

**SUNDAY, NOVEMBER 23, 2014**

**POSTERS**

**13.30 – 14.30**

**HALL №9**

***SURGICAL TREATMENT OF  
CRITICAL HEART FAILURE***

***CARDIAC ANESTHESIOLOGY***

***INTENSIVE CARE***

***ENDOVASCULAR CARDIOVASCULAR SURGERY***

***CARDIOMYOPATHIES***

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**HALL №7**

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

**SUNDAY, NOVEMBER 23, 2014**Hall «**BAKOULEV**» (№1)***SURGICAL TREATMENT OF ACQUIRED HEART DISEASES*****10.00-11.00****SECTIONAL SESSION 1.1****THRILLING PROBLEMS OF SURGERY  
FOR VALVULAR PATHOLOGY**

Chairmen: R.M. Muratov (Moscow), S.I. Zheleznev (Novosibirsk)

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|----|---|---------|
| 1. | <u>Khubulava G.G.</u> , Shikhverdiev N.N., Peleshok A.S., Sizenko V.V., Krivopalov V.A. (St.Petersburg, Russia) | 10 min. |
|    | Emergency cardiac surgery – elaborating a concept.  |         |
| 2. | <u>Skopin I.I.</u> , Tsiskaridze I.M., Kakhtsian P.V., Vavilov A.V., Slivneva I.V. (Moscow, Russia)             | 10 min. |
|    | Immediate results of reconstructive surgery for ischemic mitral insufficiency.                                  |         |
| 3. | <u>Belokurov D.A.</u> , Semenovskiy M.L., Moysiuk Ya.G. (Moscow, Russia)  | 10 min. |
|    | Decreasing late mortality risk of after heart valves replacement in patients with chronic renal failure.        |         |
| 4. | <u>Aydamirov Ya.A.</u> , Ivanov V.A., Myo S.Kh., Evseev E.P. (Moscow, Russia)                                   | 10 min. |
|    | Ten-year experience with reoperations on the heart valves in adults.  |         |
| 5. | <u>Anguseva T.</u> , Mitrev Z., Stoicovski E., Idoski E. (Skopje, Macedonia)                                    | 10 min. |
|    | Intraoperative evaluation of valve function using 3D-EchoCG.  |         |
| 6. | Discussion  | 10 min. |

**11.00-11.15****Break****11.15-12.15****SECTIONAL SESSION 1.2****RECONSTRUCTIVE SURGERY OF THE MITRAL VALVE**

Chairmen: I.I. Skopin (Moscow), G.G. Khubulava (St.Petersburg)

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|----|---|---------|
| 1. | <u>Idov E.M.</u> , Khubulava G.G., Marchenko S.P., Kalnoy P.S. (Yekaterinburg, St.Petersburg, Russia)                                 | 10 min. |
|    | Results of the measurements of strength properties of mitral valve structures after surgical reconstruction.                          |         |
| 2. | <u>Belsky V.V.</u> , Muratov R.M., Sachkov A.S., Soboleva N.N. (Moscow, Russia)   | 10 min. |
|    | Comparative analysis of long-term results of posterior mitral cusp valvuloplasty using posteresection and bi-resection technique.     |         |
| 3. | <u>Mukhariamov M.N.</u> , Djordjikia R.K., Vaguizov I.I., Abdulianov I.V. (Kazan, Russia)   | 10 min. |
|    | Modified method of Alfieri mitral valve repair with neochordae implantation as a reserve method for degenerative disease repair.      |         |
| 4. | <u>Zheleznev S.I.</u> , Bogachev-Prokofiev A.V., Tuleutaev R.M., Afanasiev A.V., Karaskov A.M. (Novosibirsk, Russia)                  | 10 min. |
|    | Posterior mitral cusp prolapse: resection or chordae replacement (a randomized trial).  |         |
| 5. | <u>Danilov G.V.</u> , Skopin I.I., Tsiskaridze I.M., Farulova I.Yu., Dorofeev A.V., Djangveladze T.N., Bockeria L.A. (Moscow, Russia) | 10 min. |
|    | Correction of mitral cusps prolapse using multiple prosthetic chordae.  |         |
| 6. | Discussion  | 10 min. |

**12.15-12.30****Break**

**12.30-13.30**  
**SECTIONAL SESSION 1.3**

**PROBLEMS OF SURGERY FOR AORTIC VALVE DISEASES**

Chairmen: V.V. Sokolov (Moscow), V.A. Ivanov (Moscow)

1. **Lecture**  
**Oztekin Oto, Turkey**  
«Update in minimally invasive aortic valve replacement (novel techniques)» 20 min.
2. Rosseykin E.V., Vachev S.A., Karnakhin V.A., Bartosh F.L., Bazylev V.V. (Penza, Russia) 7 min.  
Predictors of late aorta-associated complications after aortic valve replacement.
3. Mitrev Z., Anguseva T., Stoicovski E., Hristov N., Idoski E., Matvejczuk A. (Skopje, Macedonia; Krasnogorsk,) 7 min.  
Reconstructive surgery for aortic valve stenosis.
4. Shneider Yu.A., Antipov G.N., Isayan M.V., Mikheev A.A., Sozinova E.S. (Kaliningrad, Russia) 7 min.  
Regression of left ventricular hypertrophy in elderly and old patients with aortic disease after small prostheses implantation.
5. Nemchenko E.V., Bazylev V.V., Karnakhin V.A., Bayazetov R.K. (Penza, Russia) 7 min.  
Aortic root enlargement using Nicks-Nunez technique in patients with the correction of two and more heart valves.
6. Molchanov A.N., Idov E.M., Chernyshov S.D., Kardapoltsev L.V. (Yekaterinburg, Russia) 7 min.  
TAVI – an innovative technique for the treatment of critical aortic stenosis in elderly patients.
7. Discussion 5 min.

