

**Shupyk National Medical Academy of Postgraduate Education  
Національна медична академія післядипломної освіти імені П. Л. Шупика**



**NINTH BRITISH-UKRAINIAN SYMPOSIUM in ANAESTHESIOLOGY  
and INTENSIVE CARE**

**dedicated to the 60<sup>th</sup> anniversary of the Department of Anaesthesiology  
and Intensive Care of Shupyk National Medical Academy of Postgraduate Education**

**ДЕВ'ЯТИЙ БРИТАНСЬКО-УКРАЇНСЬКИЙ СИМПОЗІУМ з  
АНЕСТЕЗІОЛОГІЇ та ІНТЕНСИВНОЇ ТЕРАПІЇ,  
присвячений 60-річчю кафедри анестезіології  
та інтенсивної терапії НМАПО імені П.Л. ШУПИКА**

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

**Kyiv, 19-22<sup>nd</sup> of April 2017**

Conference held with the support of:  
**Clinical Hospital “Feofania”, SMA**  
**Ukrainian Society of Anaesthesiology**  
**Ukrainian Institute of Pain Research**  
**Foundation for Promotion of Respiratory Medicine**  
**University College London Centre for Anaesthesia**  
**National Hospital for Neurology and Neurosurgery**  
**The Association of Anaesthetists of Great Britain and Ireland**



**Invitation programme on**  
**NINTH BRITISH-UKRAINIAN SYMPOSIUM in ANAESTHESIOLOGY**  
**and INTENSIVE CARE**  
**dedicated to the 60<sup>th</sup> anniversary of the Department of Anaesthesiology**  
**and Intensive Care of Shupyk National Medical Academy of Postgraduate Education**

Dear \_\_\_\_\_

We are pleased to invite you to participate in the **NINTH BRITISH-UKRAINIAN SYMPOSIUM in ANAESTHESIOLOGY and INTENSIVE CARE** dedicated to the 60<sup>th</sup> anniversary of the Department of Anaesthesiology and Intensive Care of Shupyk National Medical Academy of Postgraduate Education

**The Conference will bring together leading experts from the UK, Austria, Germany, USA, Ukraine and other countries.**

The Conference will be held on April 19<sup>th</sup>-22<sup>nd</sup>, 2017 at the Clinical Hospital “Feofania”, 21 Academic Zabolotny Str., Kyiv, conference centre.

The way to the venue Clinical Hospital “Feofania”: 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, 2017 at the Department of Anaesthesiology (3 Bratyslavska Str.) and on April 20<sup>th</sup>, 2017 from 8:00 AM at the Conference-centre lobby of the Clinical Hospital "Feofania".

Charity registration fee is paid during registration.

**Opening ceremony:** April 20<sup>th</sup>, 2017 at 9.15

**Closing remarks:** April 22<sup>nd</sup>, 2017 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 2017 in Ukraine. The invitation to the participants on the behalf of organizing committee is based on the Cabinet 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 participant to take an official journey.

We ask you to buy return tickets in advance.

Best regards,  
Organizing committee of BUS9

## **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

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

Valeryi Pishchykov – Head of Health Department of State Management Affairs, 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 “Feofania”

