dynamics and patterns of circulatory morbidity in the Voronezh region in 2009-2013.  
   10 min.

6. Discussion

12.40 – 14.00  
POSTERS (hall № 9 – 10)

14.00-15.00  
SECTIONAL SESSION 5.7  
PROBLEMS OF SCIENTIFIC ORGANIZATION IN CARDIOVASCULAR SURGERY

Chairmen: V.Yu. Semenov (Moscow), A.M. Karaskov (Novosibirsk)

1. Senina T.V. (Moscow, Russia)  
   Legal claims from the patients.  
   10 min.

2. Scherbakov D.V. (Omsk, Russia)  
   Perfection of regional management of high-technological medical care in cardiovascular surgery.  
   10 min.

3. Milievskaya E.B., Bockeria L.A., Krupianko S.M., Tamazian G.V., Osipova G.R. (Moscow, Russia)  
   Factors influencing the availability of cardiologic and rehabilitative aid for children with congenital heart diseases in the Moscow region.  
   10 min.

4. Pchelina I.V., Plias O.A., Pashkeeva N.G. (Khabarovsky, Russia)  
   Regional aspects of rehabilitation of patients after heart surgery.  
   10 min.

5. Shufov D.B., Astashkin A.F., Chernogrivov A.E., Bazylev V.V. (Penza, Russia)  
   Routing of patient’s documents in the delivery of high-technological medical care for cardiovascular diseases.  
   10 min.

6. Discussion

15.00-15.15  
Break
15.15-16.15
SECTIONAL SESSION 5.8

JOINT MEETING
of the profile commissions of the Ministry of Healthcare of the RF
on cardiovascular surgery and pediatric cardiology

Chairmen: L.A. Bockeria (Moscow), M.L. Ermolenko (Moscow)
MONDAY, NOVEMBER 24, 2014

POSTERS

HALL №9

12.40 – 14.00

CONFERENCE
«THRILLING PROBLEMS OF DIAGNOSIS AND SURGERY
OF BRACHIOCEPHALIC ARTERIES»

Chairmen: M.V. Shumilina (Moscow), N.A. Darvish (Moscow)

#43
Gavrilenko A.V., Kochetkov V.A., Kuklin A.V., Abramian A.V. (Moscow, Russia)
Choice of an optimal method for the repair of pathologically tortuous internal carotid artery.

#77
Gavrilenko A.V., Kuklin A.V., Kiseleva T.N. (Moscow, Russia)
Carotid endarterectomy in patients with carotid arterial stenosis and various types of ocular ischemic syndrome

#81
Loenko V.B., Sokoliansky V.A., Shestakov A.I., Korchakov D.A. (Magadan, Russia)
Possibilities of intravascular visualization for the assessment of the results of carotid arterial stenting.

#226
Karpenko A.A., Ignatenko P.V. (Novosibirsk, Russia)
Results of autoarterial reconstruction of CCA bifurcation during carotid endarterectomy.

#242
Gaysina E.A., Maksimov A.V., Plotnikov M.V. (Kazan, Russia)
Gender- and age-related particularities of the internal carotid arteries' pathology.

#600

#620
Maximova A.S., Bukhovets I.L., Plotnikov M.P., Kuznetsov M.S., Kozlov B.N., Usov V.Yu. (Tomsk, Russia)
Study of arterial and venous blood flow condition in patients with brachiocephalic arterial stenosis before and after carotid endarterectomy.

#639
Lovrikova M.A., Zhmerenetsky K.V. (Korsakov, Khabarovsk, Russia)
Dynamics of arterial inflow in patients with high degree of aortic arch branches' stenosis before and after carotid endarterectomy.

#642
Lovrikova M.A., Zhmerenetsky K.V. (Korsakov, Khabarovsk, Russia)
Evaluation of the dynamics of venous outflow in patients with severe atherosclerotic lesions of the brachiocephalic arteries.

#690
Erofeev A.A., Khubulava G.G., Kusay A.S., Sazonov A.B. (St.Petersburg, Russia)
Monitoring of the quality of carotid endarterectomy.

#703
Katkova V.O., Belov Yu.V., Katkov A.I. (Moscow, Russia)
Mathematical model of hemodynamic profile of the reconstruction area for selective patch use in classical carotid endarterectomy.