**13.30-14.30**

**Break**

**13.30 – 14.30**

**POSTERS (hall № 9)**

**14.30-15.30**

**ROUND TABLE**

**«BIOLOGICAL PROSTHESES IN CARDIOVASCULAR SURGERY.  
TWENTY YEARS OF BIOLOGICAL PROSTHESES OF BIOLAB SERIES»**

Chairmen: L.S. Barbarash (Kemerovo), R.M. Muratov (Moscow)

1. Muratov R.M. (Moscow, Russia) 10 min.  
Prospects of mitral valve replacement with biological prostheses.
2. Kostava V.T. (Moscow, Russia) 10 min.  
Prospects of creating new biological prostheses.
3. Yurlov I.A. (Moscow, Russia) 10 min.  
Use of biological materials for the reconstruction of the right ventricular outflow tract.
4. Darvish N.A. (Moscow, Russia) 10 min.  
Comparative evaluation of mitral endarterectomy depending of the type of repair.
5. **Discussion** 20 min.

**15.30-15.45**

**Break**

**15.45-16.45**

**SECTIONAL SESSION 1.5**

Chairmen: M.L. Semenovskiy (Moscow), V.T. Kostava (Moscow)

1. Bakouleva N.P., Anuchina N.M., Galliamov M.O., Zalepuguin D.Yu., Kostava V.T., Liutova I.G., Popov D.A., Chashchin I.S. (Moscow, Russia) 10 min.

- Nanostructured coatings of biological prostheses with chitosan derivatives – a way for increasing biological compatibility and longevity.
2. Sabirov B.N., Bockeria L.A., Podzolkov V.P., Kokshenev I.V., Kostava V.T., Samsonov V.B., Astrakhantseva T.O. (Moscow, Russia) 10 min.  
Use of biological prostheses in Ebstein's anomaly.
  3. Dragan O.G., Muratov R.M., Babenko S.I., Soboleva N.N., Bockeria L.A. (Moscow, Russia) 10 min.  
Evaluation of the long-term outcome of tricuspid valve replacement with biological prostheses in severe relative insufficiency.
  4. Stasev A.N., Odarenko Yu.N., Kokorin S.G., Barbarash L.S. (Kemerovo, Russia) 10 min.  
Results of the use of xenopericardial "UniLine" bioprostheses in aortic position.
  5. Spiridonov S.V., Shket A.P., Shumovets V.V., Andruschuk V.V., Schetinko N.N., Odintsov V.V., Komarovskiy A.A., Ostrovskiy Yu.P. (Minsk, Belarus ) 10 min.  
Technology of production and results of use of cryopreserved allografts in the Republic of Belarus.
  6. ***Discussion of bioprostheses use in cardiovascular surgery*** 10 min.

**SUNDAY, NOVEMBER 23, 2014**

**Hall «BOURAKOVSKY» (№ 2)**

***EXTRACORPOREAL CIRCULATION AND CARDIOPLEGIA***

**10.00-11.00**

**SECTIONAL SESSION 2.1**

Chairmen: R.K. Djordjikia (Kazan), T.B. Averina (Moscow)

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|----|---|---------|
| 1. | <u>Evdokimov M.E.</u> , Rosseykin E.V., Bazylev V.V., Guebgart T.V., Karchevskaya K.V. (Penza, Russia)<br>Strategy of personal regional perfusion (PRP) and double oxygenator system in aortic arch reconstruction. A new technique. Our first experience.                          | 10 min. |
| 2. | <u>Guslisty D.S.</u> , Skopin I.I., Averina T.B. (Moscow, Russia)<br>Protocol of perfusion support of the aortic arch surgery with separate perfusion and subclavian-femoral switch.  | 10 min. |
| 3. | <u>Semenova A.S.</u> , Agapov V.V., Prelatov V.A., Evstifeev I.V., Zhukov V.A., Shigaev M.Yu. (Saratov, Russia)<br>Evaluation of the effectiveness of non-invasive tissue oximetry in the control of hypoxic conditions during extracorporeal circulation.                          | 10 min. |
| 4. | <u>Kabanov V.O.</u> , Kurapeev D.I., Galagudza M.M., Grebennik V.K., Shesurina T.A., Dorofeykov V.V. (St.Petersburg, Russia)<br>Dynamics of cardiospecific markers' level and central hemodynamics' parameters in patients undergoing CABG with ischemic preconditioning induction. | 10 min. |
| 5. | <u>Yagafarov I.R.</u> , Tenin E.V., Sibagatullin N.G., Zakirov I.R., Faskhutdinov N.G., <u>Yagafarova L.F.</u> , Ishmuratova Z.Sh., Bikchantaev A.A. (Almetievsk, Russia)<br>Cardioplegia optimization during the operations with extracorporeal circulation.                       | 10 min. |
| 6. | Discussion  | 10 min. |

**11.00-11.15**

**Break**

**11.15-15.30**

***ROUND TABLE***

**«PRINCIPLES OF DEVELOPMENT OF CLINICAL PERFUSION PROTOCOLS»**

(Section of ACVS of Russia «Extracorporeal circulation»)  
(supported by Terumo Company)

Chairmen: T.B. Averina (Moscow), V.I. Sadykov (Krasnodar)

- |    |   |                       |
|----|---|-----------------------|
| 1. | <b>Lectures:</b><br>Robert Groom (Portland, USA)<br>Standards and Guidelines for Cardiopulmonary Bypass - Foundation for Safe and Effective Perfusion.<br><b>Discussion</b> | 40 min.<br><br>5 min. |
| 2. | David Fitzgerald (USA)<br>Building the Foundation for a Sustained Culture of Safety.<br><b>Discussion</b>   | 40 min.<br><br>5 min. |

**12.45-13.45**

**Break**

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|----|--|---------|
| 3. | David Fitzgerald (USA)<br>The Role of the Perfusionist in a Cardiac Surgical Blood Management Program. | 40 min. |
|----|--|---------|

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|----|--|---------|
|    | <b>Discussion</b>  | 5 min.  |
| 4. | Robert Groom (Portland, USA)<br>Updates of perfusion technologies. | 40 min. |
|    | <b>Discussion</b>  | 5 min.  |

**15.30-15.45**

**Break**

**13.30 – 14.30**

**POSTERS (hall № 9)**

**15.45-16.45**

**ROUND TABLE**

**«AORTIC ARCH PATHOLOGY – ISOLATED AND ASSOCIATED WITH CHD: SURGICAL CORRECTION, PERFUSION, POSTOPERATIVE CARE»**  
(Section of ACVS of Russia «Neonatal cardiac surgery»)

Chairmen: A.I. Kim (Moscow), D.O. Berishvili (Moscow), E.V. Krivoschekov (Tomsk)

Participants: Averina T.V. (Moscow)

