

**Shupyk National Medical Academy of Postgraduate Education  
Clinical Hospital «Feofaniya»**

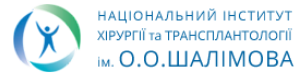


**British-Ukrainian Symposium (BUS – 11): Innovative Technologies and  
Techniques in Anaesthesiology and Intensive Care**

[www.anaesthesiaconference.kiev.ua](http://www.anaesthesiaconference.kiev.ua)

**Kyiv, 17-20th of April 2019**

Symposium held with the support of:  
**Ukrainian Society of Anaesthesiology**  
**Ukrainian Society of Anaesthesiologists, Perfusionists and Intensive Care Therapists**  
**Society of Obstetric Anaesthesia of Ukraine**  
**Heart Institute of the Ministry of Health of Ukraine**  
**O.O. Shalimov National Institute of Surgery and Transplantology**  
**Ukrainian Institute of Pain Research**  
**Foundation for Promotion of Respiratory Medicine**  
**Ukrainian Medical Association of Great Britain**  
**University College London Centre for Anaesthesia**  
**National Hospital for Neurology and Neurosurgery**  
**The Association of Anaesthetists of Great Britain and Ireland**



## Invitation and programme on

### British-Ukrainian Symposium (BUS – 11): Innovative Technologies and Techniques in Anaesthesiology and Intensive Care

Dear \_\_\_\_\_

We are pleased to invite you to participate in the ELEVENTH BRITISH-UKRAINIAN SYMPOSIUM in ANAESTHESIOLOGY and INTENSIVE CARE (BUS-11) «Innovative Technologies and Techniques in Anaesthesiology and Intensive Care».

The Conference will be held on April 17-20<sup>th</sup> 2019 at the conference center of Clinical Hospital “Feofaniya”, 21 Academic Zabolotny Str., Kyiv.

The way to the venue Clinical Hospital “Feofaniya”: from metro station “Vystavkovyi Tsentr” by trolleybus 11 or bus 496 from the station “Magellan” or from “Lukyanivska” metro station.

#### TIME-LIMIT

**Registration** of delegates and guests begins on March 15, 2018 at the Department of Anaesthesiology (3 Bratyslavska Str.) and on April 17<sup>th</sup> 2019 at 10<sup>00</sup> a.m. in the tent near Conference centre of the Clinical Hospital “Feofaniya”.

Charity registration fee is paid during registration or through Association.

**Opening ceremony:** April 18<sup>th</sup>, 2019 at 9.45

**Closing remarks:** April 20<sup>th</sup>, 2019 at 14.15

All participants will receive **certificate** at the end of the Conference.

**The exhibition:** will be organized in front of the assembly hall lobby

**Languages:** Ukrainian, English, Russian.

**Presentations:** by the multimedia.

The conference is listed in the Registry of meetings, congresses, symposia and scientific conferences to be held in 2019 in Ukraine. The invitation to the participants on behalf of the organizing committee is based on the Cabinet of Ministers of Ukraine Act dated 20<sup>th</sup> of November 1991 № 332 "On the procedure of scientific and technical meetings, conferences, congresses, symposia and seminars." This act allows a participant to take an official journey.

We ask you to buy return tickets in advance.

Best regards,  
Organizing committee of BUS 11

## ORGANIZING COMMITTEE OF SYMPOSIUM

### Chairmen:

Yuriy Voronenko – Rector of P.L. Shupyk National Medical Academy of Postgraduate Education, member of the National Academy of Medical Sciences, professor

Vitaliy Tsymbaliuk – President of the National Academy of Medical Sciences, professor

Valeriy Pishchikov – Head of Health and Resort Facilities of State Department of Management professor

### Co-chairmen of organizing committee:

Oleg Loskutov – professor, Chairman of Anaesthesia and Intensive Care Department of the P.L. Shupyk National Medical Academy of Postgraduate Education

Ihor Semeniv – Head of the Clinical Hospital “Feofaniya”

### Project coordinators:

Roman Gregg – project initiator and main coordinator, Chief of Ukrainian Medical Association of the United Kingdom

Maksym Pylypenko – Associate Professor of the Anaesthesia and Intensive Care Department of the P.L. Shupyk National Medical Academy of Postgraduate Education

Andriy Strokan’ – Deputy Chief of the Clinical Hospital “Feofaniya”, Associate Professor

## ORGANIZING COMMITTEE MEMBERS:

Biloshytskiy V.V., Kyiv

Biliaiev A.V., Kyiv

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Vdovychenko Yu.P., Kyiv

Volosovets O.P., Kyiv

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Strokan’ A.M., Kyiv

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Khytriy G.P., Kyiv

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**Website:** [www.anaesthesiaconference.kiev.ua](http://www.anaesthesiaconference.kiev.ua)

**E-mail:** [bus-conference@ukr.net](mailto:bus-conference@ukr.net)

Time Table of sessions, workshops and training sessions during the symposium.

