Program
5 September, 2018

07:30 – 09:30 – Registration. Participants receive equipment for simultaneous translation (infrared receiver with earphone)

09:30–10:05- Opening of the III Congress of ROAIA, greetings.

PLENARY SESSION

«Maternal mortality and morbidity: multidisciplinary approach»

Goals and educational need:
Reduction of maternal morbidity and mortality rates through the improvement of existing and new competencies required for professional activities, and professional development within the existing skills in the provision of emergency care in obstetrics by specialists of various profiles.

Expected learning outcomes:
As a result of the participation, doctors improve existing and acquire new competencies in assessing the causes of maternal mortality, diagnosis and intensive care in critical conditions in obstetrics, analyze and prevent potential complications, determine the best methods of anesthetic care in patients of obstetric profile of high-risk group.

Moderators: Efim Shifman, Oleg Filippov, Nuala Lucas, Alexander Kulikov

10:05-10:30– The report «Maternal mortality in the Russian Federation» - introduces participants to the state of the problem of maternal mortality in Russia. The ways of interaction of obstetricians-gynecologists and anesthesiologists-resuscitators in the implementation of reducing maternal morbidity and mortality, the role of clinical guidelines in improving the provision of emergency medical care in obstetrics are discussed. (25 minutes)

Speaker Oleg Philippov - PhD. Professor. Deputy Director, Department of medical care for children and obstetrical care service, Ministry of healthcare of the Russian Federation. (Russia)

10:30-10:55 – The report «Defining urgency of caesarean delivery» - introduces participants to the problem of timely execution of cesarean section in various critical conditions. The modern classification of the urgency of cesarean section and the choice of the optimal method of anesthetic benefits for the prevention of complications is presented. (25 minutes)
10:55-11:20 – The report «State of the art of regional anesthesia for labor pain relief» - introduces participants to the state of the problem of anesthesia of childbirth and the role of regional anesthesia (epidural, spinal, combined spinal-epidural). Indications and contraindications, methods of implementation, drugs for anesthesia of childbirth, prevention and treatment of complications are discussed. (25 minutes)

Speaker Dan Benhamou – PhD. Professor. Director of the Anesthesia Laboratory of the Paris Sud Medical School, Professor Department of Anaesthesia and Intensive Care Medicine, Hôpital Bicêtre, Chair of the Simulation Center, Paris Sud Medical School. President of French Society of Simulation in Healthcare (SOFRASIMS). President of French Society dedicated to quality and safety in healthcare (IQS). Past President of French scientific Society of Anesthesia and Intensive Care (SFAR). Ex-President of French scientific Society of Anesthesia and Intensive Care (SFAR). (France)

11:20-11:45 – The report «CSE/spinal for elective C-section» - introduces participants to the technique of combined spinal-epidural and spinal anesthesia for cesarean section. The positive and negative aspects of each method of anesthetic benefit are presented, which will allow students to optimize the choice of anesthesia method in each case. (25 minutes)

Speaker Marcel Vercauteren - PhD. Professor. Emeritus Professor and consultant of the Multidisciplinary Pain Center of the Antwerp University Hospital. (Belgium)

11:45-12:10 – The report «Optimizing multidisciplinary teamwork» - introduces participants to the work of the multidisciplinary team (obstetrician-gynecologist, anesthesiologist-resuscitator, surgeon, transfusologist) in the operating room and intensive care unit in critical situations in obstetrics. The questions of interaction of various specialists to improve the quality of medical care for patients of obstetric profile are considered. (25 minutes)

Speaker Lawrence C. Tsen - MD. Associate Professor in Anaesthesia, Harvard Medical School, Senior Faculty in the Department of Anesthesiology, Perioperative, and Pain Medicine, Brigham & Women’s Hospital. President for the Society for Obstetric Anesthesia and Perinatology and Editor-in-Chief for the International Journal of Obstetric Anesthesia. (USA)

12:10-12:30 – Questions & answers
12:30-12:50 – Discussion
12:50-13:35 – Lunch

Section Session
«OBSTETRIC CRISES 1»
Goals and educational need:

Reduction of maternal morbidity and mortality rates through the improvement of existing and new competencies required for professional activities, and professional development within the framework of existing skills in addressing safety issues in critical conditions in obstetrics.

Expected learning outcomes:

As a result of participation, doctors will improve existing knowledge and receive new ones in resolving safety problems in critical conditions in obstetrics. Doctors are introduced to the modern legal acts regulating the activities of an obstetrician-gynecologist and anesthesiologist-resuscitator, determine the most safe and effective method of anesthetic benefits and intensive care program in patients of obstetric profile of high risk. Doctors will be able to analyze, prevent and eliminate errors and complications that arise in the provision of emergency care in obstetrics.