Belov V.A. (Kaliningrad)  
Boriskov M.V. (Krasnodar)  
Gladyshev I.V. (Cheliabinsk)  
Gorbatikov K.V. (Tiumen)  
Gorbatykh Yu.N. (Novosibirsk)  
Grekhov E.V. (St.Petersburg)  
Grigoriants T.R. (Moscow)  
Dujikov A.A. (Rostov-on-Don)  
Ilyin A.S. (Krasnoyarsk)  
Metlin S.N. (Moscow)  
Miroliubov L.M. (Kazan)  
Movsesian R.R. (St.Petersburg)  
Mumladze K.V. (Moscow)  
Nosachev A.M. (Saratov)  
Omelchenko A.Yu. (Novosibirsk)  
Plotnikov M.V. (Astrakhan)  
Riabtsev D.V. (Cheliabinsk)  
Rybka M.M. (Moscow)  
Svobodov A.A. (Moscow)  
Sinelnikov Yu.S. (Perm)  
Khinchagov D.Ya. (Moscow)  
Chernogrivov A.E. (Penza)  
Chikhranov A.A. (St.Petersburg)  
Shorokhov S.E. (Samara)

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|----|---|---------|
| 1. | Karchevskaya K.V. (Penza), Guinko V.V. (Tomsk)<br>Perfusion support of the operation for congenital heart diseases associated with obstructive aortic arch pathology. | 20 min. |
| 2. | <b>Discussion</b>   | 10 min. |
| 3. | Omelchenko A.Yu. (Novosibirsk), Ilyin A.S. (Krasnoyarsk)<br>Nomenclature of congenital heart diseases.  | 20 min. |
| 4. | <b>Discussion</b>   | 10 min. |

**SUNDAY, NOVEMBER 23, 2014**

**Hall «BOUKHARIN» (№ 3)**

**CONFERENCE**

**«THRILLING PROBLEMS OF DIAGNOSIS AND SURGERY OF THE BRACHIOCEPHALIC ARTERIES»**

**10.00-11.00**

**SECTIONAL SESSION 3.1**

**SURGICAL RECONSTRUCTION**

Chairmen: A.V. Pokrovsky (Moscow), A.V. Gavrilenko (Moscow),  
V.S. Arakelian (Moscow), N.A. Darvish (Moscow)

1. Bogdanovich I.O., Antonov G.I., Mitroshin G.E., Lazarev V.A., Miklashevich E.R., Melnichuk S.V., Gladyshev S.Yu., Shumakov I.I. (Krasnogorsk, Russia) 7 min.  
Feasibility of extra-anatomicbypass of major head arteries and brain vessels.
2. Gavrilenko A.V., Abramian A.V., Khripkov A.S., Kuklin A.V. (Moscow, Russia) 7 min.  
Choice of the method of surgical treatment of pathological tortuosity of the internal carotid artery associated with stenosis.
3. Kungurtsev E.V., Mikhaylov I.P., Goldina I.M., Kudriashova N.E., Arustamian V.A. (Moscow, Russia) 7 min.  
Experience with surgical treatment of patients with occlusions and contralateral stenosis of the carotid arteries.
4. Kuvatov A.V., Fokin A.A. (Cheliabinsk, Russia) 7 min.  
Role of patch material used for the repair of arteriotomy defect in the evaluation of the results of classical carotid endarterectomy.
5. Rybakov K.N., Belov Yu.V., Vinogradov O.A., Stonoguin A.V., Lysenko A.V. (Moscow, Russia) 7 min.  
Simultaneous bilateral carotid endarterectomy – is it safe?
6. Nadvikov A.I., Fokin A.A., Vladimirsky V.V., Gasnikov A.V., Rudakova I.Yu. (Cheliabinsk, Russia) 7 min.  
Immediate and late results of simultaneous interventions for multiple atherosclerotic lesions of the aortic arch branches - comparison of our own and world experience.
7. Ozolinh A.A., Darvish N.A., Eseneev M.F., Mollaev E.B., Gvetadze I.A., Valieva R.R. (Moscow, Russia) 7 min.  
Results of surgical treatment for combined atherosclerotic stenosis and pathological tortuosity of the internal carotid artery.

**11.00-11.15**

**Break**

**11.15-12.15**

**SECTIONAL SESSION 3.2**

**ENDOVASCULAR MANAGEMENT**

Chairmen: B.G. Alekyan (Moscow), P.O Kazanchian (Moscow), N.A. Chigoguidze (Moscow)

1. Gavrilenko A.V., Ivanov V.A., Al-Yusef N.N., Kuklin A.V. (Moscow, Russia) 7 min.  
Long-term results of the operation of carotid-subclavian bypass and subclavian artery recanalization with stenting in patients with occluded first segment of the subclavian artery.
2. Malevanny M.V., Khripun A.V., Kulikovskikh Ya.V., Fomenko E.P. (Rostov-on-Don, Russia) 7 min.  
Six-year experience with the stenting of brachiocephalic arteries in the Regional vascular center.
3. Shevchenko Yu.L., Bolomatov N.V., Batrashov V.A., Viller A.G., Matusov A.V., Kuznetsov A.N. (Moscow, Russia) 7 min.  
Statistical predictors of the complications of stenting of the aortic arch branches.
4. Staroverov I.N., Volkov E.A., Grachev S.A., Schepin M.A., Lonchakova O.M., Cherviyakov Yu.V. (Yaroslavl, Russia) 7 min.

Surgical treatment of vertebrobasilar insufficiency caused by the lesion of the first segment of the vertebral artery.