Date	Time	Hall A (Main building, 2nd floor of the conference centre)	Hall B (2nd floor of the conference centre)	Hall C (training class, 1st floor of the conference centre )	Hall D (4th floor of administrative building)	Hall E, (radiosurgical building) Hall F, (pathomorphological building) G,H - tent	
April 17 <sup>th</sup> , Wednesday	12:00-18:00	Refresher course	Workshop. Scientific reports. Rapid Sequence Induction of Anaesthesia. Workshop. Cricothyrotomy		14:00 -17:00 Workshop Vascular access	From 10 <sup>00</sup> a.m. Registration (H - tent)	
April 18 <sup>th</sup> Thursday	8:00 - 9:45	Refresher course	Methodological issues of anaesthesiology and IT			Registration (H - tent)	
	9:45-10:15	<b>Opening remarks and welcome</b>					
	10:15 -13:00	Historical aspects and new directions in anaesthesiology and intensive care	Assistance to wounded, critical conditions. Antibiotic resistance	Ultrasound in practice of anaesthesiologist (C). Spinal cord injury (resus hall)	Cardiac anaesthesiology. (hall D)	Injuries to the spine and spinal cord(surgical building IT)	Bronchoscopy skills on laboratory models (hall G) Simulation clinical scenarios of trauma and critical conditions (hall H)
	<b>13.10 Gathering for a group photo. From 13.10 lunch at the tent.</b>						
	14:00 -16:00	Current issues in anaesthesiology	Current issues in anaesthesiology	Workshop "Difficult airway"	From 13.30 Meeting of "basic department" and management of AAU		Inhalation anaesthesia skills and ECMO on the laboratory model (hall G) Simulation clinical scenarios of trauma and critical conditions (hall H)
	16:15 -18:30	Current issues in anaesthesiology and IT	Stroke treatment, neuroanest.		Session of short scientific reports	Obstetric anaesthesia (Hall E)	
April 19 <sup>th</sup> Friday	8:15 - 11:15	Infusion-transfusion therapy. Liver failure.	Workshop. Practical aspects of respiratory support	Workshop. Catheterization of major vessels	Current issues in pediatric anaesthesiology and IT		Cadaver workshop. Regional anaesthesia techniques (path.anatomy building).
	11:30 -13:00	Patient safety, ERAS protocols	Current issues in anaesthesiology	Workshop. Catheterization or major vessels	Onco-anaesthesiology (hall D)	Workshop High-frequency ventilation of kids (CPR.hall)	
	14:00 -15:45	Current issues in anaesthesiology and postoperative. Analgesia	New aspects of anaesthesia	"Difficult airway" Workshop (Bronchoscopy, cricothyrotomy)		Child with impaired consciousness	Cadaver. Caudal anaesthesia
	16:00 -18:00	Pain management of anaesthesia, postoperative analgesia	Analysis of clinical cases	Workshop. Advanced skills of ultrasonography for anaesthesiologist			Workshop. Bronchoscopy(CPR hall)
	18:00 -18:15	Discussions, conclusions and resolution					
	April 20 <sup>th</sup> , Saturday	9:00 - 10:00	Reports on anaesthesia and IT				
10:00 -10:45		Coagulation management	Workshop. Basics of neurology for an anaesthesiologist	Hall E, (radiosurgical)			

10:45-11:30	Ultrasound in ICU	Workshop. Preoperative patient assessment.	hall E (radiosurgical building building). Nurse's session		
11:30-13:30	Difficult patient on mechanical ventilation	Workshop Hemodynamic changes during anaesthesia			
14:15	Closing the Symposium				

## PROGRAMME OF SYMPOSIUM

**Wednesday, April 17<sup>th</sup>**

**Registration from 10:00 a.m.**

### Refresher course

<b>Clinical Hospital "Feofania" (Hall A). Refresher course.</b>		
Chairmen: O.A. Loskutov, O.A. Halushko, S.M. Byshovets, Yu.I. Markov		
11:30 -12:00	Capnography, cerebral oximetry	O.E. Domoratskiy
12:00-12:30	Cerebral protection in the practice of an anaesthetist: pro and contra?	I.I. Semenenko
12:30 -13:00	High spinal anaesthesia	S.M. Byshovets
13:00 -13:30	Non-invasive methods for assessing hyperoxia in patients during perioperative period	Arnaud Pouilly (France)
13:30 -14:00	Determination of oxygen reserve index (ORi) in intensive care	Arnaud Pouilly (France)
14:00 -14:30	Low and Minimal Flow Anaesthesia	Christian Hönemann (Germany)
14:30 -15:00	Current recommendations for lung protective ventilation in the OR	Christian Hönemann (Germany)
15:00 -15:30	Contemporary approaches for low-opioid anaesthesia	O.A. Loskutov
15:30 -16:15	Updates in mechanical ventilation	Venugopal Reddy (USA)
16:15 -16:30	Perioperative management of patients with hormonally active adrenal tumours	S.O. Tarasenko
16:30 -17:00	Perioperative management of cardiac patients in non-cardiac surgery	Halide Hande Sahinkaya (Turkey)
17:00 -17:30	Anaesthetic support of a large hepatopancreatobiliary surgery "For" and "against" epidural anaesthesia	I.A. Kuchynska
17:30 -18:00	Treatment problems of patients with diabetes mellitus in IT	O.A. Halushko

<b>Session (hall B). Selected scientific presentations</b>		
Moderator: O.G. Kramareva		
12:15 -12:30	Infusion therapy for burn shock	M.K. Kabachinsky
12:30 -12:45	Opioid-free anaesthesia in One Day Surgery	O.G. Kramareva
12:45 -13:00	Modern international patient safety standards	A.I. Garga
13:00 -13:15	Impact of pectoral nerve block on the development of post-mastectomy pain syndrome	V.V. Martciniv
13:15 -13:30	Intelligent ventilation regimens in patients with severe viral-bacterial pneumonia	S.F. Veremchuk
13:30 -13:45	Using high-flow nasal cannula: literature review and personal experience	Ye.V. Moghoryta
13:45-14:00	Experience in fighting with antibiotic resistance in ICU patients at Ternopil University Hospital	O.I. Kostiv

<b>Workshop (hall B). Rapid Sequence Induction of Anaesthesia. Presentation will be in English.</b>		
Moderator: I.A. Kuchynska		
14:00 -16:00	Rapid Sequence Induction of Anaesthesia – refresher lecture	John M Allwood (UK)
14:45 -16:00	RSI – masterclass on mannequins (preregistration required)	John M Allwood (UK) Ya.O. Dubnevich

<b>Interactive workshop, (hall B). Difficult airway – plan D</b>		
Moderator: O.G. Kramareva		
16:00 -18:00	Plan D - front of neck access (cricothyrotomy). Human factors in making decisions	Irina Rybkinina (UK)

