

September 17, 2016 (Saturday)

Large concert hall

9.00-14.00 Lectures by foreign invitees

Chairpersons: *Bunyatyan A.A. (Moscow), Kirov M.Yu. (Arkhangelsk), Moroz V.V. (Moscow)*

1. Strategies for reducing mortality rates in surgical interventions. The impact of cardioprotection with phosphocreatine on survival. *Giovanni Landoni (Italy)*
2. Updating the guidelines for procedural sedation. *Jannicke Mellin-Olsen (Norway)*
3. Detection and treatment of acute trauma, bleeding and coagulopathy: update 2016. *Marc Maegele (Germany)*
4. Burnout syndrome in anesthesiology research – the results of a study. *Miodrag Milenovic (Serbia)*
5. The use of NSAIDs in the treatment of pain. New. *Dmitry Arbuck (USA)*
6. Oxygen delivery (DO₂): an oversimplified concept? *Azriel Perel (Israel)*
7. Anesthesia for intracranial neurosurgical interventions. *Joachim Nadstawek (Germany)*

14.00-15.00 Lunch

15.00-16.30 Section. News of anesthesiology and emergency medicine

Chairpersons: *Likhvantsev V.V. (Moscow), Lebedinsky K.M. (St. Petersburg), Kitiashvili I.Z. (Astrakhan)*

1. Carbonylated proteins — early predictors of acute renal dysfunction, acute heart failure, and systemic inflammatory response in patients after cardiac surgery. *Filippovskaya Zh.S., Zabelina T.S., Grebenchikov O.A., Zinovkin R.A., Likhvantsev V.V.*
2. Physico-chemical properties of the new anesthetic buvasthesine. *Koryachkin V.A., Safin R.R.*
3. New approaches to the treatment of reperfusion injuries of the brain. An experimental study. *Grebenchikov O.A., Filippovskaya Zh.S., Zabelina T.S., Silachev D.N., Zorov D.B., Likhvantsev V.V.*
4. The first experience of using cascade plasma filtration in the treatment of systemic diseases at the intensive care unit. *Loss K.E., Vetsheva M.S., Podkorytova O.L., Frolova N.F., Voronova N.E.*
5. Levosimendan infusion in elderly patients (60 - 75 years) with reduced left ventricular ejection fraction improves the results of surgical treatment in non-cardiac surgery. *Likhvantsev V.V., Ubasev Yu.V., Skripkin Yu.V., Zabelina T.S., Sungurov V.A.*
6. A new concept of treatment of diffuse alveolar hemorrhage. *Szucs Attila, Miklos Udvardy*

7. Monitoring fluctuations in erythrocyte membranes as the criterion of efficiency of intensive care in patients with hepatic insufficiency. *Strizhkov N.A., Baibekov I.M., Irmatov S.Kh., Gizatulina N.R.*

16.30-18.00 Solemn Opening of the 15th Congress of the Federation of Anesthesiologists and Reanimatologists

Vecherny Cosmos Hall 1

9.00-9.45 Lecture. Volemic status in case of extensive abdominal surgeries. *Zabolotskikh I.B.*

10.00-11.50 Section. Ultrasound in anesthesiology and resuscitation

Chairpersons: Lakhin R.E. (St. Petersburg), Zabolotsky D.V. (St. Petersburg), Uvarov D.N. (Arkhangelsk)

1. Ultrasound monitoring of patients with severe pneumonia. *Lakhin R.E., Bokatyuk S.V., Shchegolev A.V.*
2. Blue protocol in the practice of child anesthesiologist-resuscitator. *Zakirov I.I.*
3. Ultrasound diagnosis of lung lesions in immunocompromised patients with acute respiratory failure. *Novikov V.A., Galstyan G.M., Kostina I.E.*
4. The advantages of using ultrasound in percutaneous dilational tracheostomy. *Aver'yanov D.A., Lakhin R.E., Andreyenko A.A., Shchegolev A.V.*
5. What does a child's heart prompt? *Sukhanov Yu.V.*
6. Urgent sonography as a component of anesthesiology and intensive care provision during the work on the Arctic shelf. *Bartashevich B.I.*

12.00-14.00 Section. Ultrasound in anesthesiology and resuscitation

Chairpersons: Lakhin R.E. (St. Petersburg), Zabolotsky D.V. (St. Petersburg), Uvarov D.N. (Arkhangelsk)

1. Extended techniques of regional anesthesia under ultrasound control. *Zabolotsky D.V.*
2. Ultrasound in palliative care – more than just pain relief. *Uvarov D.N., Antipin E.E.*
3. Ultrasound navigation during brachiocephalic vein catheterization in children. *Zakirov I.I.*
4. Ways to improve the safety of catheterization of the internal jugular vein using ultrasound navigation. *Nigmatullina A.R., Kasatkin A.A.*
5. Ultrasonic control of central vein catheterization in patients with excessive weight and high risk of hemorrhage. *Azbarov A.A., Apevalov S.I., Kalinin A.G., Sinitsyn M.S.*
6. Experience of subclavian vein catheterization under ultrasound control. *Verkhnev V.A., Il'yina M.V., Borodin A.A.*

16.30-18.00 Solemn Opening of the 15th Congress of the Federation of Anesthesiologists and Reanimatologists (Large Concert Hall)

Vecherny Cosmos Hall 2

9.00-9.45 Lecture. Non-invasive ventilation of lungs of premature newborn children. *Mitnikov O.E.*

10.00-11.00 Satellite symposium. Problems and opportunities in treatment of extramural and nosocomial pneumonia in conditions of resuscitation and intensive care unit. (*supported by AstraZeneka*)

Chairpersons: Rachina S.A., Avdeyev S.N., Protsenko D.N.

1. Epidemiology of pathogens causing pneumonia in Russia: the most problematic aspects in terms of the choice of antibiotics. *Rachina S.A.*
2. Severe community-acquired pneumonia: main approaches and key opportunities. *Avdeyev S.N.*
3. Nosocomial pneumonia: current reality and future prospects. *Protsenko D.N.*
4. Discussion

12.00-13.00 Lecture. Experience of application of diagnostics by patient's bed in conditions of city hospital. *Matyushkov N.S. (supported by Abbott)*

13.05-13.25 Lecture. The algorithm is the rational choice of the anticoagulant in the ICU. *Zamyatin M.N.*

13.30-14.00 Lecture. Perioperative microcirculatory disorders: microscopic causes of our greatest failures. *Aksel'rod B.A.*

16.30-18.00 Solemn Opening of the 15th Congress of the Federation of Anesthesiologists and Reanimatologists (Large Concert Hall)

Saturn Hall

9.00-9.45 Lecture. Preventive treatment of postsurgical cognitive dysfunction: what's new? *Ovezov A.M.*

10.00-11.50 Section. Anesthesia of aged patients

Chairpersons: Ovechkin A.M. (Moscow), Potievskaya V.I. (Moscow), Neimark M.I. (Barnaul)

1. Perioperative management of elderly and old-age patients with a high cardiovascular risk in case of spinal neurosurgical interventions. *Solenkova A.V., Lubnin A.Yu., Sel'kov D.A., Konovalov N.A.*
2. The occurrence of hemodynamic incidents during anesthesia and reactivity of the patient's cardiorespiratory system: is there any connection? *Veiler R.V., Zabolotskikh I.B.*

3. The specifics of the course of anesthesia in elderly patients with different functional states. *Trembach N.V., Dashevsky S.P.*
4. Thrombolytic therapy for cerebral infarction in old-age patients. *Saskin V.A., Pankratiev S.E., Shaitanova T.Yu., Fedoseyev A.S., Nedashkovsky E.V.*
5. Prediction of postoperative myocardial infarction in elderly and old-age patients after hip replacement. *Kuz'min V.V., Menshchikova O.A., Solodushkin S.I.*
6. Prevention and correction of perioperative hemodynamic disorders in elderly patients with fractures of the femur using pharmacological preconditioning. *Vasil'kov V.G., Marinchev V.N., Emelina N.G., Karpov A.F.*
7. Extracorporeal blood purification in pathogenetic therapy of abdominal sepsis in elderly and old-age patients. *Mironenko N.A., Ignatova T.Ya., Mironenko A.N.*

12.00-14.00 Section. Outpatient anesthesia

Chairpersons: Likhvantsev V.V. (Moscow), Ovezov A.M. (Moscow), Sukhotin S.K. (Khabarovsk)

1. Procedural sedation during outpatient procedures. *Likhvantsev V.V.*
2. Sedation regimes during surgery under regional anesthesia. *Smirnova N.N., Onishchenko E.V.*
3. Modern inhalation anesthesia in outpatient surgery. *Khalimov M.R., Ovezov A.M., Likhvantsev V.V.*
4. The conditions for achieving guaranteed safety of jet methods of respiratory support during endovideosurgical interventions on the larynx and upper trachea. *Kolotilov L.V., Pavlov V.E.*
5. Specifics of VIMA technique in mentally retarded children in dentistry. *Sitkin S.I., Gasparyan A.L.*
6. Anesthesia in outpatient surgery in children. *Babayev B.D., Ostreykov I.F., Svarinskaya G.B.*

14.00-15.00 Lunch

15.00-16.30 Organizational meeting of the 15th Congress: approval of the revised Charter of the Federation of Anesthesiologists and Reanimatologists

16.30-18.00 Solemn Opening of the 15th Congress of the Federation of Anesthesiologists and Reanimatologists (Large Concert Hall)

Neptun Hall

9.00-9.45 Lecture. Severe nephritic trauma. *Rey S.I.*

10.00-11.50 Satellite symposium. Perioperative management of surgical patients with a high risk of cardiac complications. (*supported by AlfaWassermann*)

Chairpersons: Eremenko A.A., Kozlov I.A., Nikolayenko E.M., Yavorovsky A.G.



1. A cardiac patient during non-cardiac surgery. *Nikolayenko E.M.*
2. Adjuvant cardioprotection: current realities *Kozlov I.A.*
3. Cardioprotection in the intraoperative period. *Yavorovsky A.G.*
4. The use of exogenous phosphocreatine in patients at the resuscitation and intensive care unit. *Eremenko A.A.*
5. Interactive voting.