### **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 “Feofania”

## **ORGANIZING COMMITTEE MEMBERS:**

Biloshytskiy V.V., Kyiv

Biliaiev A.V., Kyiv

Bondar M.V., Kyiv

Chepkii L.P., Kyiv

Georgiyants M.A., Kharkiv

Glumcher F.S., Kyiv

Cregg R., UK

Grytsenko S.M., Zaporiggya

Guk A.P., Kyiv

Dzyuba D.O., Kyiv

Domoratsky O.E., Kyiv

Dubrov S.O., Kyiv

Farley Sandra, UK

Fedosyk R.M., Kyiv

Fesenko V.S., Lviv

Fesenko U.A., Lviv

Kyselova I.V., Kyiv

Kligunenko O.M., Dnipro

Kharchenko L.A., Kyiv

Kobelyatskiy Yu.Yu., Dnipro

Konovchuk V.M., Chernivtsy

Kryzhevskiy V.V., Kyiv

Lisetsky V.A., Kyiv

Lysenko V.J., Kharkiv

Mazur A.P., Kyiv

Malysh I.R., Kyiv

Pavlov O.O., Kharkiv

Pidgirnyy Ya.M., Lviv

Pylypenko M.M., Kyiv

Snisar’ V.I., Dnipro

Strokan’ A.M., Kyiv

Suslov V.V., Kyiv

Tarabrin O.O., Odessa

Tkachenko R.O., Kyiv

Titov I.I., Iv.-Frankivsk

Todurov B.M., Kyiv

Usenko L.V., Dnipro

Vdovychenko Yu.P., Kyiv

Volosovets O.P., Kyiv

Cherniy V.I., Kyiv

Zgrgeblovska L.V., Kyiv

Zozulya I.S., Kyiv

## **COMMITTEES:**

### **Coordination and communication with British organizing committee:**

Pylypenko M.M. (phone +38 050 913 33 97, maxpyl@yahoo.com )

### **Accommodation:**

Dzyuba D.O. (+38 050 565 03 44, dr\_dzuba@ukr.net), Domoratsky O.E. (+38 067 944 91 52)

### **Web-site support:**

Kyselova I.V. (iv30@inbox.ru), Zhezher A.O.

### **Registration of participants:**

Zhezher A.O. (+38 050 380 31 79), Baz T.M. (+38 044 518 41 57), Butko I.S., Perevysla O.M., Kostyukova M.O., Hrekul N.A, Zhurovska Y.M., Ovsiyenko T.V., Paschenko S.V., Zhezher N.P.

**Meeting and transportation:** Byshovets S.M. (+38 050 468 82 42), Dzyuba D.O. (+38 050 565 03 44, dr\_dzuba@ukr.net), clinical residents

**Organization of Meals and gala dinner:** Zgrgeblovskaya L.V., Dolynska O.O., (095 616 78 67), Kolesnikov V.G.

**Preparation of programme and participant packet:** Bondar M.V., Pylypenko M.M.

**Support of conference meetings:** Strokan A.M., Nedashkivskiy S.M., Markov Yu.I., Petrychenko V.V., Zitynuk V.V.

**Exhibition coordination:** Domoratsky O.E. (067 944 91 52), Kostyukova M.O.

**Workshop coordination:** Kuchynska I.A., (+38 063 593 29 01, ikuchynska@ukr.net), Strokan A.M., Kyselova I.V., Kramareva O.G.

**Organisation of seminars on regional anaesthesia and round table discussion:**

Strokan A.M. (+38 050 523 39 88, strokandr@mail.ru), Tsinicin M.M.

**Preparation of conference proceedings:** Halushko O.A., Byshovets S.M.

**Translation:** Pylypenko M.M., Kuchynska I.A., Masoodi A.V., Stoyan G.S., Beysyuk O.M., Beley N.A., Pozniak-Haraburda K.V.

**Social program:** Lisyansky M.S., Masoodi A.V., Ablazova O.V.

### **British-Ukrainian cooperation:**

Roman Cregg (+38 050 779 54 07, roman290575@hotmail.com)