Moderators: Denis Protsenko, Sergey Yakovlev, Marc Van de Velde

13:35-13:55 – The report «Reducing maternal mortality – lessons from international databases» - introduces participants to the problem of reducing maternal mortality through the analysis of international databases. This approach makes it possible to analyze ways to reduce maternal mortality, depending on the regional conditions of each country, the level of medical care and the organization of resuscitation and anesthesiological service in obstetrics. The analysis of international databases provides an opportunity to choose the best option for each country to reduce maternal mortality. (20 minutes)

Speaker Nuala Lucas - Consultant Anaesthetist, Northwick Park Hospital, Harrow, Middlesex UK. Honorary Secretary of the Obstetric Anaesthetists’ Association & Chair of the Education Subcommittee. Editorial Board International Journal of Obstetric Anesthesia (IJOA) Anaesthetic Co-lead, MBRRACE-UK, the maternal confidential death enquiries in the UK. (Great Britain)

13:55-14:25 – The report «Diagnosis and General principles of treatment of severe infections in the ICU. Supporting therapy of sepsis» - introduces participants to the problem of etiology, diagnosis, prevention and treatment of severe infections in intensive care units. The ways of infection transmission, factors of development of severe forms of infectious process are considered. Modern methods of intensive (maintenance) therapy of sepsis are presented. (30 minutes)

Speaker Denis Protsenko - MD. Associate Professor of the Department of Anesthesiology and Resuscitation Pirogov Russian National Research Medical University, Head of the State clinical hospital n.a. S. S. Yudin, Supernumerary Chief anesthesiologist and resuscitator of the Department of healthcare of Moscow. (Russia)

14:25-14:55 - The report «Infectious complications in the intensive care unit: time for paradigm shift» - introduces the problem of infectious complications in the intensive care unit, etiological factors, the problem of diagnosis, prevention and treatment of nosocomial infection at the present stage. The optimal schemes of antibacterial prevention and treatment of infectious complications in ICU are considered. (30 minutes)

Speaker Sergey Yakovlev - PhD. Professor of the №2 Department of hospital therapy of the First Moscow State Medical University n.a. I.M. Sechenov, Ministry of healthcare of the Russian
14:55-15:15 – The report «Sepsis in obstetrics» - introduces participants to the contemporary definitions of sepsis in obstetrics, risk factors for infectious complications, diagnostic features (scale qSOFA, SOS and SOFA) and treatment (sanation of the focus of infection). New algorithms of treatment of hemodynamic and volemic disorders, rational combinations of the use of drugs with positive inotropic and vasotropic effects will also be presented. A section on the criteria of quality of medical care in sepsis and septic shock in obstetrics is singled out. (20 minutes)

Speaker Alexander Kulikov - PhD. Professor. Vice-President of the Russian Obstetrical Anaesthesiologists and Intensivists Association, Professor, Department of Anaesthesiology Intensive care and Transfusiology of the «Ural State Medical University» of Ministry of healthcare of the Russian Federation, member of the Board of the Federation of Anesthesiologists and Resuscitators (FAR), the Chairman of FAR Committee of issues of anesthesia and intensive therapy in obstetrics and gynecology, member of the Editorial Board of the journal «Anesthesiology and reanimatology». (Russia)

15:15-15:35 – The report «The top 10 publications of the last 5 years that changed my practice» - introduces participants to the latest publications on anesthesia and intensive care in obstetrics. The issues of various new technologies of neuroaxial anesthesia, the use of noradrenaline as a vasopressor and colloids in arterial hypotension during cesarean section, the use of rocuronium, the problem of difficult airways, diagnosis and prevention of subdural and epidural hematomas are covered. (20 minutes)

Speaker Marc Van de Velde - PhD. Professor. Head of the Department Anesthesiology at the Catholic University Leuven and Full Professor at the Leuven University Hospitals. Vice-President of the Belgian Society of Anesthesia and Reanimation (BSAR). (Belgium)

15:35-15:55 – Questions & answers
15:55-16:15 – Discussion
16:15-16:35 – Break (tour of the exhibition)

Section Session
«HOT TOPIC»

Goals and educational need:
Reduction of maternal morbidity and mortality due to the improvement of existing and obtaining new competencies necessary for professional activities, and professional development within the existing skills in the prevention of complications of anesthesia in obstetrics.

Expected learning outcomes:
As a result of participation physicians improve existing and acquire new competencies on the assessment of the causes of arterial hypotension during neuroaxial anesthesia, diagnosis and prevention of this complication, identify the optimal methods of correction of arterial hypotension.