12.00-14.00 Satellite symposium. Omega-3 fatty acids in intensive care: pros and cons. (*supported by Fresenius Kabi*)

Chairpersons: Rudnov V.A., Kulabukhov V.V., Protsenko D.N.

1. Whether there is a need for adjuvants to the basic nutritional support in critical conditions. *Rudnov V.A.*
2. The place of omega-3 fatty acids at the resuscitation and intensive care department. *Kulabukhov V.V.*
3. The place of omega-3 fatty acids at the resuscitation and intensive care department. *Protsenko D.N.*
4. Discussion

14.00-15.00 Lunch

15.00-16.30 Satellite symposium. Early enteral nutrition at the resuscitation and intensive care department (*supported by Nestlé Russia*)

16.30-18.00 Solemn Opening of the 15th Congress of the Federation of Anesthesiologists and Reanimatologists (Large Concert Hall)

Jupiter Hall

9.00-9.45 Lecture. Some aspects of work in scientific electronic eLIBRARY.ru. Or how scientist anesthesiologist-emergency physician can raise his guides. *Gorbachev V.I.*

10.00-14.00 CEEA Cycle

CEEA Cycle Opening

Chairpersons: Polushin Yu.S., Shikh E.V., Belov Yu.V., Bunyatyan A.A., Yavorovsky A.G.

Chairman: Yavorovsky A.G.

1. Preoperative preparation of children during operations on the head and neck. *Lemeneva N.V.*
2. Features of mechanical ventilation in neonates. *Fedorov P.V.*
3. Some aspects of anesthesia in pediatric maxillofacial surgery. *Lemeneva N.V.*
4. Resuscitation of a newborn. *Fedorov P.V.*



14.00-15.00 Lunch

15.00-18.00 CEEA Cycle

Chairman: Lebedinsky K.M.

1. Specifics of anesthesia during craniofacial interventions in children. *Lemeneva N.V.*
2. Ventilation-perfusion relationships. *Lebedinsky K.M.*
3. Critical conditions during the neonatal period. *Fedorov P.V.*
4. Capnography. *Lebedinsky K.M.*

Galactica Hall 1+2

9.00-9.45 Lecture. Cardiac insufficiency in noncardiac surgery: is there a place for Levosimendan? *Likhvantsev V.V.*

10.00-10.45 Lecture. Information technology in the work of a resuscitator. *Gerasevich V. (USA)*

11.00-11.45 Lecture. Acute blood loss. *Bobovnik S.V.*

12.00-12.45 Lecture. Epidural anesthesia in cardiac surgery. *Giovanni Landoni (Italy)*

15.00-16.30 Section. Anesthesia of patients with morbid obesity

Chairpersons: Subbotin V.V. (Moscow), Epshtein S.L. (Moscow), Sadchikov D.V. (Saratov)

1. Difficulties during anesthesia in patients with morbid obesity and ways to avoid them. *Subbotin V.V.*
2. Anesthesia without opioids in overweight patients. *Epshtein S.L.*
3. Regional anesthesia in abdominal surgery in patients with morbid obesity. *Davydov N.V., Trukhanova I.G., Gureyev A.D., Glukhova V.V.*
4. Changes in external respiration in pregnant women with varying degrees of obesity. *Matlubov M.M., Semenikhin A.A., Kim O.V., Khamdamova E.G.*
5. Prognostic scales for assessing difficult intubation in patients with a body mass index greater than 35. *Malakhova A.A., Klimov A.A.*
6. Prevention of abdominal compartment syndrome in patients with morbid obesity after endoscopic gastric resection. *Kiselev R.V., Gamayunov S.A., Zhabin Z.V., Dubinin A.O., Mikshin S.N.*

16.30-18.00 Meeting of cooperative research

Galactica Hall 3

9.00-9.45 Lecture. Complex pathway between polypragmasy and nihilism in neurointensive care: disappointment in medically induced neuroprotection and perspectives of pharmacologic stimulation of brain. *Tsarenko S.V.*

10.00-11.50 Master class. Modern approaches to neuroprotection in anesthesiology (supported by *NTFF Polysan*)

Moderator: Ovezov A.M.

1. 15 years of experience in using succinates for different types of shocks. *Orlov Yu.P.*
2. Fundamentals of patient safety in modern anesthesiology. *Zabolotsky D.V.*

12.00-14.00 Master class. Optimization of intensive care unit service through implementation of point-of-care testing (POCT) in diagnostic of critical conditions (supported by *Werfen*)

1. Evaluation of oxygen transport in patients in critical conditions. *Eremenko A.A.*
2. POCT concept in critical conditions: decentralization of diagnosis with centralization of control. *Stavtsev M.G.*
3. Discussion and demonstration of analyzers.

14.00-15.00 Lunch

15.00-16.30 Master class. Part 1. Anaesthetic provision of endoprosthesis replacement of large joints of lower limbs. Part 2 - Neurological complications of regional anesthesia. *Koryachkin V.A.* (supported by *Polyomed and NDA Medical Business Company*)

16.30-18.00 Solemn Opening of the 15th Congress of the Federation of Anesthesiologists and Reanimatologists (Large Concert Hall)

Galactica Hall 4

9.00-9.45 Lecture. Interaction in the "patient-ventilator" system: potential problems and their solution. *Khrapov K.N.*

10.00-18.00 Course "Basics of pain treatment"

Chairpersons: Spasova A.P. (Petrozavodsk), Zaripova Z.A. (St. Petersburg)

September 18, 2016 (Sunday)

Large concert hall

9.00-9.45 Lecture. Why must ketamine not become a scheduled drug. *Jannike Mellin-Olsen (Norway)*



10.00-11.50 Section. Cognitive abnormality and delirium

Chairpersons: *Ovezov A.M. (Moscow), Popugayev K.A. (Moscow), Kozlov I.A. (Moscow)*

1. Pharmacological prevention of postoperative cognitive dysfunction: is it possible? The results of randomized clinical trials. *Ovezov A.M., Lugovoi A.V., Panteleyeva M.V., Knyazev A.V., Bragina S.V.*
2. Intraoperative respiratory support and monitoring depth of anesthesia – is it possible to predict cognitive dysfunction? *Sokolova M.M., Rodionova L.N., Kuz'kov V.V., Telova O.N., Izotova N.N., Kirov M.Yu.*
3. Cognitive disorders after knee and hip joint replacement surgery with different anesthetic approaches. *Politov M.E., Bastrikin S.Yu., Ovechkin A.M.*
4. Postoperative cognitive dysfunction, psycho-emotional state and the level of cerebral perfusion in patients with atherosclerosis of the internal carotid arteries. *Belov Yu. V., Medvedeva L.A., Zagorul'ko O.I., Komarov R.N., Drakina O.V.*
5. The use of parenteral fish oil for the prevention of postoperative cognitive dysfunction in patients after cancer surgery. *Sayetgarayev A.K., Pasheyev A.V., Bariev N.I.*
6. Oxidative stress and delirium: influence of the choice of drug for sedative therapy. *Shapkin M.A., Grebenchikov O.A., Zabelina T.S., Ulitkina O.N., Likhvantsev V.V.*
7. Clinical use of dexmedetomidine in patients of a general surgical profile. *Nikoda V.V., Bondarenko A.V., Dubov V.A., Aleshin M.A., Mayachkin R.B.*
8. Specifics of the course of delirium in the intensive care period of acute myocardial infarction. *Yulin A.S., Ermakov M.A., Astakhov A.A., Marchenko A.Yu.*

12.00-14.00 Section. Anesthesia and intensive care in pediatrics

Chairpersons: *Aleksandrovich Yu.S. (St. Petersburg), Lekmanov A.U. (Moscow), Mironov P.I. (Ufa)*

1. Molecular hemocorrection in pediatric intensive care of critical conditions. *Yarustovsky M.B., Abramyan M.V.*
2. Anesthesia during transplantation of a finger from a foot to a hand in children. *Zabolotsky D.V., Ivanov M.D.*
3. Correction of hemostasis disorders in children with severe trauma. *Pshenisnov K.V., Aleksandrovich Yu.S.*
4. Personalized medicine at pediatric intensive care units: the evolution of methodology and implementation issues. *Mironov P.I., Lekmanov A.U.*
5. Anesthesia for endoscopic surgery in children. *Stepanenko S.M., Agavelyan E.G., Afukov I.I.*
6. Principles of intensive care during the acute period of severe craniocerebral trauma in children. *Savvina I.A., Blinov S.A., Novikov V.Yu.*

14.00-15.00 Lunch



15.00-16.25 Section. Organization of the anesthesiology and resuscitation service, and implementation of reform programs

Chairpersons: Gvak G.V. (Irkutsk), Molchanov I.V. (Moscow), Polushin Yu.S. (St. Petersburg), Stepanenko S.M. (Moscow)

1. Topical issues of the organization of anesthetic and resuscitation care at the present stage of development. *Molchanov I.V.*
2. The main directions of improvement of anesthetic and intensive care for children. *Stepanenko S.M.*
3. The possibilities and directions of activity of the Federation to optimize the use of resources for anesthetic and resuscitation support during emergency and routine medical care. *Polushin Yu.S.*

16.35-18.00 Section. Organization of the anesthesiology and resuscitation service, and implementation of reform programs

Chairpersons: Gvak G.V. (Irkutsk), Molchanov I.V. (Moscow), Polushin Yu.S. (St. Petersburg), Stepanenko S.M. (Moscow)

1. Federal model of clinical-statistical groups – problems and prospects of implementation in St. Petersburg. *Stozharov V.V.*
2. Key problems in the organization of anesthetic and resuscitation care at hospitals and multidisciplinary solutions, and ways to address them. *Protsenko D.N.*
3. Compensation of costs for the treatment of seriously ill patients in the delivery of emergency care under the clinical-statistical group model – whether it is possible to do something to improve the mechanism (experience of the Organizational and Economic Committee of the Federal Agency for Education). *Shlyk I.V.*
4. Criteria for assessing the quality of anesthetic and resuscitation care. *Petrova M.V., Oranskaya O.V.*
5. Prospective medical information technology and its place in the anesthetic and resuscitation care in the Russian Federation. *Zarubina T.V., Shvyrev S.L.*

Vecherny Cosmos Hall 1

9.00-9.45 Lecture. Chronical postsurgical pain – hidden rock of modern surgery. *Ovechkin A.M.*