**Web-site [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)	
April 19th, Wednesday	14:00-17:00				Workshop Vascular access		
	14:00-18:00	Kyiv Clinical Emergency Municipal Hospital, Auditorium of the Anaesthesiology department-refresher course					
April 20th, Thursday	8:00 - 9:00	Refresher course	Current issues in IT of critical conditions				
	9:15-10:00	<b>Opening remarks and welcome</b>					
	10:00-13:00	Historical aspects and new directions in anaesthesiology and intensive care	Current issues in IT of critical conditions	Ultrasound imaging of the central veins, protocols BLUE, FAST. from 10:30 Passive Leg Raising Test ( Banquet Hall)	Session of short scientific reports. From 12:00 Satellite Symposium "Neurosurgery of pain."		
	<b>13.10 Gathering for a group photo.</b>						
	14:00-16:00	Current issues in IT and neuro-IT	Current issues in anaesthesiology	"Difficult airways" Workshop	From 13.30 Meeting of "basic department" and management of UAA	Symposium "Neurosurgery of pain"	
16:15-18:15	Current issues in anaesthesiology and IT	Current issues in IT		Session of short scientific reports			
April 21st, Friday	8:30 - 11:15	New aspects in fluid management	Workshop. Practical aspects of respiratory support	Workshop. Catheterization of the large blood vessels	Current issues in paediatric anaesthesiology and IT	Cadaver workshop. Regional anaesthesia techniques (path.anatomy building). Nurse session (radiosurgical building)	
	11:30-13:00	Treatment of nosocomial infections	Workshop. Support with serious trauma				
	14:00-15:45	IT and postoperative analgesia	Anaesthesia and IT with concomitant cardiac pathology	"Difficult airways" Workshop (Bronchoscopy, cricothyrotomy)			
	16:00-18:00	Regional anaesthesia. Pain management	Analysis of clinical cases				
	18:00-18:15	Discussions, conclusions and resolution					
April 22nd, Saturday	9:00 - 10:00		"Difficult airways" Workshop Q & A Session	Workshop. Hall C3. Simulation of critical ventilation disorders in children. Workshop. Hall C1. CPR			
	10:00-11:00	Workshop. Simulation of critical incidents during anaesthesia					
	11:00-14:00	Cerebroprotection in evidence based medicine	Workshop. Practical aspects of respiratory support	Workshop. Simulation of severe trauma treatment			
	14:15	<b>Closing of the Symposium</b>					

## PROGRAMME

**Wednesday, April 19<sup>th</sup>**

### Refresher course

<b>Clinical Hospital "Feofania" (Hall D, administrative building). Workshop.</b>		
14:00 -16.00	Vascular access with the use of imaging techniques	A.M. Strokan'
16.00 -16.30	Placement technique and post care after PICCs implantation (Peripherally inserted central venous catheters )	Sam Sin Kenneth (The Netherlands)
16.30 -17:00	Implantation of port systems in children	D.V. Dmitriev

<b>Kyiv Clinical Emergency Municipal Hospital, Auditorium of the Department of Anaesthesiology. Refresher course – analysis of materials from new European guidelines.</b>		
14:00-14:45	Intensive therapy of cardiogenic shock (updated recommendations)	O.A Loskutov
14:45-15:45	New directions in anaesthesiology: combined heart-liver transplantation. Questions to the American anaesthesiologist	Ihor Zhukov (USA)
15:45-16:30	Intensive care of Thoracic Trauma	L.V. Zgrgeblovskya
16:30-17:15	Diarrhea in the practice of intensive care	M.V. Bondar
17:15 -17:45	Hypoglycemic syndrome in the practice of anaesthesiologist	O.A. Halushko
17:45 -18:00	Questions, answers, discussion	

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

<b>Clinical Hospital "Feofania" (Hall B), Refresher course.</b> Chairmen: S.O. Dubrov, A.M. Strokan', M.V. Bondar		
8:00 -8:35	Principles of protective mechanical ventilation and role of transpulmonary pressure monitoring	O.E. Satyshur (Belarus)
8:40 -9:15	Early nutritional support of critically ill patients: from infusions to enteral nutrition	S.O. Dubrov