Moderator: Alexander Kulikov
16:35-17:05 – The report «Management of spinal hypotension for cesarean delivery–international consensus recommendations» - introduces the problem of arterial hypotension during neuroaxial methods of anesthesia during cesarean section. The questions of etiology, pathogenesis, influence of the state of women and fetus, methods of prevention and correction of this complication on the basis of modern guidelines and consensus 2017 (30 minutes)

Speaker Alexander Ronenson - Head of the Department of Anesthesiology and Resuscitation, Regional clinical perinatal center n.a. E.M. Bakunina of the Tver region, scientific editor of the online journal Obstetric Anesthesia Digest. (Russia)

17:05-17:15 – Questions & answers
17:15-17:25 – Discussion

6 September, 2018

07:30 – 09:00 – Registration. Participants receive equipment for simultaneous translation (infrared receiver with earphone)

Section Session

«ANAESTHESIA FOR CESAREAN DELIVERY»

Goals and educational need:

Reduction of maternal morbidity and mortality rates through the improvement of existing and new competencies required for professional activities, and professional development within the existing qualifications in the anesthesiological benefit in obstetrics.

Expected learning outcomes:

As a result of the participation, doctors improve existing and acquire new competencies in conducting anesthetic benefits in obstetrics, analyze and prevent potential complications, determine the best methods of anesthetic benefits in obstetric patients of high-risk group.

Moderators: Efim Shifman, Marc Van de Velde, Alexander Kulikov

09:00-09:20 – The report «General Anesthesia for caesarean delivery: towards a new and modern technique» - introduces participants to the problem of general anesthesia in obstetrics, indications, drugs for anesthesia, myoplegia. Special attention is paid to the safety of general anesthesia for women and the fetus, the problem of difficult airways and aspiration syndrome, their prevention and correction. (20 minutes)

Speaker Marc Van de Velde - PhD. Professor. Head of the Department Anesthesiology at the Catholic University Leuven and Full Professor at the Leuven University Hospitals. Vice-President of the Belgian Society of Anesthesia and Reanimation (BSAR). (Belgium)

09:20-09:40 – The report «Anesthesia for emergency delivery» - introduces participants to the issues of anesthetic benefits for emergency delivery, assessment of risk factors for difficult intubation of the trachea, the risk of aspiration syndrome. The choice of the optimal method of anesthesia (general,
neuroaxial) for emergency delivery, indications, contraindications to each method, prevention of potential complications is considered. (20 minutes)

Speaker Jyotsna Punj - PhD. Professor. Full Professor of Anesthesiology and Critical Care, All India Institute of Medical Sciences, New Delhi. (India)

09:40-10:00 – The report «Postdural puncture headache» - introduces participants to the problem of post-functional headaches after neuroaxial methods of anesthesia. The questions of differential diagnostics of headaches are covered. The etiology, pathogenesis, methods of prevention and treatment of post-dural puncture headaches are considered. (20 minutes)

Speaker Alexander Ioscovich – MD. Chairman of the Israeli society of Obstetric Anesthesia, senior lecturer at the Jewish University. (Israel)

10:00-10:20 – The report «Gastric ultrasound for the anesthetists» - introduces the problem of prevention of aspiration syndrome, namely the assessment of such a risk factor as "full stomach" by ultrasound examination of residual contents in the stomach. The technology of this study, indications and information for anesthesiologist-resuscitator are considered. (20 minutes)

Speaker Bulat Tuyakov - Consultant-anesthetist WSS Hospital in the Olsztyn, Collegium MedicumWarmia and Mazury University. Chair of Warmia and Mazury Ward Polish Society of Anesthesiology and Intensive Care. (Poland)

10:20-10:40 – The report «Cognitive dysfunction in patients after caesarean delivery» - gives doctors an idea of such a complication of surgery and anesthesia as postoperative cognitive dysfunction. The questions of etiology, pathogenesis, prevention and correction of this unintended lesion of the central nervous system are considered. The features of the development of postoperative cognitive dysfunction in obstetrics, the influence of drugs for anesthesia on the developing brain of the fetus are discussed. (20 minutes)

Speaker Alexey Ovezov - PhD. Professor. Head of the Department of Anesthesiology and Resuscitation, Moscow Regional Research and Clinical Institute n.a. M.F. Vladimirskiy, chief anesthesiologist and resuscitator, Ministry of healthcare of the Moscow region, Chairman of the Moscow regional Department of Federation of Anesthesiologists and Resuscitators (FAR) (MONPOAR). (Russia)

10:40-11:00 – Questions & answers

11:00-11:20 – Discussion

11:20-11:40 – Break (tour of the exhibition)

Section Session

«LABOUR ANALGESIA»

Goals and educational need:
Reduction of maternal morbidity and mortality due to the improvement of existing and obtaining new competencies necessary for professional activities, and professional development within the existing skills in the conduct of anesthesia of childbirth.