10.00-11.50 Section. Regional anesthesia and pain treatment

Chairpersons: Ovechkin A.M. (Moscow), Bayalieva A.Zh. (Kazan), Karelov A.E. (St. Petersburg)

1. Intravenous infusion of lidocaine as a promising component of multimodal analgesia schemes. *Ovechkin A.M.*
2. Assessment and monitoring of the efficacy of acute pain treatment with opioids. *Bayalieva A.Zh.*

3. Evaluation of the efficacy and safety of extension of epidural or conduction analgesia after endoprosthesis replacement of large joints of the lower extremities in cancer patients. *Goryaev R.V.*
4. Comparative evaluation of metabolic changes against the use of epidural and paravertebral anesthesia during cancer interventions. *Kononchuk S.N., Ilyukevich G.V., Smirnov V.M., Gapeyenko E.V.*
5. Desensitization therapy as a method for targeted pain therapy in the perioperative period. *Karelov A.E.*
6. Comparison of the efficacy and safety of multimodal analgesia scheme with the use of nerve blocks in the lateral area of the abdomen and epidural analgesia in patients undergoing hysterectomy. *Smirnova O.V., Genov P.G., Timerbayev V.Kh., Mayorova O.V., Shavrina N.V.*
7. The analgesic effect of dexamethasone during the blockade of the brachial plexus. *Koryachkin V.A., Lavrenchuk A.V., Razumeyko V.V.*

12.00-14.00 Section. Regional anesthesia and pain treatment

Chairpersons: Koryachkin V.A. (St. Petersburg), Gorobets E.S. (Moscow), Timerbayev V.Kh. (Moscow)

1. Modern principles of perioperative analgesia during major orthopedic surgeries. *Ezhevskaya A.A., Prusakova Zh.B., Gostenko A.N., Zagrekov V.I.*
2. Using long-term epidural analgesia in the treatment of acute pancreatitis. *Sitkin S.I.*
3. Perioperative epidural analgesia in morbid obesity surgery. *Epshtein S.L.*
4. Clinical evaluation of combined spinal-paravertebral anesthesia in total hip replacement. *Koryachkin V.A., Lis'kov M.A., Mal'tsev M.P., Mokhanna M.I.*
5. Is selective blockade of N. Axillaris and N. Suprascapularis combined with infusion of dexmedetomidine an alternative to the blockade of the brachial plexus? *Nalivayko V.E., Genyuk Yu.V., Prokhorova S.V.*
6. The use of perioperative multimodal analgesia reduces the intensity of acute, but not chronic postoperative pain in patients with herniated intervertebral disks. *Genov P.G., Timerbayev V.Kh., Grin' A., Rebrova O., Vyatkin A.A.*
7. The efficacy of postoperative analgesia with tramadol: the role of genetic polymorphisms. *Sokolov D.A., Lyuboshevsky P.A.*

14.00-15.00 Lunch

15.00-16.25 Section. Diagnostics and treatment of disorder of hemostasis

Chairpersons: Bulanov A.Yu. (Moscow), Roitman E.V. (Moscow)

1. Drug therapy of hemorrhage and thrombosis: new achievements and new challenges *Roitman E.V., Kolesnikova I.M.*
2. Antithrombin in intensive care practice. *Bulanov A.Yu., Prasolov N.V., Yatskov K.V., Andreychenko S.A., Glukhova T.E.*
3. The state of the hemostatic system after selective thrombolysis in patients with ischemic stroke. *Zybin K.D., Sin'kov S.V.*

4. The justification of a differentiated approach to the correction of hemostasis disorders depending on the cause of generalized peritonitis. *Filippova L.A., Vasilkov V.G.*
5. Mortality during systemic thrombolytic therapy for stroke. *Gritsan A.I., Gazenkamf A.A., Dovbysh N.Yu., Kurnosov D.A., Gritsan I.V.*
6. Emergency treatment and prevention of bleeding in the patients receiving anticoagulants. *Donat Spahn (Switzerland)*
7. Fatal thrombosis during heparin therapy: prevalence in intensive care units before and after the application of our "rule" of diagnostics of heparin-induced thrombocytopenia. *Semigolovsky N.Yu., Kashchenko V.A., Semigolovsky S.N.*

16.35-18.00 Section. Diagnostics and treatment of disorder of hemostasis

Chairpersons: Galstyan G.M. (Moscow), Sin'kov S.V. (Krasnodar)

1. Between Scylla and Charybdis: coagulation status during prolonged ECMO. *Popugayev K.A., Kruglyakov N.M., Belousova K.A., Terekhov D.A., Abudeyev D.A., Lobanova I.N., Chibisov N.S., Bagzhanov G.I., Gubarev K.K., Zakhlevny A.I., Vavilov A.V., Zabelin M.V., Samoylov A.S.*
2. Controlled strategy of transfusion therapy for hemorrhagic complications. *Kolesnikova I.M., Kostin A.I., Roitman E.V.*
3. Special thromboelastographic techniques in intensive care practice: functional fibrinogen test. *Bulanov A.Yu., Yatskov K.V., Prasolov N.V., Bulanova E.L., Dobrova N.V.*
4. Comparative characteristic of thromboelastographic and electrocoagulographic methods for assessing the hemostasis system. *Sin'kov S.V., Zabolotskikh I.B., Karipidi M.K.*
5. The study of hemostatic potential of blood in patients with idiopathic scoliosis. *Ivanova A. A., Lebedeva M.N., Tyutrin I.I., Tereshchenkova E.V.*
6. Mechanisms of disturbance in the formation of a blood clot in a traumatic coagulopathy model. *Budnik I.A.*

Vecherny Cosmos Hall 2

9.00-9.45 Lecture. The WFSA: leading role in the global anesthesiology education and training. *M. Milenovich (Serbia)*

10.00-11.50 Satellite symposium. Oriented intensive care – modern technologies. *(supported by Orion Pharma)*

Chairman: Shchegolev A.V.

1. Levosimendan in critical conditions – beyond inotropic properties. *Lomivorotov V.V.*
2. Sedation in the postoperative period in neurosurgical patients. *Savin I.A.*
3. Delirium and postoperative cognitive dysfunction in anesthesiology and resuscitation. *Likhvantsev V.V.*



4. Neuroprotection with alpha-2 agonists in patients undergoing cardiac surgery.
Gorokhovatsky Yu.I.

12.00-14.00 Round-table discussion "Protective mechanical ventilation in anesthesiology: let's discuss this" (supported by Drager)

Chairman: Lebedinsky K.M.

1. Mechanical ventilation in anesthesiology — is everything really as it seems?

Aksel'rod B.A.

2. Assessment of the unconscious reality or our capabilities in the operating room.

Kochkin V.S.

3. Auxiliary ventilation in conjunction with anesthesiology during highly traumatic surgical interventions in vascular surgery. *Bukarev A.E.*

4. Hardware for optimizing ventilation during anesthesia. *Kolomiets V.Ya.*

5. How I set the mechanical ventilation parameters during anesthesia: instead of a conclusion (quantum satis) *Lebedinsky K.M.*

14.00-15.00 Lunch

15.00-16.25 Section. Pain treatment — the second foothold of profession?

Chairpersons: Gnezdilov A.V. (Moscow), Abuzarova G.R. (Moscow), Arbukh D. (USA)

1. The second foothold of the profession of anesthesiology. *Gnezdilov A.V.*

2. The basic principles of the organization of pain treatment departments on the basis of a multidisciplinary clinic (a deliberate choice or a tribute to modern trends?) *Zagorul'ko O.I.*

3. Chronic postoperative pain syndrome: the extent of the problem and its prevention. *Ovechkin A.M.*

4. The availability of opioid analgesics in Russia. Interim history in 2016. *Abuzarova G.R.*

16.35-18.00 Satellite symposium. The topic is to be determined (*supported by Pfizer*)

Saturn Hall

9.00-9.45 Lecture. Modern trends in neuroanaesthesiology. *Lubnin A.Yu.*

10.00-11.50 Section. Anesthesia and intensive care in neurology and neurosurgery

Chairpersons: Kondratiev A.N. (St. Petersburg), Petrikov S.S. (Moscow), Shchegolev A.V. (St. Petersburg), Belkin A.A. (Ekaterinburg)

1. The brain and vegetative imbalance. *Kondratiev A.N.*

2. A novella about acute cerebral insufficiency. *Belkin A.A.*

3. Intensive care of patients with severe traumatic brain injury – overcoming clinical stagnation. *Shchegolev A.V.*

4. Neuro-resuscitation: old songs about the main things. Petrikov S.S.

12.00-14.00 Section. Anesthesia and intensive care in neurology and neurosurgery
Chairpersons: Kondratiev A.N. (St. Petersburg), Petrikov S.S. (Moscow), Shchegolev A.V. (St. Petersburg), Belkin A.A. (Ekaterinburg)

1. Comprehensive assessment of neurological and neurohumoral status in patients with severe traumatic brain injury in the preoperative period. *Kolesnikov A.N.*
2. Safety assessment of percutaneous tracheostomy in patients with acute ischemic cerebral circulation. *Gritsan A.I.*
3. Anesthesiological support as a method of anti-ischemic cerebral protection during reconstructive operations on the carotid arteries. *Gekkieva Zh.S., Kozhayev Z.U.*
4. Dysphagia in patients with acute cerebral circulation disorders. *Tsvetkova N.V.*
5. The results of early verticalization of patients in routine neurosurgery. *Akifieva E.I.*
6. Interventional therapy during the most acute period of cerebral infarction. *Saskin V.A.*
7. Acute postoperative seizures after surgical treatment of brain tumors. *Sokolova E.Yu.*
8. Neuronal damage during general anesthesia in carotid endarterectomy. *Shmelev V.V.*
9. Effect of hyperventilation on oxygenation and cerebral metabolism in patients with intracranial hemorrhage in a critical condition. *Solodov A.A.*
10. The role of ICP and CPP-oriented therapy in the treatment of patients with severe traumatic brain injury complicated by the development of cerebral vasospasm. *Karpukhin A.Yu.*
11. Comparison of methods for non-invasive and invasive evaluation of ICP in patients with severe head injury. A pilot study. *Ogar' O.N.*
12. Optimization of anesthesia during carotid endarterectomy. *Azbarov A.A.*