<b>Clinical Hospital "Feofania" (Hall D, administrative building). Workshop</b>		
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Moderator: A.M. Strokan		
14:00 -14:30	Variants of vascular access. Demonstration.	A.M. Strokan
14:30 -17:00	Practical aspects of vascular access with the use of visualization methods	A.M. Strokan V.Yu.Subbotin

## **Thursday, April 18<sup>th</sup>**

<b>Clinical Hospital "Feofania" (Hall A). Refresher course</b>		
<b>Moderators: O.A. Loskutov, M.V. Bondar</b>		
8:00 -8:30	The Lazarus phenomenon – "incredible return" or resuscitation errors?	O.A Loskutov
8:30 -9:00	Reversal of oral anticoagulants	Laurence Torsher (USA)
9:15 -9:45	Postoperative Delirium	John Abenstein (USA)

<b>Registration 8:00-9:15</b>		
<b>9:45-10:15</b>	<b>Opening ceremony (Hall A)</b>	<b>Chief of the NA of MS, academician V.I. Tsymbaliuk Rector of P.L. Shupyk NMAPE, academician Yu.V. Voronenko Representative from Ukrainian Ministry of Health Head of the Clinical Hospital "Feofania" I.P. Semeniv Professor O.A. Loskutov Professor S.O. Dubrov Dr. Roman Cregg (UK) Assoc. Professor Laurence Torsher (USA) Assoc. Professor John Abenstein (USA)</b>

<b>Session (hall A). Historical aspects and new directions in anaesthesiology and intensive care</b>		
Chairmen: S.O. Dubrov, Roman Cregg, M.V. Bondar		
10:15 -10:30	The first surgeons-anaesthetists in Ukraine	M.V. Bondar
10:30 -11:00	Crew resource management. How do we make teams work better?	Laurence Torsher (USA)
11:00 -11:15	Modern approaches to risk prevention during anaesthesia in patients with cardiac pathology	O.A Loskutov
11:15 -11:45	Rehabilitation and Follow up from ICU	Madankumar Narayanan (UK)
11:45 -12:00	Practical aspects of intensive care of patients with Brain injury	S.O. Dubrov
12:00 -12:30	Intraoperative hypotension and patient outcomes	John Abenstein (USA)
12:30 -13:00	Anaesthesia and pain service in UK: provision, emphasis on guidelines	Roman Cregg (UK)

<b>Session (hall B). Methodological issues of anaesthesiology and IT</b>		
Chairmen: O.A. Halushko, L.M. Smirnova		
8:30 -8:45	Features of the case-method in the study of the theme "Comas"	I.A. Pavlenko
8:45 -9:00	Acmeological approach to the formation of professional success during practical classes in the full-time study form cycle of higher medical postgraduate education	O.Yu. Murizina
9:00 -9:15	Study of the possibilities of using ultrasound in urgent medicine on a living model	O.V. Dopiryak
9:15 -9:30	Anaesthetic management audit	L.M. Smirnova

<b>Session (hall B). Current issues of helping the wounded patients and treatment of critical conditions.</b>		
<b>Problems of antibiotic resistance</b>		
Chairmen: G.P. Khytriy, O.Yu. Sorokina, O.M.Nesterenko		
10:15 -10:30	Dangers and mistakes in anaesthetic care of a wounded patient in an armed conflict	G.P. Khytriy
10:30 -10:45	Systemic response of organism to aggression	V.V. Nikonov
10:45 -11:00	Modern treatment opportunities for burn shock	O.M. Kovalenko
11:00 -11:15	Investigation of central and peripheral hemodynamic in patients with polytrauma	N.V. Matolinets
11:15 -11:30	Complex of anti-shock measures, resuscitation of a patient with abdominal gunshot wounds	O.V. Ivashkevych
11:30 -11:45	FoCUS (Focused cardiac ultrasound) – emergency echocardiography in critical care medicine	L.D. Skolska
11:45 -12:00	Organizational and practical issues of helping the wounded patients	A.B. Kuchma
12:00 -12:15	Antibiotic therapy: what is more there - resistance or mistakes in the prescription?	L.A. Kharchenko
12:15 -12:30	Principles of antibacterial therapy of the abdominal cavity diseases	O.Yu. Sorokina



12:30 -12:45	Innovative technologies in diagnosis and intensive care of severe community-acquired pneumonia	O.M. Nesterenko
12:45 -13:00	Acute kidney injury in the intensive care clinic	Ya.M. Pidhirniy

**Masterclass (workshop). (hall C, training class, conference centre, entrance from the street; advance registration required)**

Moderators: O.E. Domoratskiy, L.V. Skolska, K.V. Kamenyuk

10:00 -11:00	Basic skills of ultrasound use in the anaesthesiology practice: protocol FAST. Visualization of central veins using ultrasound	O.E. Domoratskiy L.V. Skolska K.V. Kamenyuk
11:00 -13:00	Advanced Usage Skills of sonography: BLUE, FAST, eFAST Protocols. Visualization of central veins with the help of ultrasound, skills training on volunteers and models of vascular access	O.E. Domoratskiy L.V. Skolska K.V. Kamenyuk

**Masterclass (workshop), surgical building, ICU resuscitation room; advance registration required. Meeting at the registration desk 15 min before workshop. Spinal trauma**

Moderators: O.G. Kramareva, M.S. Lisyanskiy, I.A. Kuchynska

10:15 -11:45	Injuries in the spine and spinal cord: early hospital stage	O.G. Kramareva M.S. Lisyanskiy I.A. Kuchynska
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**Workshop (groups of up to 10 persons in each) will take place under condition of sufficient amount of participants registered in advance; (Hall G, Center of Surgical Innovation). Meeting at the registration desk 15 min before workshop. Practical skills of anaesthesiology and IT on a laboratory model**