**Expected learning outcomes:**

As a result of participation, doctors improve existing and obtain new competencies in assessing risk factors, indications, contraindications for various options for anesthesia of childbirth, analyze and prevent potential complications, determine the best methods of anesthesia of childbirth in various clinical situations.

**Moderators:** Efim Shifman, Alexander Kulikov, Kerry Litchfield

11:40-12:00 – The report «Labour analgesia – regional techniques» - introduces participants to the problem of labor pain management methods of regional analgesia (epidural, spinal, combined spinal-epidural) and their modifications. Indications, contraindications, technology and prevention of potential complications of regional anesthesia are considered. (20 minutes)

Speaker Kerry Litchfield - Consultant Anesthetist Glasgow, OAA Honorary Secretary, Chair OAA Information for mothers subcommittee. (Great Britain)

12:00-12:20 – The report «US and regional anaesthesia (spinal imaging and abdominal wall blocks)» - introduces participants to modern methods of identification of epidural and subarachnoid spaces with ultrasonic navigation, reducing the frequency of complications such as puncture of the Dura mater and unsuccessful puncture of the epidural space. The technology of ultrasonic navigation in obstetrics is considered. (20 minutes)

Speaker Bulat Tuyakov - Consultant-anesthetist WSS Hospital in the Olsztyn, Collegium MedicumWarmia and Mazury University. Chair of Warmia and Mazury Ward Polish Society of Anesthesiology and Intensive Care. (Poland)

12:20-12:40 – The report «Using salivary amylase to predict anaesthetic and obstetric complications – is it helpful?» - introduces participants to one of the new methods of assessing the condition of high-risk patients - the study of saliva amylase level in critical conditions. The data about the diagnostic possibilities of this method of its informational content and relevance to practitioners are given. (20 minutes)

Speaker Evgeny Degtyarev - Anesthesiologist of the highest category of Amur regional perinatal center, Department of Anesthesiology and Resuscitation at the Obstetrical part, post-graduate student of the Department of Obstetrics and Gynecology, Amur State Medical Academy of Ministry of healthcare of Russian Federation. (Russia)

12:40-13:00 – The report «Postpartum depression: is there a relationship with anesthesia and analgesia?» - introduces participants to the problem of postpartum depression, its etiology, pathogenesis, methods of detection, prevention and correction. The relationship between the development of postpartum depression and the methods of anesthetic benefits in childbirth and cesarean section, the effect of drugs for anesthesia on the development of this complication is estimated. (20 minutes)
Speaker Oksana Ryazanova - MD. Associate Professor and head of the Department of Anesthesiology, Intensive care for pregnant women, women in childbirth and puerperant, St. Petersburg State Pediatric Medical University, Ministry of healthcare of the Russian Federation. (Russia)

13:00-13:20 – Questions & answers
13:20-13:40 – Discussion
13:40-14:20 – Lunch

Section Session
«Anesthesia and analgesia in obstetrics»

Goals and educational need:
Reduction of maternal morbidity and mortality rates through the improvement of existing and new competencies required for professional activities, and professional development within the existing skills in anesthesia and analgesia in obstetrics.

Expected learning outcomes:
As a result of participation, doctors improve existing and receive new competencies in assessing risk factors, indications, contraindications for various options of anesthesia and analgesia in obstetrics, analyze and prevent potential complications, determine the best methods of anesthesia and analgesia in various clinical situations.

Moderators: Efim Shifman, Felicity Plaat

14:20-14:40 – The report «Postpartum neurological problems» - introduces participants to the problem of severe complications of the postpartum period – neurological disorders. Reviewed the etiology, the relationship with performed by means of neuroaxial anesthesia, diagnosis and options for prevention and treatment. Methods of intensive therapy of neurological disorders in the postpartum period are discussed. (20 minutes)

Speaker Marcel Vercauteren - PhD. Professor. Emeritus Professor and consultant of the Multidisciplinary Pain Center of the Antwerp University Hospital. (Belgium)

14:40-15:00 – The report «Avoiding complaints and litigation?» - introduces participants to the problem of the relationship of obstetricians-gynecologists and anaesthesiologists-resuscitators with the patient and her representatives. Options for the prevention of complaints and litigation based on ethics and law. (20 minutes)