14.00-15.00 Lunch

15.00-16.25 Section. Preventive treatment of infections in anesthesiology section of the intensive care unit Nurse section

Chairpersons: Ershova O.N. (Moscow), Kulabukhov V.V. (Moscow)

1. Prevention of nosocomial infections at the neuro-resuscitation department. *Egorova N.M.*
2. Prevention of nosocomial pneumonia in patients on mechanical ventilation. *Ulyanova M.V., Egorova N.M., Butova E.M.*
3. Assessment of the effectiveness of oral health in patients on mechanical ventilation (nurse study). *Pivkina A.I., Gusarov V.G., Zhivotneva I.V., Bodunova G.E., Zamyatin M.N.*

4. Current possibilities of safe catheterization of peripheral veins. *Zhivotneva I.V.*
5. Experience in preventing bloodstream infections at the neuro-resuscitation department – a nurse's perspective. *Tonyan I.V., Egorova N.M., Butova E.M.*

16.35-18.00 Section. Law issues and miscellaneous. Nurse section

Chairpersons: Kasimovskaya N.A. (Moscow), Levshankov A.I. (St. Petersburg)

- 1 Oxygen delivery evaluation and control by an anesthesiology nurse when delivering inhalational minimal metabolic flow anesthesia. *Levshankov A.I.*
- 2 The role of an anesthesiology nurse in assessing the adequacy of minimal and metabolic flow anesthesia. *Stepanycheva Zh.S.*
- 3 Intensive care for patients with rhabdomyolysis. The role of an anesthesiology nurse (clinical observation). *Pashuta Z.E.*
- 4 Modern technology in thoracic surgery for tracheal intubation in the practice of an anesthesiology nurse. *Atamanenko R.N.*
- 5 Specifics of exercising the right to preferential pension of medical workers at court. *Potemkina I.*
- 6 The effectiveness of the implementation of continuing education programs for specialized secondary medical education in the evaluation of clinical outcomes of patients at the intensive care unit. *Plotnikov G.P.*
- 7 Thrombolytic therapy for ischemic stroke – where all started and where we have arrived. *Saskin V.A., Zyryankina N.M., Bogdankova A.P.*
- 8 Occupational safety for healthcare professionals at the anaesthesiology and resuscitation units. Risk factors when working with inhaled anesthetics and their prevention. *Kasimovskaya N.A.*

Neptun Hall

9.00-9.45 Lecture. Opioid medications for pain treatment. *D. Arbuck (USA)*

10.00-18.00 School. Extracorporeal membrane oxygenation (ECMO) (*supported by Getinge Group*)

1. ECMO – the history and prospects. *Kornilov I.A.*
2. VV ECMO – indications and management. *Alois Philipp*
3. Mechanical ventilation and VV ECMO. *Federico Pappalardo*
4. VV ECMO in viral pneumonias – the experience of St. Petersburg. *Shelukhin D.A.*
5. Cannulation for ECMO in children. *Omelchenko A.Yu.*
6. Cannulation for VA ECMO in adults – central. *Robertas Samalavicius*
7. Cannulation for VA ECMO in adults – peripheral. *Kornilov I.A.*
6. Cannulation for VA ECMO in adults – what to choose: expert discussion. *Alois Philipp, Federico Pappalardo, Poptsov V.N.*
9. ECPR – Regensburg's experience. *Alois Philipp*
10. To pump or not to pump – IABP during ECMO. *Federico Pappalardo*

11. Lunch-training "Puncture femoral cannulation for VA ECMO in adults" (mannequin). *Kornilov I.A., Philipp Alois*
12. Extracorporeal support in transplantation. *Poptsov V.N.*
13. Ultrasound: the gold standard for ECMO. *Lakhin R.E.*
- VA ECMO for heart failure in elderly patients. *Robertas Samalavicius*
15. ECMO program – what do you need to successfully start. *Alois Philipp*
16. ECMO center – what is necessary for successful work? *Skopets A.A.*
17. Unique cases of ECMO. Poster session.
18. The organization of the Russian Society of Extracorporeal Life Support. *Shelukhin D.A.*
19. A day on duty with ECMO – interactive training. *Kornilov I.A.*

18.00-19.00 Meeting of the Management Board of the Federation: procedural issue of the preparation for the 16th FAR Congress

Jupiter Hall

9.00-9.45 Lecture. Enteropathies of critical conditions. *Mazurok V.A.*

10.00-14.00 CEEA Cycle
Chairman: Vyzhigina M.A.

1. High-frequency and oscillatory mechanical ventilation. Etiopathogenesis. Clinical use. *Vyzhigina M.A., Yavorovsky A.G.*
2. Anesthesia using non-invasive JET ventilation for endolaryngeal surgeries in children. *Rybalko A.S.*
3. Non-invasive and minimally invasive respiratory therapy. *Babayev M.A.*
4. JET-ventilation in pediatric intensive care. *Rybalko A.S.*
5. Etiology, pathogenesis and intensive treatment of asthma. *Guriyanov V.A.*

14.00-15.00 Lunch

15.00-18.00 CEEA Cycle
Chairman: Guriyanov V.A.

1. Compartment syndrome. Respiratory disorders. *Guriyanov V.A.*
2. Modern aspects of anesthesia in thoracic surgery. *Vyzhigina M.A., Yavorovsky A.G.*
3. Pulmonary embolism. *Guriyanov V.A.*
4. Difficult airways. *Stamov V.I.*

Galactica Hall 1+2

9.00-9.45 Lecture. Neuropsychological complications in the postoperative period. *Likhvantsev V.V.*

10.00-11.50 Section. Difficult airways: key aspects, challenges and ways to address them

Chairpersons: Bunyatyan A.A. (Moscow), Andreyenko A.A. (St. Petersburg), Stamov V.I. (Moscow)

1. Difficult airways: monitoring the issue over the last eight years, what has changed? (Results of monitoring by a dedicated committee). *Dolbneva E.L., Stamov V.I., Andreyenko A.A., Bunyatyan A.A.*
2. Modern principles of addressing the issue of difficult airways. *Andreyenko A.A., Makarenko E.P., Shchegolev A.V.*
3. Fiberoptic intubation: not always easy. *Prokoshev P.V., Danilin A.M., Ovezov A.M.*
4. Hemodynamic profile as a consequence of the specifics of the use of modern devices for tracheal intubation and maintenance of patency of airways. *Stamov V.I., Dolbneva E.L., Bunyatyan A.A.*
5. The use of second-generation supraglottic ducts to solve the problem of difficult airway at a general inpatient hospital. *Flerova O.V., Gavrilov S.V.*
6. "Tubal intubation" in patients with pathology of the chiasmoseillar area. (Comparison of the effectiveness of using five different laryngoscopes by one anesthesiologist). *Kurnosov A.B., Shmigelsky A.V., Lubnin A.Yu.*
7. Selecting a duct for anesthesia during ophthalmic surgical interventions. *Rylov P.M., Bersenev S.V., Idov I.E., Komlev V.A.*
8. The specifics of tracheal intubation in patients at the department of head and neck tumors. *Stadler V.V.*
9. Experience in using an anti-reflective endotracheal tube: a new point of view on the issue. *Shumatov V.B.*

12.00-14.00 Section. New in cardiopulmonary resuscitation *Chairpersons: Kuzovlev A.N. (Moscow), Subbotin V.V. (Moscow)*

1. Algorithm for cardiopulmonary resuscitation – revision 2015. *Kuzovlev A.N.*
2. High quality cardiopulmonary resuscitation. *Subbotin V.V.*
3. Demonstration of an advanced cardiopulmonary resuscitation algorithm.
4. Case study (work with the audience).

15.00-16.25 Section. Acute respiratory failure

Chairpersons: Kirov M.Yu. (Arkhangelsk), Nikolayenko E.M. (Moscow), Khrapov K.N. (St. Petersburg)

1. Protective mechanical ventilation — is it possible to prevent damage to the lungs? *Kuz'kov V.V.*
2. Theoretical basis and clinical experience with programmed multilevel ventilation. Multicenter analysis Slovakia – Russia. *P. Török, P. Čandík, D. Rybár, S. Saladiak, Š. Imrecze, A. Kolesár, F. Sabol, J. Firment, S. Berežnoj, A. Čaščin*
3. Setting PEEP – an important component of safety of mechanical ventilation. *Nikolayenko E.M.*

4. Full automation of respiratory support? Utmost attention! *Mazurok V.A.*
5. Monitoring Integrated Pulmonary Index (IPI) in patients after coronary artery bypass grafting without cardiopulmonary bypass. *Fot E.V., Izotova N.N., Smyotkin A.A., Kuz'kov V.V., Kirov M.Yu.*
6. The first experience of using extracorporeal membrane oxygenation in the treatment of acute respiratory failure due to viral and bacterial pneumonia. *Kornelyuk R.A., Shukevich D.L., Khaes B.L., Plotnikov G.P., Larionov M.V.*
7. National guidelines for nosocomial pneumonia: what's new? *Belotserkovsky B.Z.*

16.35-18.00 Master class. Flexible control of heart rate and blood pressure in unstable hemodynamics(*supported by Baxter and Mindray*)

Galactica Hall 3

9.00-9.45 (supported by Fisher & Paykel Healthcare). Humidification and VAP prevention. *Goryachev A.S.* High-frequency oxygen therapy. *Magomedov M.A.* The topic is to be determined. *Yaroshetsky A.I.* ???????

10.00-11.00 Lecture. Therapeutic use in aerosol drug delivery. *Richard Costello*

12.00-14.00 Section. Pain management in ophthalmology

Chairpersons: Rylov P.M. (Ekaterinburg), Lubnin A.Yu. (Moscow)

1. Ophthalmologic anesthesia: past, present and future. Trends and technologies. Information about the 4th World Congress of Ophthalmoanesthesiologists (September 3-4, 2016, Chennai, India). *Rylov P.M.*
2. Experience of combined peripheral blocking in the surgical correction of strabismus in children. *Korobova L.S., Glazunov A.A., Gorbunova E.D., Zakharchenko A.V.*
3. Xenon anesthesia in adults and children in the ophthalmic surgery. Treatment of chronic ophthalmic pain with xenon. *Myasnikova V.V.*
4. Problems of the quality of life in ophthalmic interventions in children with retinopathy of prematurity in the postoperative period. *Shvetsov M.E., Yel'kin I.O., Devaikin E. V.*
5. Conservative therapy and xenon anesthesia in a private ophthalmosurgical clinic. *Vishnevskiy S.A.*
6. The first experience with dexmedetomidine in vitreoretinal surgery. *Berlinskiy V.V., Maksimov V.Yu., Chumakov L.A., Kozlov S.A.*

15.00-16.25 Master class. New opportunities in thrombosis risk management (*with the support of Alfa Wassermann company*)

Chairpersons: Martynov D.V., Prostov I.I., Sin'kov S.V., Slepushkin V.D.