Moderators: Martsiniv V.V., A.V. Serhiyenko, O.N. Druzhyna

11:00 -12:00	Bronchoscopy for anaesthesiologist (intubation, sanitation TBT, BAL) on a laboratory model	A.V. Serhiyenko V.V. Martsiniv
12:00 -13:00	Bronchoscopy for anaesthesiologist (intubation, sanitation TBT, BAL) on a laboratory model	A.V. Serhiyenko V.V. Martsiniv
13.30 -14:30	Practical aspects of low-flow gas anaesthesia. Workout on laboratory model	O.Yu. Khomenko V.Yu. Artemenko
14:30 -15:30	Practicing lung recruitment manoeuvre on a laboratory model	O.Yu. Khomenko V.Yu. Artemenko
15:30 -16:30	Practical aspects of low-flow gas anaesthesia. Workout on laboratory model	O.Yu. Khomenko V.Yu. Artemenko
16:30 -18:00	Mastering practical skills of ECMO on a laboratory mode	O.N. Druzhyna O.A. Loskutov S.M. Sudakevich

**Masterclass (workshop), (hall H, tent, entrance from the street; advance registration required). Team work with trauma patients using standardized IELTS, ALS, PALS systems**

Moderators: Yu.M. Krivonos, I.A. Kuchynska

10:15 -11:15	ACLS: management of threatening arrhythmias of the heart in accordance with the recommendations American Heart Association 2018	Yu.M. Krivonos V.V. Its Yu.K. Its
11:30 -12:30	Structured approach to assessing of patient with combined injuries according to recommendations ITLS (International Trauma Life Support)	Yu.M. Krivonos V.V. Its Yu.K. Its

**Session (hall D, administrative building). Topical issues of cardiac anaesthesiology, Thromboembolism of the pulmonary artery**

Chairmen: O.A. Loskutov, V.A. Zhovnir, O.A. Beregovoy, O.N. Druzhyna

10:30 -10:45	Protection of the lungs during artificial blood circulation in children with congenital heart disease	L.V. Moshkivska
10:45 -11:00	Assessment of hemodynamic in isolated coronary bypass surgery on a working heart	H.O. Joffe
11:00 -11:15	Evolution of methods of cerebroprotection in the surgical treatment of pathology of the aortic arc	K.A. Khizhnyak
11:15 -11:30	10 years of experience in the treatment of mitral stenosis by the technique of closed ventricular mitral commissurotomy	A.V. Bondarenko
11:30 -11:45	Place of thoracetamide in the treatment of acute decompensated heart failure	V.V. Batushkin
11:45 -12:00	A complex of preventive measures to prevent neurovascular complications in cardio surgery	V.V. Dzhtitar

12:00 -12:15	Evaluation of the state of the system of blood coagulation and its treatment by anticoagulants in patients in the perioperative period after implantation of LVAD artificial blood flow systems	O.P. Mazurenko
12:15 -12:30	Lidocaine in cardiac surgery as a basic component of multimodal low-opioid anaesthesia	T.A. Danchina
12:30 -12:45	The course of coagulation violations in patients with acute pulmonary embolism and systemic thrombolysis	O.Yu. Murizina
12:45 -13:00	Questions, discussion	

### 13.10 Gathering for a group photo outside at the entrance to the lecture building

#### 12.45-14.00 Lunch break

<b>Meeting of the board of the Association of anaesthesiologists of Ukraine (AAU) and the open meeting of the base Anaesthesiology department (hall D, administrative building)</b> Moderators: S.O. Dubrov, O.A Loskutov		
13:30 -14:30	Open meeting of the base Anaesthesiology department on improvement of training in anaesthesiology and intensive care	O.A. Loskutov
14:30 -15:30	Working meeting of the President and the board of AAU, Chief ministerial Anaesthesiology experts of the Ministry of Health of Ukraine.	S.O. Dubrov

<b>Session (hall A). Current issues of anaesthesiology</b> Chairmen V.I. Cherniy, M.M. Pylypenko : I.A. Kuchynska		
14:00 -14:30	Controversies for epidural analgesia and analgesia for abdominal surgery and pancreatitis.	Nick Schofield (UK)
14:30 -14:45	Dangers and complications of laparoscopic surgery	V.I. Cherniy
14:45 -15:15	Multimodal analgesia including regional anaesthesia: time to revisit the basics	Carlos Mantilla (USA)
15:15 -15:30	Multimodal opioid limiting anaesthesia as a modern trend of anaesthesia in oncosurgery	O.M. Nesterenko
15:30 -16:00	The future of vascular anaesthesia	Nick Schofield (UK)

<b>Session (hall B). Current issues in critical conditions</b> Chairmen: O.Yu. Sorokina, S.M. Nedashkivskiy, H.P. Pasichnyk		
14:00 -14:15	Neuroprotection in intensive care. A review of clinical cases	H.P. Pasichnyk
14:15 -14:30	Optimization of sedative strategy in IT- Paediatrics vs. Adult	D.V. Dmytriyev
14:30 -14:45	Support of muscle mass in patients with IT: from the essence of the problem to modern therapeutic trends	O.Yu. Sorokina
14:45 -15:00	Additional opportunities for patients with severe traumatic brain injury	S.M. Nedashkivskiy
15:00 -15:15	Formation and prevention of chronic pain syndrome	O.E. Domoratskiy
15:15 -15:30	Hemodynamic support in ICU	I.I. Lisnyy
15:30 -15:45	Problematic issues of perioperative intensive care	Yu.Yu. Kobelyatsky
15:45 -16:00	Modern views on methods of thromboprophylaxis in obese patients	O.M. Klihunenko

<b>Master class (workshop), Q&amp;A session (hall C, training class, conference centre, entrance from the street; registration in advance required). «Difficult airway-PART-1»</b> Moderators: O.E. Domoratskiy, D.V. Dmytriyev M.A., Shostak		
14:00 -16:00	Practicing basic and advanced skills in establishing control over«difficult airway», video-laryngoscopy, intubation using retro-molar hard endoscope, difficult extubation «difficult airway»,in children, pediatric intubation laryngeal mask	O.E. Domoratskiy D.V. Dmytriyev M.A. Shostak A.V. Sergienko