Speaker Felicity Plaat -MD. Consultant anaesthetist at Queen Charlotte’s Hospital - part of Imperial College Healthcare NHS Trust in London. President of the Obstetric Anaesthetists’ Association (OAA). Member of the Editorial board of the International Journal of Obstetric Anaesthesia (IJOA). (Great Britain)
15:00-15:20 – The report «Clinical pharmacology of tocolytic drugs. Characteristics of undesirable effects» - introduces doctors to modern data on clinical therapy of tocolytic drugs. Discusses the complications of the cardiovascular system in the uncontrolled usage of beta-agonists for acute and chronic tocolysis and the interaction of anesthetic and tocolytic drugs during anesthesia. (20 minutes)

Speaker Efim Schifman - PhD. Professor. President of the Russian Obstetrical Anaesthesiologists and Intensivists Association, Professor, Department of Anesthesiology and Intensive care, Moscow Regional Research and Clinical Institute (MONIKI) n.a. M.F. Vladimirskiy, Honored doctor of the Republic of Karelia, expert in anesthesiology and resuscitation of the Federal health supervision service, member of the Presidium of the Federation of Anesthesiologists and Resuscitators (FAR), member of the Editorial Board of the journal «Anesthesiology and resuscitation». (Russia)

15:20-15:40 – The report «Managing the obstetric airway» - is devoted to the actual problem of obstetric anesthesiology - difficult airways. Participants are introduced to the methods of evaluation and classification of difficult airways, methods of prevention of difficult intubation of the trachea. The modern algorithm for difficult intubation of the trachea, the method of ensuring airway patency in a planned and emergency situation, maintenance is considered. (20 minutes)

Speaker Alexander Ronenson - Head of the Department of Anesthesiology and Resuscitation, Regional clinical perinatal center n.a. E.M. Bakunina Tver region, scientific editor of the online journal Obstetric Anesthesia Digest. (Russia)

15:40-16:00 – The report «Inhalation methods of analgesia in childbirth» is devoted to the issues of pain relief in labor with the use of inhalation anesthetics. The indications, contraindications, the effect of inhalation anesthetics on the condition of the woman and the fetus, the course of childbirth are considered. The issues of prevention of potential complications of inhalation analgesia of childbirth are discussed. (20 minutes)

Speaker Ekaterina Upryamova - MD. Leading scientific employee in the Department of Anesthesiology and Critical care in Moscow Region Scientific Research Institute of Obstetrics and Gynecology(MONIAG). (Russia)

16:00-16:20 – The report «Epidural analgesia of childbirth through natural birth canal in women with uterine scar: dangerous, possible or necessary?» - is devoted to the actual problem of vaginal childbirth analgesia in women with a scar on the uterus. The urgency of this problem is presented. On the basis of our own research and literature data, the necessity of anesthesia of childbirth through the natural birth canal in women with uterine scar is justified. The technique of epidural analgesia in women with uterine scar is proposed, its effectiveness and safety is proved. (20 minutes)

Speaker Konstantin Bozhenkov – MD, Chief in the Department of Anesthesiology and Resuscitation in Obstetrical part of the Clinical hospital №1 in city of Smolensk. (Russia)

16:20-16:40 – Questions& answers

16:40-17:00 – Discussion
7 September, 2018

07:30 – 08:30 – Registration. Participants receive equipment for simultaneous translation (infrared receiver with earphone).

Section Session

«OBSTETRIC CRISES 2»

Goals and educational need:

Reduction of maternal morbidity and mortality rates through the improvement of existing and new competencies required for professional activities, and professional development within the framework of existing skills in addressing safety issues in critical conditions in obstetrics.

Expected learning outcomes:

As a result of the participation, doctors will improve existing and acquire new competencies in resolving safety problems in critical conditions in obstetrics. Doctors are introduced to the modern legal acts regulating the activities of an obstetrician-gynecologist and anesthesiologist-resuscitator, determine the most safe and effective method of anesthetic benefits and intensive care program in patients of obstetric profile of high risk. Doctors will be able to analyze, prevent and eliminate errors and complications that arise in the provision of emergency care in obstetrics.