5. Sukhorukov V.V., Vachev A.N., Dmitriev O.V., Stepanov M.Yu., Golovin E.A. (Samara, Russia) 7 min.  
Intracranial stenting in atherosclerotic cerebral vascular lesions.
6. Discussion

**12.15-12.30**

**Break**

**12.30-13.30**

### **SECTIONAL SESSION 3.3**

#### **CHOICE OF THE TACTICS OF TREATMENT**

Chairmen: A.N. Vachev (Samara), A.A. Fokin (Cheliabinsk), M.V. Shumilina (Moscow)

1. Darvish N.A., Skopin I.I., Sigaev I.Yu., Alshibaya M.M., Merzliakov V.Yu., Gvetadze I.A., Valieva R.R. (Moscow, Russia) 7 min.  
Tactics of surgical treatment of occlusive- stenotic lesions of the carotid and coronary pools.
2. Erofeev A.A., Khubulava G.G. (St.Petersburg, Russia) 7 min.  
On the question of determination of indications for surgery in carotid arterial stenosis.
3. Karpenko A.A., Kamenskaya O.V., Kujuguet R.A., Ignatenko P.V., Shilova A.N. (Novosibirsk, Russia) 7 min.  
Dynamics of brain damage markers at various stages of carotid endarterectomy.
4. Shamshilin A., Lemenev V.L., Mikhaylov I.P., Goldina I.M., Kungurtsev E.V., Siluanova A.S. (Moscow, Russia) 7 min.  
Evaluation of the condition of carotid arterial bifurcation and the results of carotid endarterectomy at various time limits after the operation.
5. Shumilina M.V. (Moscow, Russia) 7 min.  
Types of bifurcations of the common carotid arteries.
6. Shumilina M.V., Darvish N.A., Mollaev E.B., Eseneev M.F. (Moscow, Russia)  
Method for the determination of indications for the internal carotid artery repair in tandem-stenoses.
7. Discussion

**13.30-14.30**

**Break**

**13.30 – 14.30**

### **POSTERS (hall № 9)**

**14.30-15.30**

### **SECTIONAL SESSION 3.4**

#### **REPAIRS FOR CEREBRAL BLOOD FLOW DISTURBANCES**

Chairmen: E.I. Gusev (Moscow), A.V. Pokrovsky (Moscow), Yu.I. Kazakov (Tver)

1. Khatagova D.T., Pyshkina L.I., Darvish N.A., Tsagaeva A.K., Kabanov A.A. (Moscow, Russia) 7 min.  
Carotid endarterectomy as a method for ischemic stroke prevention.
2. Kazakov Yu.I., Ivanova O.V. (Tver, Russia) 7 min.  
Quality of life and effectiveness of reconstructive surgery in patients with pathological tortuosity of the internal carotid arteries (PT ICA).
3. Akhmetov V.V., Dudanov I.P., Alexeev M.A., Salimov K.A., Ermakov D.S., Iofik V.V., Alexceeva G.S., Kim E.V. (Moscow, Russia) 7 min.  
Surgical treatment of patients with ischemic stroke with the thrombosis of the pathological tortuosity of the internal carotid artery internal carotid artery.
4. Shatravka A.V., Sokurenko G.Yu., Suvorov S.A., Loguinov I.A., Rizahanova M.R., Yuzvinkevich S.A. (St.Petersburg, Russia) 7 min.  
Reasonability and effectiveness of reconstructive operations on the carotid arteries during



- the acute stage of the ischemic stroke.
5. Ridel V.Yu., Mikhaylov M.S., Kirillov V.I., Novojilov A.V., Eidlin E.G., Solovov D.V., Zelionkina N.Yu. (Samara, Russia) 7 min.  
Operations for thrombotic occlusion of the internal carotid artery during the acute stage of the ischemic stroke.
  6. Staroverov I.N., Volkov E.A., Grachev S.A., Schepin M.A., Lonchakova O.M., Cherviakov Yu.V. (Yaroslavl, Russia) 7 min.  
Advantages of intraoperative cerebral oximetry in carotid surgery.
  7. Discussion

**SUNDAY, NOVEMBER 23, 2014****Hall «SPIRIDONOV» (№ 4)*****SURGICAL TREATMENT OF CONGENITAL HEART DISEASES*****10.00-11.00****SECTIONAL SESSION 4.1**

Chairmen: K.V. Shatalov (Moscow), Yu.N. Gorbatykh (Novosibirsk)

1. Bockeria L.A., Shatalov K.V., Makhalin M.V., Arnautova I.V., Chupina M.A., Zagray A.V., Gusarova Yu.V., Zotov D.V. (Moscow, Russia) 10 min.  
First experience with «arterial switch» operation for TGA correction in children over 1 year of life.
2. Lukianov A.A., Omelchenko A.Yu., Gorbatykh Yu.N., Naberukhin Yu.L., Khapaev T.S., Gorbatykh A.V. (Novosibirsk, Russia) 10 min.  
Long-term outcome of Ross operation in pediatric patients.
3. Kovalev S.A., Salamakhin A.B., Pochatkov V.A., Korosan E.I., Bykov S.E., Rogozina E.V., Griaznov D.Yu., Boronina I.V. (Voronezh, Russia) 10 min.  
Analysis of cardiocirculatory care for critically ill neonates.
4. Lukashkin A.G., Romashkin V.V., Urbantseva I.A., Danilenko A.A., Eremina I.A., Zakharov A.V., Kamenev P.V., Filatov I.N. (Surgut, Russia) 10 min.  
Algorithm of diagnosis and intensive care of neonates with critical heart diseases.
5. Khokhlunov M.S., Shorokhov S.E., Kozeva I.G., Sharafutdinova Yu.Sh., Blagochinova E.M., Goschin M.V., Khokhlunov S.M. (Samara, Russia) 10 min.  
Results of hemodynamic correction of hypoplastic left heart syndrome.
6. Discussion

**11.00-11.15****Break****11.15-12.15****SECTIONAL SESSION 4.2*****SURGICAL TREATMENT OF CONGENITAL HEART DISEASES***

Chairmen: A.I. Kim (Moscow), R.R. Movsesian (S.-Petersburg)

1. Makhachev O.A., Bockeria L.A., Gordeeva M.V., Panova M.S., Khiriev T.Kh., Portovaya B.Yu. (Moscow, Russia) 10 min.  
Heart geometry in discordant ventriculoarterial connections (transposition of the great arteries).
2. Linnik Yu.I., Bashkevich A.V., Chesnov Yu.M., Dedovich V.V., Turchinova I.G., Korolkova E.V., Evgrafova L.V., Drozdovsky K.V. (Minsk, Belarus) 10 min.  
Early and late results of arterial switch in neonates and infants.
3. Antsyguin N.V., Movsesian R.R., Liubomudrov V.G., Shikhranov A.A., Chizhikov G.M., Tsytko A.L., Yamgurov D.R. (St.Petersburg, Russia; El Kuwait, Kuwait) 10 min.  
Differentiated approach to the correction of aortic arch obstruction and associated VSD in infants.
4. Boriskov M.V., Petshakovskiy P.Yu., Karakhalis N.B., Efimochkin G.A., Vanin O.A., Kokhtacheva O.V. (Krasnodar, Russia) 10 min.  
Results of surgical treatment of neonates with aortic arch obstruction.
5. Ilyinov V.N., Guinko V.E., Anikin D.Yu., Ivlev A.Yu., Krivoschekob E.V. (Tomsk, Russia) 10 min.  
State of metabolism in the lower half of the body during the aortic arch reconstruction under selective brain perfusion and moderate hypothermia in children.
6. Discussion