1. Low molecular weight heparins in critically ill patients – what's new? *Slepushkin V.D.*
2. Antithrombotic therapy: advanced facilities and opportunities. *Sin'kov S.V.*

3. Regional anesthesia and anticoagulation: to pass at the tip of the spear.

Martynov D.V.

4. Prevention of deep vein thrombosis in surgical patients. *Prostov E.E.*

16.35-18.00 Master class. Cardiopulmonary resuscitation as viewed by resuscitator.

Zaripova Z.A. (with the support of Physio-Control company)

Galactica Hall 4

9.00-9.45 Lecture. Medically induced support of blood circulation during septic shock. *Nikolayenko E.M.*

10.00-18.00 Course "Basics of pain treatment"

Chairpersons: Zaripova Z.A. (St. Petersburg), Spasova A.P. (Petrozavodsk)

September 19, 2016 (Monday)

Large concert hall

9.00-9.45 Lecture. New paradigm of intensive therapy: "The less aggression – the better result". *Rudnov V.A.*

10.00-11.50 Section. SEPSIS-2016: key questions

Chairman: Gel'fand B.R. (Moscow)

1. SEPSIS: evolution of ideas and new diagnostic concept. *Rudnov V.A.*
2. New opportunities of laboratory diagnostics. *Kulabukhov V.V.*
3. Express SOFA: expectations and doubts. *Protsenko D.N., Gel'fand B.R.*

12.00-14.00 Section. SEPSIS-2016: original studies

Chairpersons: Gel'fand B.R. (Moscow), Rudnov V.A. (Ekaterinburg), Protsenko D.N. (Moscow), Kulabukhov V.V. (Moscow)

1. Changing the role of ESCAPE group of pathogens in the etiology of infectious complications in a multidisciplinary hospital: the results of the implementation of control strategies of antimicrobial therapy (CSAT). *Gusarov V.G., Nesterova E.E., Dementienko M.V., Lashenkova N.N., Zamyatin M.N.*
2. Surfactant therapy in treatment of severe bilateral pneumonia and acute respiratory distress syndrome caused by influenza A / H1N1 / 09, based on epidemics of 2009-2010 and 2015-2016. (Multicenter study) *Rosenberg O.A., Shapovalov K.G., Luk'yanov S.A., Shvechkova M.V., Seyliev A.A.*
3. Choice of extracorporeal detoxification regimes in patients with severe sepsis and septic shock. *Vetsheva M.S., Podkorytova O.L., Yakovleva I.I., Nazarova I.N., Tkachenko N.Ya.*

4. Criteria for personalized approach to the selection of high volume hemofiltration mode in patients with sepsis. *Kudryavtsev A.N., Kulabukhov V.V., Chizhov A.G., Kleuzovich A.A., Korneyev A.V.*
5. Antimicrobial agents consumption monitoring system in the intensive care service of a large multidisciplinary hospital. *Bagin V.A., Rudnov V.A., Kolotova G.B., Bel'sky D.V., Ivanova N.A., Kovalyov S.Yu.*
6. Selective lipopolysaccharide hemosorbition – new ways of increasing the efficiency and safety of use. *Yakovlev A.Yu., Abramov A.V., Semenov V.B., Ilyin Yu.V., Bershadskiy F.F.*
7. Hand hygiene in clinical practice of resuscitator. The results of one survey. *Ershova O.N., Kulabukhov V.V.*
8. The lessons of pandemic influenza A / H1N1 / 09: year 2016. *Shapovalov K.G., Konnov V.A.*

14.00-15.00 Lunch

15.00-16.25 Section. Anesthesia and IT in maieutics

Chairpersons: Shifman E.M. (Moscow), Kulikov A.V. (Ekaterinburg), Bayalieva A.Zh. (Kazan), Pyregov A.V. (Moscow)

1. Iatrogenic causes of maternal mortality. *Drobinskaya A. N.*
2. Medical evacuation of pregnant women, women in childbirth and postpartum. From clinical guidelines to the Act of the Ministry of Healthcare (Russian Federation). *Bratishchev I.V.*
3. Massive transfusion protocol for obstetric bleeding and how to avoid it. Problems of Order No.183. *Kulikov A.V.*
4. Coagulopathy in obstetrics. *Sin'kov S.V.*
5. TRALI-syndrome in obstetrics: risk minimization. *Shifman E.M.*

16.35-18.00 Section. Anesthesia and IT in maieutics

Chairpersons: Shifman E.M. (Moscow), Kulikov A.V. (Ekaterinburg), Bayalieva A.Zh. (Kazan), Pyregov A.V. (Moscow)

1. Heparin is 100 years old! The role of anticoagulants in obstetrics. *Kulikov A.V.*
2. Acute liver failure in obstetric practice. *Bayalieva A.Zh.*
3. HELLP-syndrome and its main "simulators" during pregnancy. *Pyregov A.V., Kalachin K.A., Korolyov A.Yu.*
4. Atypical hemolytic uremic syndrome in obstetrics. Description of a clinical case. *Matkovskiy A.A., Bykov A.S., Zhilin A.V., Belomestnov S.R.*
5. The draft of clinical guidelines "Difficult airways in obstetrics." *Pyregov A.V., Shifman E.M., Ovechkin A.Yu., Petrov S.V., Shmakov R.G.*
6. Caesarean section and the concept of FAST TRACK. *Filippovich G.V., Khapchaev I.Yu., Pis'mensky S.V.*

9.00-9.45 Lecture. Modern inhalational anesthesia in maieutics. *Ovezov A.M.*

10.00-11.50 Section. The safety problem in anesthesiology and intensive care of 100 min

Chairpersons: Bunyatyan A.A. (Moscow), Lubnin A.Yu. (Moscow), Mazurok V.A. (St. Petersburg), Yavorovsky A.G. (Moscow)

1. Is our patient in safety in the ICU? The results of the staff survey. *Vinokurova A.A.*
2. Pathophysiological evaluation of surgical stress response in patients operated on for lung tumors in a multimodal and inhalation-intravenous anesthesia in the intra- and postoperative periods. *Kachur S.V., Dolgikh V.T.*
3. Opportunities for prognosis of critical incidents in the perioperative period using functional methods. *Tsygankov K.A.*
4. On the way to import substitution – the first experience of application of innovative laryngeal mask. *Bychkov A.A., Kozhevnikov M.A.*
5. The prognostic significance of specific rating scales in regard to the development of postoperative liver failure. *Sin'kov S.V.*
6. Crikosternal distance as a predictor of the formation of contraindications for percutaneous dilated tracheostomy in patients with severe brain damage. *Aver'yanov D.A.*
7. Sufficient oxygen delivery during inhalation anesthesia with minimally metabolic flow – a key factor in ensuring patient safety. *Levshankov A., Shchegolev A.V.*
8. Systemic inflammatory response in aesthetic surgery abdominoplasty combined with liposuction. *Kuz'min V.V.*
9. Optimization of tactics for in-hospital transport of patients with non-traumatic intracranial hemorrhages. *Lokhov A.V.*
10. Strategy in the immediate postoperative period: early activation or renaissance of medical anesthesia? *Shidlovskiy A.S.*

12.00-14.00 Section. Law aspects of anaesthesiology and intensive care

Chairpersons: Molchanov I.V. (Moscow), Sumin S.A. (Kursk), Gorbachev V.I. (Irkutsk)

1. Legal aspects of the profession. *Molchanov I.V.*
2. The dialectic of the rules of providing and evaluation of care. *Starchenko A.A.*
3. Medical legal aspects in anesthesia and intensive care. *Sumin S.A.*

14.00-15.00 Lunch

15.00-16.25 Section. Infusion treatment and blood preservation

Chairpersons: Zhiburt E.B. (Moscow), Nikolayenko E.M. (Moscow), Petrikov S.S. (Moscow)

1. Effect of topical application of traneksamom on postoperative blood loss. *Kolbintsev S.I., Yavorovsky A.G., Zyulyaeva T.P.*

2. Methods for reducing blood loss in the correction of idiopathic scoliosis. *Ivanova*
3. The restrictive strategy of blood transfusion. *Zhiburt E.B., Gubanova M.N., Kozhemyako O.V.*
4. Massive blood loss: questions of forecasting posthemorrhagic complications. *Yevdokimov, Valetova*
5. Results of treatment of intraoperative blood loss in pediatric oncology. *Shchukin, Lazarev*

16.35-18.00 Section. Infusion treatment and blood preservation

Chairpersons: Nikolayenko E.M. (Moscow), Gorobets E.S. (Moscow), Petrikov S.S. (Moscow)

1. Liquids in the intensive care of critical states. *Nikolayenko E.M.*
2. Infusion transfusion therapy of combined craniocerebral trauma. *Marutyanyan Z.G., Petrikov S.S.*
3. Current status of the problem of perioperative infusion of colloids. *Gorobets E.S.*

Vecherny Cosmos Hall 2

9.00-9.45 Lecture. Tissue perfusion monitoring: haemodynamic and metabolic markers. *Kirov M.Yu.*

10.00-11.50 Open discussion of project of clinical recommendations in relation to metabolic monitoring during artificial ventilation of lungs *Chairpersons: Yaroshetskiy A.I., Mazurok V.A., Nikolayenko E.M., Lebedinsky K.M., Leiderman I.N., Krylov K.Yu., Gritsan A.I., Sadretdinov M.A.*

12.00-13.30 Round table. Advanced technology in the setting of respiratory support in case of ARF (*with the support of GE Healthcare*)
Chairpersons: Nikolayenko E.M., Yaroshetskiy A.I.