#705
Katкова V.O., Belov Yu.V., Katkov A.I. (Moscow, Russia)
Early postoperative results of carotid bifurcation repair after classical endarterectomy with selective patch use.

#707
Katкова V.O., Belov Yu.V., Katkov A.I. (Moscow, Russia)
Late restenosis after classical carotid endarterectomy with selective patch use.

#715
Minimally traumatic approach – the approach of choice in reconstructive operations on the carotid arterial bifurcation.

#870
Charchian E.R., Stepanenko A.B., Guens A.P. (Moscow, Russia)
Results of eversion carotid endarterectomy.

#964
Kuznetsov M.R., Fedin A.I., Beresten N.F., Kunitsyn N.V. (Moscow, Russia)
Disturbances of cerebral blood flow autoregulation and their correction in patients with atherosclerosis.

#976
Cherniavin M.P., Samokhin N.V., Puzyrev M.O., Kuzmin A.L., Terekhov A.N., Kalashnikova N.A. (Ivanovo, Russia)
New method for experimental prevention of postoperative aneurysms of the brachiocephalic arteries.

#981
Usov V.Yu., Bobrikova E.E., Maximova A.S., Kozlov B.N., Plotnikov M.P., Bukhovets I.L., Shipulin V.M. (Tomsk, Russia)
Contrast-enhanced high-definition MRT of the carotid arteries in prospective evaluation of vascularized unstable high-risk plaques.

SURGICAL TREATMENT OF CHD

Chairmen: A.S. Ivanov (Moscow), M.M. Zelenikin (Moscow)

#56
Minimally invasive ventricular septal defects closure in the settings of induced ventricular fibrillation.

#66
Levchenko E.G., Tumanian M.R., Chechneva V.V., Kotov S.A. (Moscow, Russia)
Results of aortic coarctation elimination in infants during the first year of life.

#101
Nasonova M.V., Kudriavtseva Yu.A. (Kemerovo, Russia)
Comparison of the velocity of dipiridamol release from bioresorbable membranes produced by different methods.

#140
Results of off-pump VSD closure.

#167
Kim A.I., Peniaeva E.V. (Moscow, Russia)
A case of Ebstein’s anomaly associated with pulmonary arterial atresia with intact ventricular septum.
Preoperative management of patients with functional single ventricle and obstructed systemic blood flow: does preoperative stability influence the outcome?

Prognostic value of pulmonary-arterial index and total neo-pulmonary arterial index in surgical correction of pulmonary arterial atresia with ventricular septal defect and large aorto-pulmonary collateral arteries.

Congenital funnel-shaped tracheal stenosis: a hidden mortal threat when associated with anomalous origin of the left pulmonary artery.

Long-term results of Fontan operation in extracardiac conduit modification.

Aortopathy in patients with bicuspid aortic valve. A genetically determined process or the influence of hemodynamic overload.

Palliative reconstruction of the right ventricular outflow tract in infants under 1 year of age with tetralogy of Fallot.

Warden procedure for the treatment of the anomalies of pulmonary venous return into the system of the superior vena cava.

Surgical method for hydropericardium prevention in children after heart surgery.

Experience with orthotopic implantation of pulmonary allograft in infants.


«Hybrid» method for the closure of muscular VSD.

Rare case of surgical correction of PAPVD combined with mitral and tricuspid valves repair and cryo MAZE procedure in a 48-years-old patient.

Totally endoscopic robot-assisted ASD closure in adults: the first experience in Russia.
Chernogrivov A.E., Takysheva O.N., Chernogrivov I.E., Rybakova T.V., Suleymanov Sh.F., Vostokova E.V., Bazylev V.V. (Penza, Russia)
Influence of genetic pathology on immediate and mid-term results of radical correction of complete AV canal.

**YOUNG RESEARCHERS’ WORKS**

Chairmen: T.R. Gruigoriants (Moscow), A.V. Sergueev (Moscow)

#177
Batyrova G. (Moscow, Russia)
Intravenous contrast-enhanced computed tomography in the diagnosis of double outlet right ventricle.