**12.15-12.30****Break**

**12.30-13.30**

**ROUND TABLE**

**«THE MOST COMPLEX PROBLEMS OF SURGICAL TREATMENT OF CONGENITAL HEART DISEASES USING THE METHOD OF HEMODYNAMIC CORRECTION»**

Chairmen: V.P. Podzolkov (Moscow), E.V. Krivoschekov (Tomsk)

1. Krivoschekov E.V., Yanulevich O.S., Ershova N.V., Sviazov E.A., Podoxenov A.Yu. (Tomsk, Russia) 10 min.  
Results of the operation of total cavapulmonary connection using an extracardiac fenestrated conduit.
2. Zelenikin M.M., Podzolkov V.P., Yurlov I.A., Kovalev D.V., Astrakhantseva T.O., Ismailbaev A.M. (Moscow, Russia) 10 min.  
Influence of additional pulmonary blood flow source in bidirectional CPA on the results of hemodynamic correction of complex CHD.
3. Gorbatykh Yu.N., Nichay N.R., Gorbatykh A.V., Prokhorova D.A. (Novosibirsk, Russia) 10 min.  
Dynamics of atrioventricular insufficiency at various stages of hemodynamic correction.
4. Kupriashov A.A., Guschin D.K., Zelenikin M.A. (Moscow, Russia) 10 min.  
Thromboses after hemodynamic correction of congenital heart diseases.
5. Discussion

**13.30-14.30**

**Break**

**13.30 – 14.30**

**POSTERS (hall № 9)**

**14.30-15.30**

**SECTIONAL SESSION 4.4**

***THRILLING PROBLEMS OF PEDIATRIC CARDIOLOGY***

Chairmen: M.R. Tumanian (Moscow), E.D. Bespalova (Moscow)

1. Anderson A.G., Tumanian M.R., Lavchenko E.G., Kotova A.N., Chechneva V.V. (Moscow, Russia) 10 min.  
Structure of the pathology in primary cardiologic examination of neonates with suspected CHD during the first week of life.
2. Nartsissova G.P. (Novosibirsk, Russia) 10 min.  
Coronary arterial anomalies and their clinical significance in children.
3. Lyskina G.A., Bockeria O.L., Satiukova A.S., Shirinskaya O.G., Leontieva A.A., Gagarina N.V. (Moscow, Russia) 10 min.  
Coronary arterial lesions in children with Kazasaki syndrome in Moscow (data of 10-years survey).
4. Marzoeva O.V., Bartagova M.N., Bespalova E.D., Gasanova R.M. (Moscow, Russia) 10 min.  
Changes of intrafetal hemodynamics in fetuses with CHD with obstructive lesions of the great arteries.
5. Discussion

**15.30-15.45**

**Break**

**15.45-16.45**

**SECTIONAL SESSION 4.5**

**POSTOPERATIVE REHABILITATION OF CHILDREN WITH CONGENITAL HEART DISEASES**

Chairmen: S.M. Krupianko (Moscow), E.A. Degtiareva (Moscow)

1. Krupianko S.M., Milievsckaya E.B. (Moscow, Russia) 10 min.  
Organization models of rehabilitation of children with CHD in the RF.
2. Zubov L.A. (Archangelsk, Russia) 10 min.  
Approaches to the determination of incapacity in children with congenital heart diseases.
3. Yakhiaev Ya.B., Filatov A.G., Tarashvili E.G., Sabirov Sh.N. (Moscow, Russia) 10 min.  
Cardiac pacing in patients under 18 years of age: 10-year experience.
4. Kiseleva M.G., Bockeria L.A., Krupianko S.M. (Moscow, Russia) 10 min.  
Principles of psychological rehabilitation of children with congenital heart diseases and their families.
5. Discussion

**SUNDAY, NOVEMBER 23, 2014****Hall «RABOTNIKOV» (№ 5)*****YOUNG RESEARCHERS' WORKS (Competition)*****10.00-11.00****SECTIONAL SESSION 5.1****THRILLING PROBLEMS OF CARDIOLOGY**

Chairmen: T.T. Kakuchaya (Moscow), S.T. Matskeplishvili (Moscow)

- |    |   |         |
|----|---|---------|
| 1. | <u>Bondarenko P.B.</u> (St.Petersburg, Russia)  | 10 min. |
|    | Is the timely diagnosis of peripheral arterial disease in women feasible?   |         |
| 2. | <u>Kebriakov A.V.</u> (St.Petersburg, Russia)   | 10 min. |
|    | Differences in hemodynamic deviations in men and women after reconstructive interventions for multifocal atherosclerosis.       |         |
| 3. | <u>Nazarov A.A.</u> (Moscow, Russia)  | 10 min. |
|    | Algorithm of glycaemia control in patients with insulin-dependent type 2 diabetes mellitus during CABG and early after surgery. |         |
| 4. | <u>Pikhanova Zh.M.</u> (St.Petersburg, Russia)  | 10 min. |
|    | Particularities of the course of peripheral arterial disease in women of different age groups.                                  |         |
| 5. | <u>Chichkov Yu.M.</u> (Astrakhan, Russia)   | 10 min. |
|    | New aspects of clinical and immunological prediction of arrhythmia in myocardial infarction.                                    |         |
| 6. | Discussion  |         |

**11.00-11.15****Break****11.15-12.15****SECTIONAL SESSION 5.2****THRILLING PROBLEMS OF SURGERY FOR ACQUIRED HEART DISEASES**

Chairmen: V.A. Mironenko (Moscow), G.A. Shamsiev (Moscow)