Moderators: Efim Shifman, Robin Russel, Kulikov Alexander

08:30-08:50 – The report «Pre-eclampsia & HELLP Syndrome» - introduces participants to modern ideas about the pathogenesis of preeclampsia and HELLP-syndrome, timely diagnosis and choice of time and method of delivery. The questions of anesthetic aid in preeclampsia and HELLP-syndrome, methods of intensive care and prevention of complications are considered. (20 minutes)

Speaker Robin Russell – MD. Consultant anaesthetist at the John Radcliffe Hospital in Oxford. Elected member of the Obstetric Anaesthetists’ Association (OAA) Executive Committee. (Great Britain)

08:50-09:20 – The report «The many faces of thrombotic microangiopathy in obstetric practice. How not to waste time?» - present the participants with modern ideas about the etiology and pathogenesis of thrombotic microangiopathy in obstetrics. Participants will learn how to diagnose darkness and ITS forms in pregnant women and women in critical condition, to obtain laboratory confirmation of the diagnosis and to prescribe etiopathogenetic treatment. (30 minutes)

Speaker Efim Shifman - PhD. Professor. President of the Russian Obstetrical Anesthesiologists and Intensivists Association, Department of Anesthesiology and Intensive care, Moscow Regional Research and Clinical Institute (MONIKI) n.a. M.F. Vladimirskiy, Honored doctor of the Republic of Karelia, expert in anesthesiology and resuscitation of the Federal health supervision service, member of the Presidium of the Federation of Anesthesiologists and Resuscitators(FAR), member of the Editorial Board of the journal «Anesthesiology and resuscitation». (Russia)
09:20-09:40 - The report «Clinical case of cardiac lesion in a woman with atypical hemolytic-uremic syndrome» - introduces the description of the case of development of atypical hemolytic-uremic syndrome with heart damage. The questions of etiology and pathogenesis of AGUS in obstetrics, options for the development of multi-organ failure, modern methods of intensive care. (30 minutes)

Speaker Andrey Yakubov - Head of the Department of Anesthesiology and Resuscitation for adults, hospital of Federal specialized perinatal center (FSPC) National Medical Research Center n.a. V. A. Almazov Ministry of healthcare of the Russian Federation, Junior member of the teaching stuff, Department Anesthesiology and Resuscitation, Institute of education, National Medical Research Center n.a. V. A. Almazov. (Russia)

09:40-10:00 – The report «Maternal collapse» - introduces students to the problem of damage to the cardiovascular system in obstetrics. The questions of heart damage during pregnancy, etiology, pathogenesis and the possibility of diagnosis and evaluation of the severity of hemodynamic disorders are considered. The methods of treatment of cardiovascular system damage during pregnancy, childbirth and in the postpartum period are discussed. (20 minutes)

Speaker Jyotsna Punj- PhD. Professor. Full Professor of Anesthesiology and Critical Care, All India Institute of Medical Sciences, New Delhi. (India)

10:00-10:20 – The report «VTE complications in obstetrics» - informs the audience about the problem of venous thromboembolic complications in obstetrics, assessment of risk factors for VTE, possible options for prevention during pregnancy, childbirth and the postpartum period. The diagnosis and intensive therapy of pulmonary embolism and deep vein thrombosis of the lower extremities, especially the use of anticoagulants in obstetrics are considered. (20 minutes)

Speaker Alla Drobinskaya - MD. Associate Professor. Department of Anesthesiology and Resuscitation of Zelman V. L. Institute of medicine and of psychology of Novosibirsk national research state University (NSU), Deputy chief physician by medical part, City clinical hospital №1, supernumerary Chief anesthesiologist and resuscitator in obstetrics of the Ministry of healthcare of the Novosibirsk region, honored doctor of the Russian Federation. (Russia)

10:20-10:40 – Questions & answers

10:40-11:00 – Discussion

11:00-11:20 – Break (tour of the exhibition)

**Section Session**

«Massive postpartum bleeding»

**Goals and educational need:**

Reduction of maternal morbidity and mortality rates through the improvement of existing and new competencies required for professional activities, and professional development within the existing skills in emergency care with massive blood loss in obstetrics.
Expected learning outcomes:
As a result of participation, doctors will improve existing and obtain new competencies in risk factors assessment, diagnosis and intensive care in massive obstetric bleeding. They will be able to analyze and prevent potential complications (shock, DIC-syndrome, etc.), determine the optimal methods of anesthetic benefits in patients with obstetric profile of high-risk group for the development of bleeding and choose the optimal tactics of infusion-transfusion therapy.