<b>Master class (workshop). Team work during trauma according to standardized recommendations by ITLS, ALS, PALS (hall H, marquee, entrance from the street; advance registration required)</b> Moderators: Yu.M. Krivonos, I.A. Kuchynska		
14:15 -15:15	PALS: Structural approach to evaluation and stabilization of critically ill child according to AHA (American Heart Association)	Yu.M. Krivonos V.V. Its

		Yu.K. Its
15:30 -16:30	Examination of patients with combined injuries according to ITLS recommendations (International Trauma Life Support)	Yu.M. Krivonos V.V. Its Yu.K. Its

### 16.00-16:15 Break

<b>Session (hall A). Current issues of anaesthesiology and intensive care</b>		
Chairmen: U.A. Fesenko, M.M. Pylypenko, V.Yu. Artemenko		
16:15 -16:45	Management of the opioid-tolerant patient	Carlos Mantilla (USA)
16:45-17:00	Hyponatremia: a modern look at the problem	U.A. Fesenko
17:00 -17:30	Education in anaesthesia and OSCE	Venugopal Reddy (USA)
17:30 -17:45	Respiratory care in patients with SMA (spinal muscular atrophy). What's new in the world and Ukraine?	V.Yu. Artemenko
17:45 -18:15	Haemodynamic management and monitoring	Oliver Herden-Kirchhof (Germany)
18:15 -18:30	ARDS – what's new in 2019?	M.M. Pylypenko

<b>Session (hall B). Current issues of stroke treatment, neuroanaesthesiology, cognitive dysfunctions</b>		
Chairmen: V.I. Cherniy, Yu.Yu. Kobelyatskiy, O.A. Halushko		
16:15 -16:30	Ischemic cascade blockers in stroke	O.M. Klihunenko
16:30 -16:45	Ways to improve efficacy of intensive care in acute ischemic stroke	Yu.Yu. Kobelyatskiy
16:45 -17:00	Role of neuroprotection in the era of reperfusion therapy in acute ischemic stroke	V.I. Cherniy
17:00 -17:15	Prophylaxis of cognitive dysfunction after general anaesthesia with controlled hypotension	O.I. Datsyuk
17:15 -17:30	Postoperative cognitive dysfunction and methods of it's correction	V.I. Cherniy
17:30 -17:45	Postoperative insomnia: anaesthesiologist's and patient's perspective	D.A. Shkurupiy
17:45 -18:00	«Time window» is closed. What do we do?	G.P. Pasichnyk
18:00 -18:15	Significance of intrathecal dexamethasone in treatment and diagnosis of central nervous system lesions	S.P. Borschov
18:15 -18:30	New opportunities of neuroprotection in patients with ischemic stroke	O.A. Halushko

<b>Hall D, administrative building. Session of short scientific reports. Duration of presentation – 7 min</b>		
Moderators: Yu.I. Markov, V.G. Kolesnikov, M.V. Bolyuk		
16:00 -18:00	Treatment of cognitive dysfunction in patients who underwent ENT surgeries with controlled hypotension	R.A. Bondar
	Rhabdomyolysis in urologic oncology surgeries: clinical signs and prophylaxis	K.A. Fomchenko
	Successful implementation of ERAS protocol in the morbidly obese patients during laparoscopic bariatric surgeries	V.V. Yevseyeva
	ESP-block as a key method of low-dose opioid multimodal anaesthesia for transpedicular stabilization in spine surgery	Yu.O. Soklakova
	Modern aspects of haemodynamic management in regional analgesia	T.V. Kanchura
	Indicators of inflammatory response activation during coronary artery stent procedure under routine sedation	M.V. Bolyuk
	Evaluation of prognostic value of respiratory parameters in early stage of respiratory failure	B.Yu. Orlets'kiy
	Modern state of nosocomial respiratory tract infection prophylaxis in patients with non-invasive mechanical ventilation	V.S. Skoryk
	Clinical cases of symptomatic hyponatremia	T.B. Zhovnir
	Anaesthetic management for thymectomy in myasthenic patients without use of muscle relaxants. Clinical case	A.V. Masoodi
	Special features of cerebral blood flow dynamics during CABG in patients with arterial hypertension	V.G. Kolesnikov
	Myocardial protection during mitral valve replacement	Yu.O. Kharenko
	An experience of high flow nasal cannula (HFNC) use	P.M. Koval'

<b>Session (Hall E, radiosurgical building). Current issues of obstetric anaesthesia and intensive care</b>		
Chairmen: R.O. Tkachenko, V.S. Fesenko, A.O. Zhezher		
16:15 -16:30	Session of the chief ministerial expert in «Obstetric anaesthesiology» of the Ministry of Health of Ukraine	R.O. Tkachenko
16:30 -16:45	Two novelties for obstetric anaesthesiologists	V.S. Fesenko
16:45 -17:00	Modern approach to postoperative analgesia in obstetrics and gynaecology	E.V. Grizhimalskiy

17:00 -17:15	New aspects of postoperative analgesia after Caesarean section	V.V. Petrychenko
17:15 -17:30	Dexamethasone as a component of spinal anaesthesia for Caesarean section	N.V. Pyasets'ka
17:30 -17:45	Multimodal opioid-free anaesthesia for gynaecologic surgeries	S.S. Zaichenko
17:45 -18:00	Preoperative blood-saving technologies in gynaecology	O.M. Klihunenko
18:00 -18:15	Anaesthetic management for outpatient gynaecological surgeries: is there a problem and ways to solve it?	D.O. Dzyuba
18:15 -18:30	Modern treatment of maternal sepsis	R.O. Tkachenko

## **Friday, April 19<sup>th</sup>**

### **CADAVER WORKSHOP (master class): exploring techniques of regional anaesthesia on a human cadaver. Nerve blocks in pain medicine (hall F, building of pathological anatomy unit of the hospital; advance registration required)**

Program: Details of the topographic anatomy of nerve plexuses which are blocked during anaesthesia of upper and lower limbs, lumbar plexus. Ultrasound visualization (2 stations). Intervention techniques for the treatment of back pain. Work out the technique of blockades. Caudal anaesthesia technique. Meeting 15 minutes before the start of training at the registration desk.