- |    |  |         |
|----|--|---------|
| 1. | <u>Shek D.L.</u> (Moscow, Russia)  | 10 min. |
|    | Long-term results of valve-preserving operations in ascending aortic aneurysm with aortic regurgitation.                         |         |
| 2. | <u>Danilov G.V.</u> (Moscow, Russia)   | 10 min. |
|    | Current approach to the correction of extended prolapse of the posterior mitral cusp.  |         |
| 3. | <u>Afanasiev A.V.</u> (Novosibirsk, Russia)  | 10 min. |
|    | Immediate results of surgical treatment of marked asymptomatic mitral insufficiency in connective tissue dysplasia.              |         |
| 4. | <u>Amiragov R.I.</u> (Moscow, Russia)  | 10 min. |
|    | Experimental basement of tricuspid cusps modeling with pericardium.  |         |
| 5. | <u>Sergueev A.V.</u> (Moscow, Russia)  | 10 min. |
|    | Radiofrequency ablation of postoperative atrial tachyarrhythmia in adults after the operations under extracorporeal circulation. |         |
| 6. | Discussion   |         |

**12.15-12.30****Break****12.30-13.30****SECTIONAL SESSION 5.3*****INFECTION IN CARDIOVASCULAR SURGERY***

Chairmen: D.A. Popov (Moscow), T.Yu. Vostrikova (Moscow)

1. Sotnikov A.V., Elmadji R.V., Yakovlev D.A., Shneider Yu.A. (St.Petersburg, Kaliningrad, Russia) 10 min.  
Method for the prevention of deep sternal infection in cardiac surgery.
2. Bayandin N.L., Glushenko I.A. (Moscow, Russia) 10 min.  
Surgical treatment of acute infective endocarditis of the heart valves.
3. Vaykin V.E., Medvedev A.P., Blagodatkina N.L., Nemirova S.V., Pichuguin V.V., Riazanov M.V., Demarin O.I., Kotin D.B. (Nijny Novgorod , Russia) 10 min.  
Electrode-associated infective endocarditis of the tricuspid valve.
4. Travin N.O., Shevchenko Yu.L., Ablitsov Yu.A., Ablitsov A.Yu., Gudymovich V.G. (Moscow, Russia) 10 min.  
Surgical treatment for cardiac and pericardial echinococcosis.
5. Discussion

**13.30-14.30**  
**Break**

**13.30 – 14.30**  
**POSTERS (hall № 9)**

**14.30-15.30**  
**SECTIONAL SESSION 5.4**

INFECTION IN CARDIOVASCULAR SURGERY

Chairmen: N.I. Gabrielian (Moscow), D.A. Popov (Moscow)

1. Romanova N.I., Gabrielian N.I. (Moscow, Russia) 10 min.  
Actual causative agents in the environment of the clinic of cardiac surgery and transplantation.
2. Popov D.A., Anuchina N.M., Nadtochey E.A., Vostrikova T.Yu. (Moscow, Russia) 10 min.  
In vitro activity of polyvalent bacteriophage in regard of causative agents of nosocomial infections.
3. Popov D.A., Ovseenko S.T., Vostrikova T.Yu. (Moscow, Russia) 10 min.  
Express-identification of causative agents of bacteriemia using MALDI-TOF method – the mass- spectrometry.
4. Popov D.A., Anuchina N.M. (Moscow, Russia) 10 min.  
Study of microbiological effectiveness of the method of apparatus surface and air disinfection by the way of nebulization of bland aerosol of hydrogen peroxide in the workrooms.
5. Discussion

**SUNDAY, NOVEMBER 23, 2014**

**Hall № 10**

**MASTER-CLASS (simulation)  
(«Ethicon» Johnson&Johnson LLC)**

**EDUCATIVE COURSE «MITRAL VALVE REPAIR LAB»**

**10.00 – 10.30**

***Welcome address***

E. Khorujenko (Moscow, Russia)

Goals and tasks of a laboratory practicals on the skills of reconstructive mitral valve surgery

**10.30 – 12.10**

**1<sup>st</sup> technique– RING IMPLANTATION**

***Moderator: Dr. Patirick Perrier (France)***

- Theory
- Round-table discussion – questions and answers
- Demonstration of ring implantation using the Verberkmoes simulator of mitral valve repair
- Practical training

**12.10 – 12.30  
Break**

**12.30 – 14.10**

**2<sup>nd</sup> technique – TRIANGULAR RESECTION + RING IMPLANTATION**

***Moderator: Dr. Patirick Perrier (France)***

- Theory
- Demonstration of triangular resection + ring implantation using the Verberkmoes simulator of mitral valve repair
- Practical training

**14.10-14.30  
CERTIFICATES**

**SUNDAY, NOVEMBER 23, 2014****POSTERS****HALL№ 9****13.30 – 14.30*****SURGICAL TREATMENT OF  
CRITICAL HEART FAILURE***

Chairmen: M.V. Makhalin (Moscow), N.N. Koloskova (Moscow)

#86

Skidan V.I. (Khabarovsk, Russia)

Evaluation of right ventricular function using 2DE and 3DE EchoCG methods in patients with intracardiac devices and acute decompensated heart failure.

#161

Molchanov A.N., Idov E.M., Shakhmaeva N.B. (Yekaterinburg, Russia)

Use of EuroSCORE II and BNP scales for the evaluation of the risk of postoperative complications in patients with heart failure.

#488

Spirina E.A., Poptsov V.N., Minina M.G., Pchelnikov V.V. (Moscow, Russia)

Use of peripheral venoarterial extracorporeal membrane oxygenation for heart donor conditioning.

#516

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

Quality of life of patients in the long-term after heart transplantation.

#668

Gotie S.V., Chestukhin V.V., Saitgareev R.Sh., Zakharevich V.M., Poptsov V.N., Kormer A.Ya., Khaliulin T.A., Mironkov B.L. (Moscow, Russia)

Donor-associated coronary arterial atherosclerosis of the graft.

#669

Gotie S.V., Saitgareev R.Sh., Poptsov V.N., Zakharevich V.M., Kormer A.Ya., Akopov G.A., Khaliulin T.A., Golts A.M. (Moscow, Russia)

ABO-incompatible heart transplantation– a reserve possibility in an urgent situation.

#885

Rosseykin E.V., Durmanov S.S., Kobzev E.E., Vachev S.A., Bazylev V.V. (Penza, Russia)

Prevention of sudden arrhythmogenic death after surgical remodeling of the left ventricle in patients with extremely low ejection fraction.