Moderators: Sergey Barinov, Alexander Ioskovich, Lawrence C. Tsen

11:20-11:40 – The report «Managing of postpartum haemorrhage – obstetric strategies» - considering the issues of anesthesia and perioperative support during massive obstetric hemorrhage. The problem of choosing the method of anesthesia for massive obstetric bleeding, diagnosis of hemostatic disorders and intensive care in hemorrhagic shock in obstetrics is discussed. (20 minutes)

Speaker Alexander Ioskovich – MD. Chairman of the Israeli society of Obstetric Anesthesia, senior lecturer at the Jewish University. (Israel)

11:40-12:00 – The report «Managing of postpartum haemorrhage – anesthetic strategies» - introduces participants to the tactics of an obstetrician-gynecologist with massive obstetric bleeding, the choice of prevention method, time and method of delivery. The question of obstetric tactics in cases of placental attachment abnormalities, methods of surgical treatment of placental ingrowth, problems of organ-preserving tactics and interdisciplinary interaction is considered. (20 minutes)

Speaker Sergey Barinov - PhD. Professor. Head of the Department of Obstetrics and Gynecology, № 2 Omsk State Medical Academy of the Ministry of healthcare of the Russian Federation, supernumerary chief obstetrician and gynecologist of the Ministry of healthcare of the Omsk region, supernumerary expert of the territorial administration of the Omsk region. (Russia)

12:00-12:20 – The report «Oxytocin and other uterotonic agents for cesarean delivery: drug optimization» - introduces students to the features of the usage of uterotonics (oxytocin, methylergometrine, misoprostol) during cesarean section, indications, doses, contraindications and potential side effects. The prevention of undesirable effects of uterotonics during cesarean section is considered. (20 minutes)

Speaker Lawrence C. Tsen - MD. Associate Professor in Anaesthesia, Harvard Medical School, Senior Faculty in the Department of Anesthesiology, Perioperative, and Pain Medicine, Brigham & Women’s Hospital. President for the Society for Obstetric Anesthesia and Perinatology and Editor-in-Chief for the International Journal of Obstetric Anesthesia. (USA)

12:20-12:40 - The report «Placental abnormalities, diagnostic and surgical tactics problems» - is devoted to the problem of diagnosis and surgical tactics in cases of placental attachment anomalies. The questions of organization of assistance to patients with placental abnormalities, methods of surgical treatment, organ-preserving tactics, complex perioperative intensive therapy, interaction of
obstetricians-gynecologists, anesthesiologists-resuscitators, surgeons and transfusiologists during the operation are considered. (20 minutes)

Speaker Andrey Zhilin - MD. Chief of the Regional Perinatal Center, Deputy chief physician for obstetrics and gynecology, Regional Children's Hospital № 1 Ekaterinburg (ODKB № 1 city of Ekaterinburg). (Russia)

12:40-13:00 – The report «Coagulation factors during massive obstetric hemorrhage» - devoted to the correction of hemostatic disorders in the perioperative period in massive obstetric bleeding. The methods of blood saving: hardware reinfusion of blood, the use of blood components, coagulation factors and antithrombolytic drugs in obstetric hemorrhage. (20 minutes)

Speaker Andrey Matkoskiy - MD. Junior member of the teaching stuff at the Department of Anesthesiology Resuscitation and Transfusiology, Ural State Medical University, Head of the Department of Anesthesiology and Resuscitation of Regional Children's Hospital № 1. (Russia)

13:00-13:20 – The report «Massive post-partum haemorrhage – 2018» - introduces participants to the basic provisions of clinical guidelines for intensive care of massive blood loss. The importance and tactics of infusion-transfusion therapy, use of procoagulants and "shunting" drugs are discussed. (20 minutes)

Speaker Efim Schifman - PhD. Professor. President of the Russian Obstetrical Anesthesiologists and Intensivists Association, Department of Anesthesiology and Intensive care, Moscow Regional Research and Clinical Institute (MONIKI) n.a. M.F. Vladimirskiy, Honored doctor of the Republic of Karelia, expert in anesthesiology and resuscitation of the Federal health supervision service, member of the Presidium of the Federation of Anesthesiologists and Resuscitators(FAR), member of the Editorial Board of the journal «Anesthesiology and resuscitation». (Russia)

13:20-13:40 - The report «Transfusion strategy and tactics in acute hemostatic disorders in obstetrics» - the report gives the audience information on the principles of diagnosis and correction of acute hemostatic disorders in blood loss in obstetrics. The use of modern technologies of rapid diagnosis and rapid correction through the use of coagulation factor concentrates and factor VII can reduce the side effects of massive transfusion and reduce the volume of blood components without violating orders 363 and 183. The criteria of quality of care in blood loss and DIC syndrome are given. The application of local hemostatic agents to stop bleeding in obstetrics and gynecology is considered. (20 minutes)

Speaker Alexander Kulikov - PhD. Professor. Vice-President of the Russian Obstetrical Anesthesiologists and Intensivists Association, Professor, Department of Anesthesiology Intensive care and Transfusiology of the «Ural State Medical University» of Ministry of healthcare of the Russian Federation, member of the Board of the Federation of Anesthesiologists and Resuscitators (FAR), the Chairman, FAR Committee of issues of anesthesia and intensive therapy in obstetrics and gynecology, member of the Editorial Board of the journal «Anesthesiology and reanimatology». (Russia)

13:40-14:00 – Questions & answers
14:00-14:20 – Discussion
14:20-15:00 – Lunch

Section Session
«OBSTETRIC CRISES 3»

Goals and educational need:
Reduction of maternal morbidity and mortality rates through the improvement of existing and new competencies required for professional activities, and professional development within the framework of existing skills in addressing safety issues in critical conditions in obstetrics.