1. What are we interested in when setting up the vent, is of course a expiratory pressure (PEEP) or finite-expiratory volume (FRV)? *Nikolayenko E.M.*
2. Complicated ARF: We have to look at the morphology and balance between the increase in the FRV and alveolar hyperinflation! *Yaroshetskiy A.I.*
3. Presentation of the new NDA GE Carescape R860.

15.00-16.25 Round table. Additional anaesthesiologic monitoring. All PROs and CONs (*with the support by GE Healthcare*)
Chairpersons: Subbotin V.V., Gruzdev V.E.

1. Against. *Subbotin V.V.*
2. In favor. *Gruzdev V.E.*

16.35-18.00 Round table. Metabolic monitoring in the ICU – the quintessence of intensive supervision (*with the support by GE Healthcare*)

Chairpersons: Mazurok V.A., Nikolayenko E.M.

1. So, looks like this is right? *Mazurok V.A.*
2. Let's use the correct means in the proper way? *Nikolayenko E.M.*

Saturn Hall

9.00-9.45 Lecture. Anaesthetic aspects of the concept of fast track surgery.
Pasechnik I.N.

10.00-11.50 Section. Practical implementation of the FAST-TRACK concept
Chairpersons: Pasechnik I.N. (Moscow), Kulikov A.S. (Moscow), Levit A.A. (Ekaterinburg)

1. Organizational aspects of FAST-TRACK surgery. *Lyadov K.V.*
2. Managing stages of anesthesia: clinical and economic aspects of the operating room. *Gubaidullin R.R.*
3. FAST-TRACK in the neurosurgical clinic. *Kulikov A.S., Lubnin A.Yu.*
4. "Analgesia Nociception Index" and optimization of analgesia in early postoperative rehabilitation. *Chumachenko E.D.*
5. Possibilities of early rehabilitation of patients in onco-surgical practice. *Khoronenko V.E., Baskakov D.S.*
6. Changing the length of hospitalization of patients after the introduction of FAST TRACK SURGERY in a multidisciplinary hospital. *Roitberg G.E., Smirnov I.V., Kondratova N.V.*
7. Using the FAST-TRACK technology anesthesia in elderly patients with transcatheter aortic valve implantation. *Sidorova S.M., Fursov A.A., Larionova S.G., Chernetsky A.V., Gordeev V.V.*

12.00-14.00 Section. Inhalation and total intravenous anesthesia *Chairpersons: Likhvantsev V.V. (Moscow), Shapovalov K.G. (Chita), Shchegolev A.V. (St. Petersburg)*

1. Choosing the best anesthetic for neurophysiological monitoring during surgery on neurosurgical patients. *Moschev D.A., Ogurtsova A.A., Sazonova O.B., Lubnin A. Yu.*
2. Indications for mask induction with sevoflurane in adults. *Gorobets E.S.*
3. Effect of inhalation anesthetic sevoflurane based on perioperative neuronal injury in patients with cerebrovascular disease. *Il'yn Yu.V., Grebenchikov O.A., Shapkin M.A., Likhvantsev V.V.*
4. Comparison of the effectiveness of diazepam and dexmedetomidine for sedation during routine surgery. *Ivchenko A.P., Kitiashvilli I.Z., Kitiashvilli D.I., Shurenov A.R., Zyablov A.L.*

5. Deciding on anesthesia technique in patients with the syndrome of "high standing of the greater trochanter." *Kirilina S.I., Sirota V.S., Pervukhin S.A., Sirota G.G.*
6. Choosing the method of induction of anesthesia in patients with massive tumors of the mediastinum. *Kryukova E.G., Stadler V.V., Vozdvizhensky M.O., Treitman A.V.*
7. Estimation of economic efficiency of the automated feeding mode of inhalation anesthetic in the anesthetic station AISYS CS. *Novikov A.Yu., Golub I.E., Sorokina L.V.*
8. Analgosedation with sevoflurane after abdominal surgeries in the intensive care unit. *Molchanov I.V., Potievskaya V.I., Krivenko T.V.*

14.00-15.00 Lunch

15.00-16.25 Section. Clinical aspects of nutritional support *Chairpersons: Petrova M.V. (Moscow)*

1. Infusion therapy and clinical nutrition: change of paradigm. *Protsenko D.N.*
2. Quality of life of the intensive care patient – role played by nutritional therapy. *Tsvetkov D.S.*
3. Features of enteral nutrition in intensive care. *Yatskov K.V.*
4. Methods of monitoring the effectiveness of nutritional support in the ICU. *Petrova M.V.*
5. Parenteral nutrition – one of several types of nutritional support. Differentiation of the forms of drugs for parenteral nutrition. *Kulabukhov V.V.*

16.35-18.00 Section. Russian-German Society of Anaesthesiology and Intensive Care

Chairpersons: Bunyatyan A.A. (Moscow), Joachim Nadstaweck (Germany), Yavorovsky A.G. (Moscow)

1. Postoperative cognitive dysfunction in patients with chronic pain. *Vyatkin A.A., Petrosyan L., Axel'rod B.A., Vasiliev S.*
2. Anesthesia in thoracic surgery. *Ludger Kaumans (Germany)*
3. Sedation with dexmedetomidine in the postoperative period. *Eremenko A.A., Chernova E.*
4. Safety issues with the LCE. What else anesthesiologist should consider. *Volkov P.V., Gur'yanov V.A.*

Neptun Hall

9.00-9.45 Round table. Sugammadex in daily practice: pros and cons. *In favor – Babayants A.V., against – Subbotin V.V. (with the support by MSD Pharmaceuticals)*

10.00-11.50 Satellite symposium. Significant problems of modern intensive care *(with the support by Medtronic)*

Chairpersons: Kirov M.Yu., Mazurok V.A., Kovalev M.G.

1. Capnography of the microflow and integrated pulmonary index: what's new?
Kirov M.Yu.
2. Respiratory support with high "price" of breathing: how to set up? *Mazurok V.A.*
3. Innovative technologies for overcoming difficult airway: Videolaryngoscopy.
Kovalev M.G.

12.00-14.00 Section. Efficient technologies in the Intensive Care

Chairpersons: Yarustovsky M.B. (Moscow), Khoroshilov S.E., (Moscow), Nikiforov Yu.V. (Moscow)

1. Molecular hemocorrection in intensive therapy of critical states. *Yarustovsky M.B., Abramyan M.V.*
2. Extracorporeal hemocorrection in oncology. *Gromova E.G.*
3. Extracorporeal methods in intensive care of pregnant women with HELLP-syndrome. *Fedorova T.A., Strel'nikova E.V., Rogachevsky O.V., Pyregov A.V.*
4. Selective plasma filtration and diafiltration of plasma in patients in critical conditions. *Sokolov A.A., Aleksandrova I.V., Popov A.V., Rey S.I., Gendel' L.L., Gubanova S.N., Marchenko L.V., Skorinova T.S.*
5. Effect of extracorporeal detoxification on tissue perfusion in septic shock. *Khoroshilov S.E., Nikulin A.V., Bazhina E.S.*
6. New sorbtion methods of extracorporeal blood correction in case of liver failure. *Fomin A.M, Titova G.V.*

14.00-15.00 Lunch

15.00-16.25 Satellite symposium. Anesthesiology, reanimation and intensive treatment department of XXI century: from monitoring to intelligent information space (*with the support by Philips*)

Chairpersons: Mazurok V.A., Pasyuga V.V., Robert Deisz, Vitaly Herasevich

1. Informatization of ICU through the eyes of Soviet anesthesiologist. *Mazurok V.A.*
2. What do we expect from ICU informatization. *Pasyuga V.V.*
3. Computerization of ICU – the experience of the University Hospital in Germany. *Robert Deisz (Germany)*
4. Intelligent Information Environment of ICU: the future starts today. *Vitaly Herasevich (USA)*

16.35-18.00 Satellite symposium. A variety of crystalloid solutions in the hospital – necessity: pros and cons (with the support by Baxter)

Chairman: Polushin Yu.S.

1. "Against". *Protsenko D.N.*
2. "In favor". *Kulabukhov V.V.*

9.00-9.45 Lecture. Anesthesia and liver failure. *Dzyadz'ko A.M.*

10.00-14.00 CEEA Cycle

Chairman: Yavorovsky A.G.

1. Specifics of anesthetic management in reconstructive maxillofacial surgery. Part 1. *Zaitsev A.Yu.*
2. Cicatricial tracheal stenosis. Current status, prevention and treatment. *Parshin V.D.*
3. Specifics of anesthetic management in reconstructive maxillofacial surgery. Part 2. *Zaitsev A.Yu.*
4. What do we treat in case of ARDS: pathogenesis, defining the therapeutic treatment. *Vlasenko A.V.*
5. Evolution of respiratory support: possibilities and limitations. *Vlasenko A.V.*

14.00-15.00 Lunch

15.00-18.00 CEEA Cycle

Chairman: Nikoda V.V.

1. Prevention of postoperative heart rhythm disturbances in oncological lung surgery. *Khoronenko V.E.*
2. Pre-surgery assessment of the anesthesiological and surgical risk. *Kulagina T.Yu.*
3. Diagnosis of the etiology of pulmonary injury in acute respiratory failure in patients in the intensive care unit. *Galstyan G.M.*
4. Principles of postoperative care for thoracic surgery patients. *Nikoda V.V.*

Galactica Hall 1+2

9.00-9.45 Lecture. The role of biomarkers in antibacterial therapy optimization. *Popov D.A.*

10.00-11.50 Satellite symposium. Theory and practical application of IT in anaesthesiology and intensive care in Russian clinics *with the support by Drager, BBraun Medical, and Cardex)*

Moderator: Troshansky D.V.

1. Introduction.
2. Current trends of development of information technologies in anesthesiology and resuscitation. *Shvyrev S.L.*
3. CARDEX software as a means to automate data collection and documentation of processes in the departments of anesthesiology, resuscitation, and intensive care. *Vostryakov S.A.*
4. Experience using anesthesia e-card in the daily work of surgical ward. *Prokoshev P.V.*
5. The results of clinical testing of electronic anesthesia cards and therapeutic e-card in the Military Medical Academy named after S.M. Kirov. *Klimov A.G.*

6. Automated anesthesia and resuscitation card in the work of cardiac surgery department. *Dalinin V.V.*
7. Legal aspects of electronic documentation use in anaesthesiology and intensive care. *Zhbannikov P.S.*
8. Questions. Discussion.