### Registration

**8:00-9:15**

<b>9:15-10:00</b>	<b>Opening ceremony (Hall A)</b>	<b>Chief of the NA of MS, academician V.I. Tsymbaliuk</b> <b>Rector of P.L. Shupyk NMA of PE, academician Yu.V. Voronenko</b> <b>Delegates from Ukrainian Ministry of Health</b> <b>Head of the Clinical Hospital "Feofania" I.P. Semeniv</b> <b>Professor O.A. Loskutov</b> <b>Dr. Roman Cregg (UK)</b> <b>Professor Ashkan Keyoumars (UK)</b> <b>Professor Hartmut Bürkle (Germany)</b>
-------------------	----------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Session (Hall A). Historical aspects and new directions in anaesthesiology and intensive care</b> Chairmen: O.A. Loskutov, F.S. Glumcher , Roman Cregg, M.V. Bondar		
10:00-10:15	History of Anaesthesia development	O.A Loskutov
10:15 -10:30	History of the department of anaesthesiology and intensive care of NMAPE named P.L. Shupyk	M.V. Bondar
10:30 -11:00	Interaction of neurosurgeon with anaesthetists during ITU and theatre cases	Ashkan Keyoumars (UK)
11:00 -11.15	Aspects of patient safety	A.M. Strokan
11:15 -11:45	The national health system of Great Britain: Lessons for Ukraine	Roman Cregg (UK)
11:45 -12:00	Perioperative analgesia - adapting standards	Yu.L. Kuchyn
12:00 -12:30	Does the Individual Anaesthetist Make a difference in the Perioperative Outcomes?	Hartmut Bürkle (Germany)
12:30 -13:00	Prospects of the anaesthesiology service organization in Ukraine, what we can expect according to the American experience	Nazar Kalivoshko (USA)

<b>Session (Hall B). Current issues in intensive care of critical conditions.</b> Chairmen: L.O.Mal'tseva, O.Yu. Sorokina, G.P. Khytryi, O.M. Nesterenko, O.A. Halushko		
8:00 -8:15	Particularities of acute stroke in patients with diabetes	O.A. Halushko
8:15 -8:30	Diagnosis and treatment of victims with spine and spinal cord injuries in the structure of severe combined trauma	O.G. Kramareva

8:30 -8:45	Methods of anaesthesia that influence survival in high-risk surgery	Yu.O. Polentsov
8:45 -9:00	New steps in the diagnosis and IT of sepsis and septic shock in burn patients	O.Yu. Sorokina
9:00 -9:15	TBI: monitoring target-threshold parameters from position of BTF guideline 2016	V.I. Grishin
9:15 -10:00	<b>Break</b>	
10:00 -10:15	TBI: intensive therapy from position of BTF guideline 2016	L.O. Mal'tseva
10:15 -10:30	Intensive care of neurotrauma	U.A. Fesenko
10:30 -10:45	Severe traumatic brain injury, post-traumatic coma	V.I. Cherniy
10:45 -11:00	Coagulopathy in combat trauma: causes, consequences, current treatment guidelines	G.P. Khytryi
11:00 -11:15	The role and place of enteral nutrition in critical care clinic	O.Yu. Sorokina
11:15 -11:30	Balanced infusion therapy during medical evacuation of wounded: balance between protocols and standards in terms of limited resources	O.V. Tkhorevskyy
11:30 -11:45	Modern opportunities of regional anaesthesia in a military hospital	Yu.E. Skurativsky
11:45 -12:00	Changes in some parameters of central haemodynamics during anaesthesia of reconstructive operations for gunshot wounds of the extremities	V.R. Goroshko
12:00 -12:15	Clinical aspects of intensive care of septic shock	M.L. Homon
12:15 -12:30	Prevention and treatment of perioperative blood loss	R.O. Tkachenko
12:30 -12:45	Reactions of coagulation and their correction in acute massive blood loss.	V.I. Lysenko
12:45 -13:00	New technology of extracorporeal antibiotic therapy using donor's washed red blood cells in anaemic patients with sepsis	O.M. Nesterenko

**Session (Hall E, radiosurgical building)**

**Session of short scientific reports. Time-limit 10 min.**

Chairmen: Yu.I. Markov, D.O. Dzyuba, O.N. Druzhyna.