#953

Shumovets V.V., Shestakova L.G., Krachak D.I., Bushkevich M.I., Andruschuk V.V., Rubakhov K.O., Valentiukevich A.V., Ostrovsky Yu.P. (Minsk, Belarus)

Tactics of treatment of patients with terminal heart failure: from ordinary surgery to heart transplantation.

#970

Murzagaliev M.U., Bekbosynov S.T., Pia Yu.V, Bekbosynova M.S., Andosova S.A., Djetybaeva S.A. (Astana, Kazakhstan)

First experience with heart transplantation in the Republic of Kazakhstan.

***CARDIAC ANESTHESIOLOGY***

Chairmen: K.E. Diasamidze (Moscow), D.Ya. Khinchagov (Moscow)



#47

Kraynik V.M., Kozlov S.P., Deshko Yu.V., Gavrilenko A.V., Kuklin A.V. (Moscow, Russia)  
Hemodynamic stability in general and combined anesthesia during carotid surgery.

#200

Pichuguin V.V., Melnikov N.Yu., Sandalkin E.V., Bober V.M., Medvedev A.P., Chiguinev V.A., Zhurko S.A. (Nijny Novgorod, Russia)  
Combined methods of anesthesiological-perfusion patient protection during the operations with extracorporeal circulation.

#457

Rakhimov A.A., Fazrutdinov A.F., Diasamidze K.E., Zatevakhina M.V. (Moscow, Russia)  
Mechanisms for the optimization of perioperative hemodynamics using high thoracic epidural anesthesia (HTEA) in cardiac surgery.

#574

Drogomeretsky A.A., Piatko V.E., Bondar V.Yu., Kiselev A.G., Brekhova S.A., Kuzmin R.S. (Khabarovsk, Russia)  
Technique of sevofluran delivery into the oxygenator contour during extracorporeal circulation in surgical correction of congenital heart diseases.

#599

Gorokhov A.S., Kozlov B.N., Miroshnichenko A.G., Kamenschikov N.O., Panfilov D.S., Kuznetsov M.S., Nasrashvili G.G., Shipulin V.M. (Tomsk, Russia)  
Use of high thoracic epidural anesthesia during reconstructive aortic arch surgery in the settings of antegrade brain perfusion.

#679

Semenova A.S., Evstifeev I.V., Agapov V.V., Prelatov V.A., Zhukov A.V., Shigaev M.Yu. (Saratov, Russia)  
Complex monitoring using non-invasive tissue oximetry during anesthesia.

#752

Stepanicheva O.A., Rybka M.M., Khinchagov D.Ya., Diasamidze K.E. (Moscow, Russia)  
Use of sevofluran as a cardioprotector in children during the operations with extracorporeal circulation.

### **INTENSIVE CARE**

Chairmen: S.L. Gordeev (Moscow), K.V. Mumladze (Moscow)

#201

Isakova E.N., Kalinicheva Yu.B., Shvetsova E.A., Zayntdinova E.K., Gornostaev A.A., Chernogrivov A.E., Bazylev V.V., Pichuguin V.V. (Penza, Nijny Novgorod, Russia)  
The spectrum and the predictors of early heart rhythm and conduction disturbances in children after arterial switch operation.

#330

Tonkonogov D.A., Tremaskina O.V., Lavrinenko E.S., Gladkikh M.V., Kozina M.V., Kalashnikova Yu.S., Maguilevets A.I., Shneider Yu.A. (Kaliningrad, Russia)  
B-type natriuretic peptide (BNP) as a criterion for the evaluation of the effectiveness of preoperative preparation of patients with IHD with low left ventricular ejection fraction.

#452

Kriuchkov D.V. (Kemerovo, Russia)  
Influence of the method of treatment on the survival in myocardial infarction complicated by cardiogenic shock.

#684

Silantiev A.V., Shukevich D.L., Plotnikov G.P., Runtsov M.S. (Kemerovo, Russia)  
Reperfusion and sepsis: general criteria of systemic inflammation.

#730

Sizenko V.V., Tsygan N.V., Peleshok A.S., Odinak M.M., Kusay A.S., Sizenko V.V., Opolchenov D.P., Krivopalov V.A. (St.Petersburg, Russia)

Delayed cognitive disturbances after the operations for acquired heart diseases.

#749

Salimov K.A., Bodykhov M.K., Stakhovskaya L.V., Alexeev M.A. (Moscow, Russia)

The indices of systemic hemodynamics influencing death frequency in patients during the acute stage of stroke in the carotid arterial pool.

### **ENDOVASCULAR CARDIOVASCULAR SURGERY**

Chairmen: A.A. Dujikov (Rostov-on-Don), B.G. Alekyan (Moscow)

#87

Baryshnikov A.A., Fokin A.A., Vladimirsky V.V., Zhabreev A.V., Kochneva V.D., Chernousov V.V. (Cheliabinsk, Russia)

Immediate and early results of aortic endovascular stent-grafting.

#108

Frantsevich A.M., Tsygankov V.N., Varava A.B. (Moscow, Russia)

Endovascular methods of management of patients with visceral arterial aneurysms.

#224

Sidorov A.A., Tsygankov V.N. (Moscow, Russia)

Use of transradial approach for the stenting of proximal segments of the aortic arch.

#243

Drozdov S.A., Babunashvili A.M., Bylov K.V., Kartashev D.S. (Moscow, Russia)

Hybrid and repeated interventions on the lower limb arteries.

#244

Drozdov S.A., Babunashvili A.M., Bylov K.V., Kartashev D.S. (Moscow, Russia)

Retrograde recanalization of occluded tibial arteries.

#246

Bylov K.V., Babunashvili A.M., Drozdov S.A., Kartashev D.S. (Moscow, Russia)

Possibilities of endovascular treatment of patients with multifocal atherosclerosis.

#258

Korenevich A.Yu., Bazarnova A.A., Babunashvili A.M. (Moscow, Russia)

First clinical experience with aortic CoreValve implantation in patients with critical aortic stenosis.

#261

Kharlamov I.S., Plekhanov V.G., Zoltoev D.A., Sviatova N.D., Objerina S.V. (Ivanovo, Russia)

Experience with endovascular correction of acquired heart defects in Ivanovo regional clinical hospital.