12.00-14.00 Section. Psychology and professional risks

Chairpersons: Mazurok V.A. (St. Petersburg), Reshetova T.V. (St. Petersburg)

1. Psychological environment of the perioperative period. *Mazurok V.A.*
2. Prospects for increasing functional body reserves of anaesthetist doctors in case of shift work. *Shvetsky F.M., Potievskaya V.I.*
3. Anaesthetist in the commercial structure: clinical and psychological aspects. *Stepanova Ya.V.*
4. Self-treatment for doctors: self-help with emotional burnout in the conditions of social instability (psychological workshop). *Reshetova T.V.*

14.00-15.00 Lunch

15.00-16.25 Section. Anesthesia and intensive care in oncology

Chairpersons: Glushchenko V.A. (St. Petersburg), Gorobets E.S. (Moscow), Khoronenko V.E. (Moscow)

1. FAST-TRACK technologies in oncologic surgery. *Khoronenko V.E.*
2. Anesthetic support of oncological endolaryngeal interventions. *Balandin V.V., Gorobets E.S.*
3. Comparative evaluation of the recovery period after combined anesthesia with desflurane and sevoflurane in patients of onco-surgical profile. *Andreyenko A.A., Shapovalov N.S., Kuzik A.R., Khalikov A.D., Mordovin V.V., Korepanov A.N.*
4. Is it always necessary to perform postoperative mechanical lung ventilation after massive blood loss? *Tipisev D.A., Gorobets E.S., Gruzdev V.E., Anisimov M.A.*
5. Regional blockade in the prevention of post-pleurotomic pain in oncological lung surgery. *Khoronenko V.E., Malanova A.S.*

16.35-18.00 Section. Anesthesia in dentistry, maxillofacial surgery, and neurosurgery

Chairpersons: Gritsuk S.F. (Moscow), Zaytsev A.Yu. (Moscow), Lemeneva N.V. (Moscow), Stadler V.V. (Samara)

1. Blood saving technology in the practice of reconstructive maxillofacial surgery. *Dubrovin K.V.*
2. Specifics of STOPBANG questionnaire survey of patients at the hospital of otorhinolaryngology. *Ilyukevich G.V.*
3. Preventing hypertensive reaction in the first hours after rejuvenating facial surgery. *Kuz'min V.V.*

4. Specifics of the perioperational care for patients with revascularized auto-transplants migrated into the region of the head and neck. *Dobrodeev A.S., Malykhina I.F.*
5. Prognostic significance of MALLAMPATI scale in SAMSOON & YOUNG modification in children with operations in the nasal cavity and nasopharynx. *Ivlev E.V.*
6. The choice of local anesthetic as a component of a multimodal regional anesthesia protecting the patient during operations in orthognathic maxillofacial surgery. *Drobyshev A.Yu., Soboleva L.V.*
7. Attila's syndrome: nosebleeds after nasotracheal intubation. *Zaitsev A.Yu.*
8. Evaluation of the depth of anesthesia in surgical onco-laryngology. *Smirnov A.E., Lileyev D.V.*
9. Anesthetic management of the removal of juvenile nasopharyngeal angiofibromas. *Lubnin A.Yu., Nersesyan M.V.*

Galactica Hall 3

9.00-9.45 Lecture. Intensive therapy of pulmonary embolism. *Neimark M.I.*

10.00-11.50 Section. Organization of laboratory tests in ICU *Chairman: Moshkin A.V. (Moscow), Galstyan G.M. (Moscow)*

1. Growth ("tests at the therapy location") in lab diagnostics. *Moshkin A.V.*
2. Specifics of the organization of laboratory research in the express-lab as part of the ICU. *Galstyan G.M.*
3. Express-lab as part of the master lab: specifics of the organization of laboratory tests for the ICU. *Mochanova N.N.*
4. Analysis of clinical cases. New possibilities of the interpretations of results ("DELTA CHECK"). *Mochanova N.N., Zenina L.P., Dymova O.V.*

12.00-14.00 Section. Monitoring in anesthesiology and intensive care
Chairpersons: Axel'rod B.A. (Moscow), Subbotin V.V., (Moscow), Shlyk I.V. (St. Petersburg)

1. Provide recommendations for the minimum monitoring standards in anesthesia and intensive care. *Subbotin V.V.*
2. Disputes points of the standard. When is it necessary to begin to monitor the body temperature of the patient? *Axel'rod B.A., Gritsan A.I.*
3. Disputes points of the standard. Can anesthesiologist leave the operating room and intensive care ward at the time of anesthesia and intensive care? *Potievskaya V.I., Subbotin V.V.*
4. Discussion

14.00-15.00 Lunch

15.00-16.25 Satellite symposium. Postoperative patient controlled analgesia (*with the support by Vu Yung Medical*)

1. Patent controlled analgesia for acute postoperative pain. *Kyeong Tae Min (Korea)*
2. Ambulatory patient controlled analgesia. *Voloshin A.G.*

16.35-18.00 Section. Hypothermia and body temperature control

Chairpersons: Butrov A.V. (Moscow), Evdokimov E.A. (Moscow), Popugaev K.A. (Moscow)

1. Therapeutic hypothermia: opportunities and prospects. *Grigoriev V.V.*
2. Efficiency and safety of hypothermia in the critical care medicine. *Suryakhin V.S.*
3. Disturbances of cardiac and respiratory activity during hypothermia. *Konnov D.Yu.*
4. The evolution of therapeutic hypothermia in the XXI century. *Butrov A.V.*

Galactica Hall 4

9.00-9.45 Lecture. Pharmacoeconomics of the full parenteral nutrition. *Yagudina R.I.*

10.00-18.00 Course "Basics of pain treatment"

Chairpersons: Spasova A.P. (Petrozavodsk), Zaripova Z.A. (St. Petersburg)

September 20, 2016 (Tuesday)

Large concert hall

9.00-9.45 Lecture. New approach of management of anesthesia and resuscitation service quality. *Petrova M.V.*

10.00-11.50 Section. Anesthesia in cardio- and thoracal surgery

Chairpersons: Vyzhigina M.A. (Moscow), Yavorovsky A.G. (Moscow), Kirov M.Yu. (Arkhangelsk), V.V. Lomivorotov (Novosibirsk)

1. Anaesthetic tactics that reduce the patient's risk during cardiac surgery. *Yavorovsky A.G., Vyzhigina M.A.*
2. Continuous monitoring of lactate and glucose during combined cardiac surgery. *Len'kin P.I., Smyotkin A.A., Khussain A., Len'kin A.I., Kirov M.Yu.*
3. Perioperative period in heart transplantation from donors of 55 years of age or older. *Popov V.N., Spirina E.A., Ukhrenkov S.G., Aliyev E.Z., Pchel'nikov V.V., Kutuzov G.N.*
4. Early rehabilitation and activation in conditions of multiple organ failure after cardiac surgery: an algorithm of measures and performance evaluation. *Grigoriev E.V., Sergeyeva E.A., Krutitsky S.S., Antonova L.V., Plotnikov G.P.*
5. Prospects for clinical use of distant ischemic preconditioning in cardiac surgery: from the point of view of evidence-based medicine. *Bautin A.E.*

6. Myocardial dysfunction in case of sepsis, mechanisms of development and clinical approach. *Bayaliev A.Zh.*
7. The syndrome of bronchial obstruction and its impact on the clinical outcome in cardiac surgery: interim results of a prospective cohort study. *Ponomarev D.N., Kamenskaya O.V., Klinkova A.S., Lomivorotov V.V., Kornilov I.A.*
8. The possibility of using brevipblock in routine practice. *Subbotin V.V.*

12.00-14.00 Section. Anesthesia in cardiac and thoracic surgery *Chairpersons: Vyzhigina M.A. (Moscow), Yavorovsky A.G. (Moscow), Kirov M.Yu. (Arkhangelsk), V.V. Lomivorotov (Novosibirsk)*

1. Prevention of post-pleurotomy pain in open lung surgery in oncology. *Malanova A.S., Khoronenko V.E., Alexin A.A.*
2. Comparative evaluation of bronchus blocker EZ-BLOCKER and double-lumen endotracheal tube to provide one-lung ventilation in thoracic surgery. *Mitsukov D.G., Ishutin V.V., Schnaider V.A., Novokreshchennykh V.V., Smirnova V.A.*
3. Effects of preoperative administration of concentrated glucose during anesthesiological support of operations on the lungs. *Zhikharev V.A., Malyushev Yu.P.*
4. Experience in performing anesthesia during video-assisted thoracoscopic lobectomy using laryngeal airway and assisted ventilation of the lungs. *Zhikharev V.A., Malyushev Yu.P.*
5. Experience in the use of modern bronchial blockers in operations that require separate ventilation. *Gruzdev V.E., Gorobets E.S.*
6. Tactics of anesthetic and intensive care during lung transplantation in patients with primary pulmonary hypertension. *Poptsov V. N., Spirina E. A., Golovinsky S.V., Voronkov V. Yu.*
7. Integrated assessment of respiratory function and transcapillary lung fluid metabolism in patients with progressive tuberculosis before pneumonectomy. *Kovalev M.G., Kiryukhina L.D.*
8. Flow respiratory technology in thoracic surgery. *Vyzhigina M.A., Yavorovsky A.G.*

14.00-15.00 Lunch

15.00-16.30 Closing of XV Conference of FAR

Vecherny Cosmos Hall

9.00-9.45 Lecture. Sepsis through the eyes of cardioanesthesiologist. *Levit A.L.*

10.00-11.50 Section. Anaesthesia and intensive trauma therapy *Chairpersons: Polushin Yu.S. (St. Petersburg), Shchegolev A.V. (St. Petersburg), Gavrilin S.V. (St. Petersburg)*

1. Effect of blood transfusions on the course of traumatic disease. *Gavrilin S.V.*

2. Specifics of the intensive care for different types of severe combined trauma. *Marutyayn Z.G.*
3. Bacterial translocation in severe injury – the role of secretory immunoglobulin A in its diagnostics. *Aphanasiev A.A., Malyshev M.E.*
4. Prediction of intra- and postoperative complications in children and adults with severe traumatic brain injury. *Kolesnikov A.N., Gorodnik G.A., Kolesnikova A.G.*
5. The efficacy and safety of mixed artificial feeding in the acute period of severe combined trauma. *Shakot'ko A.P.*
6. Diagnostics and correction of hyperfibrinolysis syndrome with combined shock-producing accident injury. *Afonchikov V.S.*
7. Advanced methods of diagnosis of early traumatic coagulopathy. *Gritsay A.N.*