Expected learning outcomes:
As a result of the participation, doctors will improve existing and acquire new competencies in solving safety problems in critical conditions in obstetrics. Doctors are introduced to the modern legal acts regulating the activities of an obstetrician-gynecologist and anesthesiologist-resuscitator, determine the most safe and effective method of anesthetic benefits and intensive care program in patients of obstetric profile of high risk. Doctors will be able to analyze, prevent and eliminate errors and complications that arise in the provision of emergency care in obstetrics.

Moderators: Efim Shifman, Alexandr Kulikov

15:00-15:20 – The report «Multiple organ failure syndrome in obstetrics - myth or reality?» - introduces participants to the general principles of development of critical conditions in obstetrics, mechanisms of tanatogenesis in the development of life-threatening complications of pregnancy and childbirth. The lecture presents the mechanisms of development and pathogenesis of multiple organ failure, modern definition, methods of prevention and general principles of treatment. (20 minutes)

Speaker Irina Gridchik - PhD. Professor. Professor at the Department of Anesthesiology and Resuscitation, Russian medical academy of continuous education of the Ministry of healthcare of the Russian Federation, the Secretary of the Anesthesiology and Intensive care Committee of the Ministry of healthcare of the Russian Federation. (Russia)

15:20-15:40 – The report «Features of nutritional support in obstetrics» - the report focuses on the needs of a pregnant woman in nutrients, trace elements, etc., depending on gestational age and obstetric pathology. The features of metabolism of proteins, fats and carbohydrates during pregnancy and the possibility of correction by modern therapeutic media are considered. The questions of nutrition of a pregnant woman during childbirth and in the postpartum/postoperative period are covered. The characteristics of modern drugs for nutritional support in various critical conditions in obstetrics are given. Indications and contraindications for nutritional support in obstetrics and its impact on the fetus and newborn are considered. (20 minutes)
15:40-16:00 - The report «Infusion therapy in critical conditions» - considers the problem of infusion therapy in critical conditions, modern approaches to the volumetric filling of BCV, the choice of crystalloids and colloids, the evaluation of the effectiveness and safety of infusion therapy. The issues of prevention of complications of infusion therapy are discussed. (20 minutes)

Speaker Andrey Babayants - MD. Head of the Department of Anesthesiology and Resuscitation, State clinical hospital n.a. I.V. Davydovskiy, leading scientific employee, Department of Anesthesiology and Resuscitation, research Institute of Clinical surgery Russian national research medical University n.a. N.I. Pirogov of the Ministry of healthcare of the Russian Federation. (Russia)

16:00-16:20 - The report «Clinical pharmacology of anticoagulants in obstetrics. Thromboprophylactic during pregnancy, childbirth and the postpartum period» - aims to acquaint the participants of the conference relevant to the anaesthesiologists and obstetrician-gynecologists with the problem of prevention of DVT and the use of anticoagulants during pregnancy, delivery and the postpartum period. From the point of view of evidence-based medicine, participants will learn about the effectiveness of various pharmacological and non-pharmacological methods of thromboprophylaxis in pregnant women and puerperant. The clinical pharmacology of modern anticoagulants, antiplatelet agents, indications, doses and contraindications for their use in obstetric practice is considered. (20 minutes)

Speaker Alexander Kulikov - PhD. Professor. Vice-President of the Russian Obstetrical Anesthesiologists and Intensivists Association, Professor, Department of Anesthesiology Intensive care and Transfusiology of the «Ural State Medical University» of Ministry of healthcare of the Russian Federation, member of the Board of the Federation of Anesthesiologists and Resuscitators(FAR), the Chairman of FAR Committee of issues of anesthesia and intensive therapy in obstetrics and gynecology, member of the Editorial Board of the journal «Anesthesiology and reanimatology». (Russia)

16:20-16:40 – Questions & answers

16:40-17:00 – Discussion

17:00-17:15- Summing up the results of the III Congress

Program Committee Chairman

____________________________ (Efim Shifman)