#210
Ivkina Yu.A. (Moscow, Russia)
Multi-slice spiral computed tomography in the diagnosis of partial anomalous pulmonary veins drainage in infants.

#462
Study of the influence of various components of intracellular matrix and regular fibroblast environment on PTFE adhesion of multipotent mesenchymal stromal cells.

#486
Popov G.I., Popriadukhin P.V. (St.Petersburg, Russia)
High porosity of synthetic vascular grafts as a base for the improvement of their performance properties.

#551
Sokolskaya M.A. (Moscow, Russia)
Complex approach to the examination of patients with IHD in the settings of a clinic for heart surgery.

#719
Gusnay M.V. (Rostov-on-Don, Russia)
Analysis of the results of LAD revascularization in patients with multifocal coronary lesions.

#795
Kapysov K.A. (Moscow, Russia)
SVC syndrome in pregnancy (a clinical case).

#937
Maximova A.S. (Tomsk, Russia)
Paramagnetic contrast-enhanced MRT as a method for the evaluation of atherosclerotic lesion and the risk of aortic wall dissection.

**INFECTION IN CARDIOVASCULAR SURGERY**

Chairman: S.T. Ovseenko (Moscow)

#93
Popov D.A., Anuchina N.M., Samoylova N.A., Krayuhina M.A. (Moscow, Russia)
In vitro antimicrobial activity of the agents of silver nanoparticles.

#271
Kozlov B.N., Nasrashvili G.G., Kuznetsov M.S., Panfilov D.S., Saushkin V.V., Sonduev E.L., Shipulin V.M. (Tomsk, Russia)
Analysis of the frequency of complications of cold plasma sternotomy in comparison with standard sternotomy.

#354
Karpenko I.G., Lishchuk A.N., Koltunov A.N., Salomov A.A., Esion G.A. (Moscow region, Krasnogorsk, Russia)
Sternal osteosynthesis using ZipFix system in patients after resternotomy.
Surgical treatment
Results
Ismaguilova
mitral valve repair after previous aortoconary bypass grafting through lateral sternotomy.

Advantages
Ishmuratova
Faskhutdinov
Optimization
Lutsenko
ventricle
Tactics
Murzagaliev
infective process
Results
Drobot
Bigashev
porous changes of the sternum.

HALL № 10
12.40 – 14.00
SURGICAL TREATMENT OF AHD

Chairmen: V.A. Mironenko (Moscow), R.M. Muratov (Moscow)

#22
Surkov V.A., Lukmanov M.Kh., Koliaskin A.A., Gazizov V.V., Davletbaeva A.I. (Ufa, Russia)
Long-term results after tricuspid valve replacement.

#97
Ismaguilova S.A., Skopin I.I. (Moscow, Russia)
Mitral valve repair after previous aortoconary bypass grafting through lateral sternotomy.

#98
Ismaguilova S.A., Skopin I.I., Sokolskaya N.O. (Moscow, Russia)
Results of aortic valve replacement in patients after aortoconary bypass grafting.

#173
Babenko S.I., Muratov R.M., Sorkomov M.N., Sachkov A.S., Titov D.A. (Moscow, Russia)
Surgical treatment of infective endocarditis in HIV-infected patients.

#221
Schebuniaeva E.A., Muratov R.M., Babenko S.I., Soboleva N.N. (Moscow, Russia)
Results of mitral valve re-placement for biological prosthesis dysfunction.

#227
Mitral-aortic replacement: the choice of prosthesis from the viewpoint of correspondence between the passage hole dimensions and the parameters of physical development of patients (a retrospective analysis).

Averina I.I., Bockeria L.A., Bockeria O.L., Mironenko M.Yu., Kisliutsyna O.N. (Moscow, Russia)
Myocardial reserve determination and its prognostic possibilities in patients with heart diseases using the data of stress-echocardiography and stress speckle tracking.

Combined surgical interventions on heart valve apparatus and coronary arteries in elderly patients.

Slivneva I.V., Skopin I.I., Sokolskaya N.O., Kakhtsian P.V. (Moscow, Russia)
Tactical approach to mitral insufficiency correction in surgical treatment of aortic insufficiency.

Karamyshev M.S., Surkov V.A., Plechev V.V. Koliaskin A.A. (Ufa, Russia)
Immediate results of surgical treatment of acquired heart diseases and coronary arteries in elderly patients.