Moderators: A.M. Strokan, V.S. Fesenko

9:00 -10:30	Group 1	R. Cregg, V.S. Fesenko, R.P. Chaplinskiy, Yu.O. Kuybida
10:40 -12:10	Group 2	Madan Narayanan, V.I. Kolomachenko, V.V. Martsiniv
12:20 -13:50	Group 3	A.M. Strokan, B.V. Mikhailov, A.A. Albokrinov
14:00-15:20	Caudal anaesthesia: a modern view on a century old technique	D.O.Dzyuba S.M. Nedashkivskiy S.M. Bishovets'

### **Session (hall A). Patient blood management, infusion therapy, liver failure**

Chairmen: S.O. Dubrov, O.Yu. Sorokina, O.O. Budnyuk, O.E. Domorats'kiy

8:15 -8:30	Modern principles of infusion therapy	O.M. Klihunenko
8:30 -8:45	An experience of extracorporeal hemocorrection due to extra-renal indications in ICU	I.O. Yovenko
8:45 -9:00	Perioperative management of patients with liver disease	O.O. Budnyuk
9:00 -9:15	Blood management in obstetrics, what's new? 2019 Guidelines review	R.O. Tkachenko
9:15 -9:30	Infusion therapy for primary intra-abdominal infection	O.E. Domorats'kiy
9:30 -9:45	Infusion therapy of hypovolemic shock	O.Yu. Sorokina
9:45 -10:15	Anaesthesia considerations for the patient with liver failure	James Findlay (USA)
10:15 -10:30	Patient blood management. Surgery. Polytrauma	S.O. Dubrov
10:30 -11:00	Acute liver failure – syndromes and management	James Findlay (USA)
11:00 -11:15	Blood-saving technologies in anaesthesia	O.A. Loskutov

### **Session (hall B). Current issues of respiratory support**

Chairmen: L.V. Zgrzheblovs'ka, M.M. Pylypenko, O.Yu. Khomenko

8:30 -8:45	Controversies of long-term respiratory care	V.P. Fronchko
8:45-9:00	Modern view on lung recruitment manoeuvre: pros and cons	O.Yu. Khomenko
9:00 -9:15	Volumetric capnography	O.E. Satyshur (Belarus)
9:15 -9:30	Respiratory monitoring in non-invasive ventilation	O.L. Plugaru

### **Master class (workshop), (hall B). Practical aspects of respiratory support**

Moderators: L.V. Zgrzheblovs'ka, M.M. Pylypenko, V.Yu. Artemenko

9:30 -10:00	Practical aspects of non-invasive respiratory support	V.V. Gnatyuk O.L. Plugaru
10:00 -10:30	Asynchrony during mechanical ventilation	O.E. Satyshur (Belarus)
10:30 -11:00	Diagnosing the mechanical properties of lungs impairments and choosing the parameters for ventilation	M.M. Pylypenko
11:00 -11:15	Q&A, discussion	

### **Master class (workshop), Q&A session (hall C, training class, conference center, entrance from the street; advance registration required). Puncture and catheterization of major vessels without visualization («blind method»)**

Moderators: O.A. Loskutov, V.G. Kolesnikov

9:00 -10:30	Practicing the skills of central venous and arterial catheterization on mannequins	O.A. Loskutov V.G. Kolesnikov
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<b>Session (hall D, administrative building). Current issues in paediatric anaesthesiology and intensive care</b> Chairmen: M.A. Georgiyants, D.A. Shkurupiy, V.A. Zhovnir, V.I. Snisar		
8:30 -8:45	Quadratus lumborum block in paediatric abdominal surgery	B.V. Zaletskiy
8:45 -9:00	Bedside monitoring of respiratory physiology in children during respiratory therapy	O.V. Filyk
9:00 -9:15	Preemptive, preventive, multimodal analgesia - are they links of the same mechanism of postoperative pain treatment?	D.V. Dmytriyev
9:15 -9:30	Mucosa of gastrointestinal tract: diagnosis of condition and protection in neonatal ICU	D.A. Shkurupiy
9:30 -9:45	Non-invasive assessment of cerebral homeostasis. Focus on oxygenation	M.A. Georgiyants
9:45 -10:00	Respiratory support in children from the point of view of necessity and sufficiency)	V.A. Korsunov
10:00 -10:15	Dyspnoea management during mechanical ventilation in children	O.V. Filyk
10:15 -10:30	Problematic issues of treatment of children with massive bowel resection	V.R. Mischuk
10:30 -10:45	PALS: Structural approach to assessment and stabilization of the critically ill child according to recommendations of American Heart Association	Yu. M. Krivonos
10:45 -11:00	Anaesthetic and transfusion management of hemihepatectomy in breastfed infants	V.V. Danilova
11:00 -11:15	Questions, discussion	

### 11:15-11:30 Break

<b>Session (hall A). Patient safety, protocols of enhanced recovery ERAS</b> Chairmen: Yu.L. Kuchyn, I.I. Lisniy, R.O. Tkachenko		
11:30 -11:45	Safe use of medications in department of anaesthesiology and intensive care	Yu.L. Kuchyn
11:45 -12:00	Patient safety in anaesthesiology. What are your patients ready to spend \$100 on?	A.M. Strokan
12:00 -12:15	Essential elements of multimodal analgesia in ERAS program	I.I. Lisniy
12:15 -12:45	Enhanced recovery protocols in urology	Igor Frank (USA)
12:45 -13:00	ERAS protocol as a component of perioperative medicine	R.O. Tkachenko