#286

Ganiukov V.I., Popov V.A., Tarasov R.S., Torgunakov S.A., Kocherguin N.A., Barbarash O.L., Barbarash L.S. (Kemerovo, Russia)

Hospital results of the treatment of patients with non-ST elevation acute coronary syndrome and multivessel coronary disease.

#289

Karapetian N.G., Bockeria L.A., Alekyan B.G., Pursanov M.G. (Moscow, Russia)

Rotational angiocardiology and 3D modeling for the diagnosis and the treatment of obstructive pulmonary arterial pathology.

#293

Shumakov I.V., Chebotar E.V., Medvedev A.P., Zagaynov V.E., Atduev V.A., Fedun A.M. (Nijny Novgorod, Russia)

First experience with endovascular treatment of patients with IHD and oncopathology

#316

Smirnov V.L., Ivanov V.A., Ivanov A.V., Zharikov S.B., Bazanov I.S., Poliakov I.I. (Krasnogorsk, Russia)  
Experience with endovascular treatment of aortic arch branches in patients with multiple atherosclerotic vascular lesions.

#385

Demin V.V., Murzaykina M.M., Demin D.V., Demin A.V., Dolgov S.A., Zherdev A.A., Vinogradova O.V., Zakharov S.A. (Orenburg, Russia)  
Experience with routine use of bioactive titanium oxinitride-coated stent Titan2 for the management of acute coronary syndrome

#395

Shugushev Z.Kh., Maksimkin D.A., Chepurnoy A.G. (Moscow, Russia)  
3-year results of the stenting of bifurcation stenosis of the left main coronary artery: IVUS data.

#435

Dombrovsky M.M., Bockeria L.A., Alekyan B.G., Nikitina T.G., Petrosian K.V. (Moscow, Russia)  
Analysis of immediate results of endovascular management of IHD in patients with oncopathology.

#436

Dombrovsky M.M., Bockeria L.A., Alekyan B.G., Nikitina T.G., Petrosian K.V. (Moscow, Russia)  
Quality of life and mid-term results in patients with IHD and oncopathology after endovascular treatment.

#557

Koledinsky A.G., Zagorulko A.I., Varfalomeev S.I., Istrin D.V., Sidelnikov A.V. (Moscow, Russia)  
Experience with the use of bioresorbable scaffolds Absorb (Abbott) in clinical practice of the city hospital № 79.

#566

Grigorian A.M., Alekyan B.G., Podzolkov V.P., Pursanov M.G., Sobolev A.V., Zelenikin M.A., Shatalov K.V., Gorbachevsky S.V. (Moscow, Russia)  
Occluders in the treatment of congenital ventricular septal defects.

#569

Osmanov O.A., Alekyan B.G., Pursanov M.G., Makhachev O.A., Dadabaev G.M., Podzolkov V.P. (Moscow, Russia)  
Endovascular interventions for the restriction of right ventricular – pulmonary arterial conduits.

#570

Dadabaev G.M., Alekyan B.G., Podzolkov V.P., Pursanov M.G., Zelenikin M.M., Yurlov I.A., Putiato N.A. (Moscow, Russia)  
Endovascular methods of arterial hypoxemia management in patients after hemodynamic correction.

#850

Sidorenko A.V., Protopopov A.V., Kochkina T.A., Fedchenko Ya.O., Kochkina K.V., Malyshkin D.A., Briukhovets S.M., Rudykh K.A. (Krasnoyarsk, Russia)  
Effectiveness of various strategies of myocardial revascularization in patients with acute coronary syndrome in the aspect of preliminary thrombus aspiration use (based on clinical experience of Krasnoyarsk Regional Clinical hospital).

#854

Lutsenko V.A., Kirdiashov A.N., Sergueev V.N., Putintsev A.M. (Kemerovo, Russia)  
Experience with the treatment of myomatous uterine masses using endovascular technologies.

#876

Sladkov A.V., Glukhov E.A., Kuzmin A.A., Strubalin A.V., Samitin V.V. (Saratov, Russia)  
Endovascular closure of postinfarction ventricular septal rupture with simultaneous stenting of the LDA (a clinical case).

#938

Khvichia I.M., Zhorzholiani T.Sh., Chigoguidze N.A., Gorodkov A.Yu. (Moscow, Russia)  
Creation of an experimental pig model of mitral insufficiency.

## **CARDIOMYOPATHY**

Chairmen: M.I. Berseneva (Moscow), D.A. Malenkov (Moscow)

#28

Abralov Kh.K., Mirsaidov M.M., Alimov A.B., Murotov U.A. (Tashkent, Uzbekistan)

Comparative characteristics of radiological methods for the diagnosis of hypertrophic obstructive cardiomyopathy .

#228

Kuznetsov D.V., Bely V.S., Kislukhin T.V., Guevorguian A.A., Suslina E.A., Karpushkina E.M., Khokhlunov S.M., Poliakov V.P. (Samara, Russia)

Surgical treatment of patients with hypertrophic cardiomyopathy – the choice of the method of correction.

#517

Koloskova N.N., Berseneva M.I., Tetvadze I.V., Shatalov K.V., Malenkov D.A. (Moscow, Russia)

Particularities of long-term care and pharmacotherapy of patients with dilated cardiomyopathy.

#629

Enin E.A., Abzaliev K.B., Aldeshev A.A., Khalimnazarova R.T., Yakubova I.A., Rakishev B.A. (Almaty, Kazakhstan)

Myocardial morphology in patients with dilated cardiomyopathy.

#867

Bogachev-Prokofiev A.V., Zheleznev S.I., Fomenko M.S., Tuleutaev R.M., Pivkin A.N., Demidov D.P., Sharifullin R.M., Karaskov A.M. (Novosibirsk, Russia)

Particularities of interventions on subvalvular structures of the mitral valve in patients with hypertrophic obstructive cardiomyopathy.

#950

Odintsov V.O., Shket A.P., Komissarova S.M., Andruschuk V.V., Spiridonov S.V., Schetinko N.N., Ostrovsky Yu.P. (Minsk, Belarus)

Immediate and mid-term results of surgical treatment of hypertrophic obstructive cardiomyopathy.

#975

Malenkov D.A., Bockeria L.A., Berseneva M.I., Koloskova N.N., Kutsurov D.D. (Moscow, Russia)

Quality of life of a patient after surgical correction of HOCM with extreme ventricular septal hypertrophy (a clinical case).