12.00-14.00 Section. Anesthesiology and intensive care in case of a burning injury
Chairpersons: Alekseyev A.A. (Moscow), Lekmanov A.U. (Moscow), Shlyk I.V. (St. Petersburg)

1. Intensive treatment for severely burned patients at the stages of evacuation. *Alekseyev A.A.*
2. The system of emergency surgical care for patients with a severe thermal injury. *Bogdanov S.B.*
3. A child with a severe thermal injury at a non-specialized hospital – what to do? *Lekmanov A.U., Azovsky D.K., Pilyutik S.F.*
4. Targeted therapy of burn shock. *Shlyk I.V.*
5. Diagnostics of burn sepsis. The present and the future. *Kulabukhov V.V., Kudryavtsev A.N., Kleuzovich A.A., Chizhov A.G., Demidova V.S.*
6. Enteric form of glutamine for the treatment and prevention of infections in severe burn injury. *Bagin V.A., Rudnov V.A., Astafieva M.N., Korobko I.A.*
7. Gastroduodenal hemorrhage in patients with severe thermal injury: pathogenesis, prevention, treatment. *Vagner D.O.*

Saturn Hall

9.00-9.45 Lecture. TRALI syndrome: the state of the problem. *Gritsan A.I.*

10.00-11.50 Section. Anesthesia of high-risk patients

Chairpersons: Lebedinsky K.M. (St. Petersburg), Zabolotskikh I.B. (Krasnodar), Grigoriev V.V. (Kemerovo), Kokhno V.N. (Novosibirsk)

1. Who are high-risk PATIENTS? *Zabolotskikh I.B.*
2. The diversity of high risk: are there any general rules? *Lebedinsky K.M.*
3. The principles of preoperative examination and tactics of anesthesia for liver resection interventions in high-risk patients. *Golovkin A.S.*
4. The first experience in using the new European guidelines for perioperative management of patients with concomitant cardiovascular disease in non-cardiac surgery. *Mitsukov D.G., Ishutin V.V., Schnaider V.A., Novokreshchennykh V.V., Smirnova V.A.*

5. The specifics of perioperative management of patients with a high cardiovascular risk in spinal neurosurgical interventions. *Solenkova A.V., Lubnin A.Yu., Sel'kov D.A., Konovalov N.A.*
6. The specifics of anesthesia in video endoscopic adrenalectomy for pheochromocytoma. *Neimark M.I., Bulganin A.A., Shonin Yu.A., Popov V.A., Khabarov S.V.*

12.00-14.00 Section. Anesthesia of high-risk patients

Chairpersons: Kuz'kov V.V. (Arkhangelsk), Kozlov S.P. (Moscow), Gritsan A.I. (Krasnoyarsk), Nikolayenko E.M. (Moscow)

1. What the introduction of sugammadex into clinical practice has given to an anesthesiologist. *Nikolayenko E.M.*
2. Optimization of the technique of perioperative muscle relaxation in laparoscopic interventions. *Kurenkov D.A., Volodin I.A., Chizhevskaya S.Yu., Nikolayenko E.M.*
3. Sugammadex in the reversal of neuromuscular blockade caused by pipekuroniya bromide. *Korol'kov O.Yu., Gritsan G.V., Lyubchenko A. A.*
4. Modern principles of perioperative management of patients with life-threatening arrhythmias. *Potievskaya V.I.*
5. The risk of acute kidney disorders in acute colonic obstruction. *Stakanov A.V., Mikutin A.V., Muronov A.E. Musayeva T.S., Zhenilo V.M.*
6. The sensitivity of peripheral chemoreflex in the preoperative evaluation of high-risk patients. *Trembach N.V., Zabolotskikh I.B.*
7. Prevention of respiratory disorders and monitoring of gas exchange in the early postoperative period. *Nikolayenko E.M.*

Neptun Hall

9.00-9.45 Lecture. Prevention of respiratory disorders and monitoring of gaseous exchange. *Nikolayenko E.M.*

10.00-11.50 Satellite symposium. Keeping blood in surgeries with a high risk of blood loss (*supported by Stada*)

Chairpersons: Rybka M.M., Yavorovsky A.G., Trekova N.A., Kupryashov A.A.

1. Fibrinolysis during heart surgeries. Clinical significance and laboratory diagnostics. *Rybka M.M.*
2. The effectiveness of systemic and topical antifibrinolytics during open heart surgeries. *Yavorovsky A.G.*
3. Blood saving methods in cardioanesthesiology. *Trekova N.A.*
4. Transfuse or not to transfuse blood – that is the question, or the epidemic continues. *Kupryashov A.A.*

Jupiter Hall

9.00-9.45 Lecture. Mistake in anaesthesiologic practice. *Krasnov V.G.*

10.00-14.00 Section. Professional preparation and improvement of doctor personnel
Chairpersons: Bunyatyan A.A., Vyzhigina M.A., Polushin Yu.S., Shikh E.V., Yavorovsky A.G.

1. Pilot projects for CME technology implementation into practice. *Shikh Ye.V., Rykova S.M.*
2. Accreditation of professionals in the life sciences and pharmaceutical industry. *Sizova Zh.M.*
3. The structure of anaesthetist specialists training in the Russian Federation: prospects. *Molchanov I.V.*
4. Continuous medical education. Origins, present, and future. Pilot project. *Bunyatyan A.A., Vyzhigina M.A., Yavorovsky A.G.*
5. Employment problems. How to solve them in the regions. *Sadchikov D.V.*
6. Problems of anesthesiology teaching at the undergraduate stage of training in medical school. *Sviridov S.V., Butrov A.V., Ovechkin A.M.*
7. Committee for European Education in Anaesthesiology (CEEA): 11 years in Russia. *Lebedinsky K.M.*
8. The possibilities and limitations of the use of simulation technologies. *Polushin Yu.S., Zaripova Z.A.*
9. Training the intensivists with the use of modern educational technologies: experience and perspectives. *Gritsan A.I.*
10. Experience of teaching the intensive care in residency: a team of teachers and young doctors. Classes with foreign residents. *Bayaliyeva A.Zh.*
11. Simulation training techniques in the training for emergency assistance in perinatal centers. *Pyregov A.V.*
12. Ultrasound in anesthesiology and intensive care. *Lakhin R.E.*

Summarizing. Presentation of certificates. Closing CEEA cycle. *Bunyatyan A.A., Yavorovsky A.G., Vyzhigina M.A.*

Galactica Hall 1+2

9.00-9.45 Lecture. Surfactant therapy in complex treatment. *Rosenberg O.A.*

10.00-11.50 Section. Toxicology

Chairpersons: Ostapenko Yu.N. (Moscow), Livanov G.A. (St. Petersburg), Lodyagin A.N. (St. Petersburg), Batotsyrenov B.V. (St. Petersburg), Popova E.A. (Krasnoyarsk)

1. Acute poisoning in Russia: problems and solutions. *Ostapenko Yu.N., Buzanov D.V., Antonov V.G.*
2. Toxic hypoxic brain damage in patients with severe acute poisoning with methadone. *Lodyagin A.N.*
3. The pathogenesis, clinical presentation and intensive care of severe acute poisoning with thallium salts. *Livanov G.A.*

4. Current hepatoprotection in treatment of alcoholic encephalopathy and alcoholic hepatitis. *Akalayev R.N.*
5. Metabolic therapy in severe toxic hypoxic brain lesions. *Glushkov S.I.*

12.00-14.00 Section. Toxicology

Chairpersons: Ostapenko Yu.N. (Moscow), Livanov G.A. (St. Petersburg), Lodyagin A.N. (St. Petersburg), Batotsyrenov B.V. (St. Petersburg), Popova E.A. (Krasnoyarsk)

1. The clinical course of acute poisoning with ethanol in adults and children in a comparative perspective. *Sukhodolova G.N.*
2. Chronic alcoholic pathology as a background factor in the clinical course of acute severe poisoning with ethanol. *Batotsyrenov B.V.*
3. The use of inhalation sedation with Anaconda in patients with poisoning with psychodysleptics. *Popova Ye.A.*
4. Exotoxic shock in acute poisoning with acetic acid. The tactics of intensive care at the hospital stage. *Stopnitskiy A.A.*

Galactica Hall 4

9.00-9.45 Lecture. Therapeutic hypothermia – method of preventive treatment of multiorgan failure. *Grigoryev E.V.*

10.00-11.50 Section. Interventional treatment of chronic pain

Chairpersons: Timerbayev V.Kh. (Moscow), Portnyagin I.V. (Saint-Petersburg)

1. The role of the Federation of anesthesiologists in the development of chronic pain treatment. *Juan Perez Cajaraville (Spain)*
2. Clinical picture of treatment of pain in the municipal hospital. First results. *Timerbayev V.Kh.*
3. Organization of anesthetic services to patients with chronic pain. *Zagorul'ko O.I., Gnezdilov A.V.*
4. Current views on the mechanism of action of pulsed radiofrequency ablation. *Portnyagin I.V.*
5. Radiofrequency ablation in the treatment of cancer pain. *Voloshin A.G.*
6. Chronic pain interventional treatment and depression. *Glebov M.V.*

12.00-14.00 Section. Interventional treatment of chronic pain

Chairpersons: Timerbayev V.Kh. (Moscow), Portnyagin I.V. (Saint-Petersburg)

1. Place of interventional methods in the treatment of postherpetic neuralgia. *Smirnova N.V.*
2. Neuropathic pain – can non-invasive treatment be an effective? *Uvarov D.N.*
3. Denervation of sacroiliac joint. *Antipin E.E.*
4. Chronic pelvic pain. The role, place, and opportunities of pain medicine. *Kukhno D.V.*

5. An interdisciplinary approach to the treatment of severe pain syndromes. *Isagulyan E.D.*
6. Long-term intrathecal opioid therapy of chronic pain syndromes with the use of programmable implantable devices. *Kirsanova O.N.*