<b>Session (hall B). Current issues of anaesthesiology</b> Chairmen: V.I. Cherniy, M.L. Gomon, V.I. Lysenko		
11:30 -11:45	Modern principles of postoperative pain management	V.I. Cherniy
11:45 -12:00	Problem of perioperative hypertension and ways to solve it	R.O. Tkachenko
12:00 -12:15	Perioperative hemodynamic management in patients with pheochromocytoma	M.V. Kunatovs'kiy
12:15 -12:30	Does the type of anaesthesia influence the surgical treatment results?	V.I. Lysenko
12:30 -12:45	Clinical aspects of providing a long term pain relief component in inhalation anaesthesia	M.L. Gomon
12:45 -13:00	Calculation and prediction of MAC while using inhalational anaesthetics	O.A. Loskutov

<b>Master class (workshop), Q&amp;A session (hall C, training class, conference center, entrance from the street; advance registration required). Puncture and catheterization of major vessels without visualization («blind method»)</b> Moderators: O.A. Loskutov, V.G. Kolesnikov		
11:30 -13:00	Practicing the skills of central venous and arterial catheterization on mannequins	O.A. Loskutov V.G. Kolesnikov

<b>Session (hall D, administrative building). Current issues of onco-anaesthesia, optimization of infusion therapy</b> Chairmen: V.A. Lysets'kiy, Yu.O. Polentsov		
11:30 -11:45	How to reduce the dose or avoid opioid use for postoperative analgesia in cancer patients	V.A. Lysets'kiy
11:45 -12:00	Effect of perioperative analgesia on T-lymphocytes activity during surgical treatment of colorectal cancer	Ye.O. Gorkaviy
12:00 -12:15	Updated ERAS recommendations in colorectal surgery	F.P. Zahoruiko
12:15 -12:30	Experience of GDT (Goal Directed Therapy) with non-invasive control of CI (Cardiac Index) in major cancer surgery	Yu.O. Polentsov
12:30 -12:45	Basic principles of ultrasound assisted strategy choosing for goal directed infusion therapy	O.O. Valenko
12:45 -13:00	Primary hyperparathyroidism: an anaesthesiologist's perspective	S.O. Tarasenko

<b>Master class (workshop), Q&amp;A session (surgical building, ICU, CPR hall; advance registration required; Meeting 15 minutes before the start of master class at the registration desk). High-frequency oscillatory ventilation (HFOV)</b>		
Moderators: O.Yu. Khomenko, I.V. Kyselova, L.D. Tantsyura		
11:30 -13:00	HFOV in children: when conventional ventilation isn't effective and ECMO isn't available	O.Yu. Khomenko I.V. Kyselova L.D. Tantsyura

#### Lunch break 12:45-14:00

<b>Session (hall A). Current issues in intensive care and postoperative analgesia</b>		
Chairmen: Yu.Yu. Kobelyatskiy, Yu.V. Volkova, S.I. Vorotyntsev		
14:00 -14:15	How to improve perioperative safety of the obese patients?	S.I. Vorotyntsev
14:15 -14:45	Association of erectile dysfunction and coronary artery disease	Igor Frank (USA)
14:45 -15:00	Features of intensive care of polytrauma patients with elevated body mass index	Yu.V. Volkova
15:00 -15:30	Cardiac and lung ultrasound in ICU	Oliver Herden-Kirchhof (Germany)
15:30 -15:45	New aspects of postoperative pain management	Yu.Yu. Kobelyatskiy

<b>Session (hall B). New aspects of anaesthesia</b>		
Chairmen: I.I. Lisniy, A.V. Thorevskiy, M.V. Lizogub		
14:00 -14:15	Place of alpha-2 agonists in analgesia and sedation	I.I. Lisniy
14:15 -14:30	Opportunities of controlled hypotension for lumbar spine surgery	M.V. Lizogub
14:30 -14:45	ERAS program and cognitive dysfunction	I.I. Lisniy
14:45 -15:00	Perioperative management of patients with severe asthma and COPD	O.O. Budnyuk
15:00 -15:15	Restrictive opioid therapy in day case surgery: from theory into practice	A.V. Thorevskiy
15:15 -15:30	Features of hemodynamic control in patients with concomitant hypertension undergoing cerebral aneurysm clipping	D.O. Dzyuba
15:30 -15:45	Isoflurane. It's place in general anaesthesia	R.M. Shariy

<b>Master class (workshop), Q&amp;A session (hall C, training class, conference center, entrance from the street; registration in advance required). «Difficult airway», part 2</b>		
Moderators: O.E. Domoratskiy, O.O. Budnyuk, A.V. Serhienko, D.V. Dmitriev		
14:00 -15:45	Practicing advanced skills in establishing control over «difficult airway» on various mannequins. Videolaryngoscopy, Cricothyrotomy technique using cricothyrotomy sets on anatomical preparations of trachea. Airway control in reanimation unit and intensive care department, dilatational tracheostomy Blue Rhino, balloon tracheostomy Blue Dolphin.	O.E. Domoratskiy O.O. Budnyuk A.V. Serhienko M.A. Shostak

<b>Master class (workshop), Q&amp;A session (hall D, administrative building). Child with impaired consciousness</b>		
Moderators: I.V. Kyselova, L.D. Tantsyura		
14:00 -15:45	Child with impaired consciousness	I.V. Kyselova L.D. Tantsyura

<b>Master class (workshop). Simulation lecture «Surgical blood loss», (hall H, marquee, entrance from the street; advance registration required)</b>		
Moderators: O.A. Loskutov, V.G. Kolesnikov		
14:15 -15:15	Simulation lecture «massive surgical blood loss»	O.A. Loskutov V.G. Kolesnikov

<b>Master class (workshop). Basics of bronchoscopy in ICU (surgical building, ICU, CPR hall; advance registration required; meeting 15 minutes before the start of master class at the registration desk)</b>		
Moderators: I.A. Kuchynska		
15:30 -17:30	Basics of bronchoscopy in intensive care unit	I.A. Kuchynska A.V. Serhienko G.Yu. Khinich