Simultaneous correction of mitral insufficiency and funnel-shaped chest deformation.

Selivashenko V.T., Dudakov V.A., Martakov M.A., Vaschenko A.V. (Moscow, Russia)
Surgical treatment of infective endocarditis associated with ischemic heart disease.

Right-sided lateral mini-sternotomy in reconstructive mitral valve surgery.

Belash S.A., Sorokina A.A., Kipkeeva A.A., Barbukhadi K.O. (Krasnodar, Russia)
Correction of critical aortic stenosis in patients with severely decreased left ventricular ejection fraction.

Chen Ts., Tsiskaridze I.M., Skopin I.I., Pan Sh., Farulova I.Yu., Izosimova M.G., Bockeria L.A. (Moscow, Russia)
Comparative clinical and hemodynamic characteristics of modern bicuspid mechanical prostheses in aortic position: early postoperative period.

Surgical treatment of patients with valvular diseases and concomitant oncologic diseases of other organs and systems.

Abdulianov I.V., Djordjikia R.K., Vaguizov I.I., Mukharamov M.N. (Kazan, Russia)
Use of radiofrequency ablation for the treatment of atrial fibrillation during open-heart surgery.

Gordeychuk N.V., Kuts E.V., Mironenko V.A., Mironenko M.Yu. (Moscow, Russia)
Long-term results of the rapprochement of mitral valve’s papillary muscles using PTFE loop in patients with dilatation and decreased contractility of the left ventricle in the presence of ascending aortic aneurysms.

Rulakovskaya N.V., Stasev A.N., Khrichkova O.N., Odarenko Yu.N., Ponasenko A.V., Barbarash L.S. (Kemerovo, Russia)
Clinical and metabolic predictors of the calcification of xenogenic biological valvular prostheses.
#824
Bedin A.V., Odarenko Yu.N., Sizova I.N. (Kemerovo, Russia)
Ring implantation of suture repair of functional tricuspid valve insufficiency in the surgery for acquired heart diseases? Immediate and long-term results in the comparative aspect.

#858
Taratbcko N.N., Semenovsky M.L., Akopov G.A., Belokurov D.A., Poptsov V.N. (Moscow, Russia)
Experience with the use of ECMO system after heart valves replacement.

#901
Glushach I.A., Prelatov V.A., Agapov V.V., Evstifeev V.P., Korostova E.A., Osintsev B.E. (Saratov, Russia)
Influence of patient-prosthesis mismatch on the results of aortic valve replacement with a mechanical prosthesis in patients with aortic stenosis.

#936
Podpalov V.V., Sevrukevich V.I., Rubakhov K.O., Shket A.P., Kurganovich S.A., Deev A.D., Ostrovsky Yu.P. (Minsk, Belarus; Moscow, Russia)
Significance of echocardiographic parameters for the evaluation of 5-years mortality in patients with severe aortic stenosis.

#941
Experience with the use of upper partial sternotomy for aortic valve surgery.

#956
Particularities of mitral valve repair using chord loops in posterior cusp prolapse.

**EXTRACORPOREAL CIRCULATION AND CARDIOPLEGIA**

Chairmen: I.N. Chicherin (Kirov), I.T. Ponomarenko (Tomsk)

#659
Melnikov N.Yu., Pichugin V.V., Medvedev A.P., Bober V.M. (Nijny Novgorod, Russia)
Emergency and urgent heart operations with extracorporeal circulation in pregnancy: protection of the mother and the fetus.

#673
Evdokimov M.E., Rosseykin E.V., Golubtsova N.S., Karchevskaya K.V. (Penza, Russia)
Changing the method of primary filling of the heart-lung machine improves the indices of cerebral oximetry during perfusion.

№773
Rakhimullin I.M., Djordjikia R.K., Fatkullina L.S., Valiullin A.I., Mukminova R.M. (Kazan, Russia)
Use of concentrated platelets in patients undergoing heart surgery with extracorporeal circulation.

#804
Erstekis A.G. (Tashkent, Uzbekistan)
Meldonium use during extracorporeal circulation and early after surgery in patients with congenital heart diseases.