#### 15:45 -16:00 Break

<b>Session (hall A). Current issues in pain medicine, anaesthesia and postoperative analgesia</b>		
Chairmen: A.M. Strokan, Roman Cregg, S.I. Vorotyntsev		
16:00 -16:15	Medical cannabis – use in anaesthesia and pain medicine. Pros and cons	A.M. Strokan
16:15 -16:30	Safety II – innovation of modern anaesthesiology and intensive care	S.I. Vorotyntsev

16:30-17:00	Regional anaesthesia in the Operating room and in ICU	Madankumar Narayanan (UK)
17:00 -17:15	Regional analgesia in abdominal surgery. A fashion tribute or a necessity?	D.V. Dmitriev
17:15 -17:45	Update in spinal pain	Roman Cregg (UK)
17:45 -18:00	Principles of regional anaesthesia for hip joint surgery	V.I. Kolomachenko

**Q&A session (hall B). Analysis of clinical cases**

Moderators: M.V. Bondar, I.V. Kyselova

16:00 -16:15	Clinical case of thrombophilia with thrombocytopenia	Yu.E. Skurativskiy
16:30 -16:45	Positive neurological outcome in a child after two cardiac arrests	I.V. Kyselova
17:00 -17:15	Transient Horner's syndrome associated with epidural analgesia	A.I. Garga
17:30 -17:45	Clinical case of multiple myeloma and diabetes mellitus combination	O.V. Plotna
17:45 -18:00	Discussion on clinical cases after each presentation. Summary and conclusions at the end	

**Master class (workshop), (hall C, training class, conference center, entrance from the street; advance registration required). Ultrasound diagnostics in anaesthesiology practice – advanced skills**

Moderators: O.E. Domoratskiy, L.V. Skolska, K.V. Kamenyuk

16:15 -18:00	Protocol FoCUS: identification of hydropericardium, total left ventricular contractility, work of right chambers of the heart, assessment of fluid overload, volume status and decision making at the "point-of-care"	L.V. Skolska K.V. Kamenyuk Oliver Herden-Kirchhof (Germany)
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**18:00-18:15 Discussion, conclusions, adoption of a resolution  
Planning BUS 12 for April 22<sup>nd</sup>-25<sup>th</sup> in 2020**

**Saturday, April 20<sup>th</sup>**

**Report session from P.L. Shupyk National medical academy of postgraduate education (NMAPE) department of anaesthesiology and intensive care members (hall A)**

Moderators: O.A. Halushko, O.E. Domoratskiy

9:00 -9:15	Organophosphate poisoning: step-by-step diagnostic and treatment approach	Yu.I. Markov
9:15 -9:30	Clinical observations of patients with thallium poisoning. 4 cases during 2018 -2019	S.M. Nedashkivskiy
9:30 -9:45	Perioperative management of patients with diabetes mellitus: focus on neuropathy	O.A. Halushko
9:45 -10:00	Legal aspects of the specialty, "conversation with an investigator"	O.E. Domoratskiy

**Master class (workshop), Q&A session (hall A). A critically ill patient on mechanical ventilation**

Moderators: A.M. Stokan, M.M Pylypenko

10:00 -10:45	Coagulation management	Nick Schofield (UK)
10:45 -11:30	Ultrasound in ICU	Madankumar Narayanan (UK)
11:30 -13:30	A critically ill patient on mechanical ventilation	Venugopal Reddy (USA) M.M Pylypenko
13:30 -14:00	Discussion	

**Master class (workshop), Q&A session (hall B). Neurology basics for an anaesthesiologist**

Moderators: M.A. Trishchynska, O.A Halushko

10:00 -10:30	Neurological status assessment of a stroke patient	O.A Halushko
10:30 -11:00	Differential diagnosis of dizziness	M.A. Trishchynska

**Master class (workshop), Q&A session (hall B). Preoperative examination of the patient**

Moderators: Yu.I. Markov

11:00 -11:45	Preoperative examination of the patient	Yu.I. Markov
11:45 -12:00	Cold injuries: an overview of modern guidelines	Yu.I. Markov

**Master class (case simulation), Q&A session (hall B). Hemodynamic changes during anaesthesia**

Moderators: O.A. Loskutov, V.G. Kolesnikov

12:00 -13:00	Simulation of critical hemodynamic impairments during anaesthesia	O.A. Loskutov V.G. Kolesnikov
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<b>Session (hall E, radiosurgical building). Nurses' session. Key aspects in the job of a nurse</b>		
Moderators: B.V. Mikhailov, V.I. Babenko, I.V. Kyselova, I.A. Kuchynska, R.A. Efimenko, D.M. Dimura		
10:00 -10:30	Hiccup in clinical practice: prevention and treatment (analysis of clinical cases)	B.V. Mikhailov
10:30 -11:00	Basics of physics for nurse anaesthetists	V.I. Babenko
11:00 -11:30	Possible and impossible complications in management of patients in ICU	V.I. Babenko
11:30 -12:00	Safe venous catheterization technique and care for peripheral venous access. Workshop, mastering the skills on mannequins	I.V. Kyselova
11:30 -12:00	Basics of resuscitation in adults. Use of automated external defibrillator. Workshop, mastering the skills on mannequins	R.A. Efimenko D.M. Dimura
12:00 -12:15	COFFEE BREAK	
12:15 -12:30	Aseptic techniques in ICU: key aspects in the work of a nurse	D.M. Dimura
12:30 -12:45	Principles of acute haemorrhage stopping: from theory into practice	R.A. Efimenko
12: 45-13:15	Critical haemorrhage. Workshop, mastering the skills on mannequins	R.A. Efimenko D.M. Dimura
13:15 -13:30	Modern aspects of safe intravenous infusion	R.V. Oliynik
13:30 -13:45	Development and implementation of training the skills and measures of reducing the complications of peripheral venous access	T.V. Nakonechna
13:45 -14:00	Risk management and job safety for nurses	N.P. Savchenko
14:00 -14:00	Discussion: Q&A	

### **14.15. Closing the symposium**