10:00 -10:10	Review of current recommendations and own experience in treating acute bleeding in obstetrics	V.A. Sedinkin
10:10 -10:20	Features of perfusion in elderly patients	O.N. Druzhyna
10:20 -10:30	Stress gastroduodenal ulcers in patients with coma	K.M. Loboyko
10:30 -10:40	The choice of perioperative pain management for patients with abdominal surgery	Ye.O. Gorkavyi
10:40 -10:50	Multimodal analgesia in a 90-year-old patient with left atrial myxoma during MOS of hip fracture	A.V. Stepanov
10:50 -11:00	Transient loss of consciousness	Yu.O. Svytylyk
11:00 -11:10	Anaesthetic components of Fast track surgery during orthopaedic surgery in children	I.B. Kyselova
11:10 -11:20	Choice of strategy of cardiopulmonary bypass during cardiac operations	V.V. Yarovenko
11:20 -11:30	The effects of the use of low-dose heparin and nitroglycerin as a last chance for patients with sudden cardiac death as a result of acute myocardial infarction	I.Yu. Katsytadze
11:30-11:40	Fluid therapy and development of encephalopathy in patients with severe thermal injury	T.O. Buryak
11:40 -11:50	Use of the modern domestic infusion fluids in anaesthesiology	Yu.O. Ploschenko

**Masterclass (workshop) (hall C, Training class, conference centre, entrance from the street, pre-registration required). Basic skill of ultrasound use in the anesthesiology practice for diagnosis of intra-abdominal bleeding and puncture of central veins**

Chairmens: O.E. Domoratskiy, L.V. Skol's'ka, A.V. Dopyryak, K.V. Kamynyuk

10:00 -11:25	Improvement and standardization directions of anaesthetic practice in the diagnosis of intra-abdominal bleeding, protocols FAST, BLUE, RUSH (group 1, 2)	O.E. Domoratskiy L.V. Sko'ls'ka
11:35 -13:00	Ultrasound in practice of anaesthesiologist during central venous puncture (group 2, 1)	O.E. Domoratskiy L.V. Skol's'ka

**Masterclass (workshop). Surgical building. Intensive care department, CPR hall; Registration in advance. Gathering near registration table 15 min. before workshop.**

**Spinal trauma. Practical aspects of extracorporeal support**

Chairmen: O.N. Druzhyna, O.G. Kramareva

10:00 -11:00	Primary care of victims with spine and spinal cord injuries	O.G. Kramareva M.S. Lisyansky
11:10 -13:00	Theoretical and practical aspects of extracorporeal support for Acute heart failure and ARDS	Gary Tsarovsky (USA)



<b>Workshop. Q &amp; A Session (Banquet hall). Passive Leg Raising Test</b>		
Chairmen: I.O., Yovenko, I.A. Kuchynska		
10:30 -11:30	Individual assessment of volume status to determine tolerance to fluid therapy using non-invasive monitoring.	I.O. Yovenko I.A. Kuchynska

<b>Satellite Symposium "Neurosurgery of pain.", Hall E, (radiosurgical building)</b>		
Chairmen: V.I. Tsymbaliuk, E.G. Pedachenko, V.V. Biloshytskiy		
12:00 -12:30	Surgical management of pain	Keyoumars Ashkan (UK)
12:30 -12:50	Neurosurgical treatment of pain syndromes	V.I. Tsymbaliuk
12:50 -13:10	Myelofascicular pain syndromes. Opinion of neurosurgeon	E.G. Pedachenko
13:10 -13:40	Neuromodulation and its applications to treat pain – evidence base	Keyoumars Ashkan (UK)
13:40 -14:00	Treatment of patients with injuries of peripheral nerves, complicated by pain syndromes	I.B. Tretiak
14:00 -14:10	Questions, discussion on reports	
<b>14:10-14:30</b>	<b>Break, coffee break</b>	
Chairmen: Roman Cregg, V.V. Biloshytskiy		
14:30 -14:45	Interventional treatment of pelvic pain	Roman Cregg (UK)
14:45 -15:00	Minimally invasive percutaneous techniques in the treatment of vertebrogenic pain	V.V. Biloshytskiy
15:00 -15:15	Practical application of injection methods of treatment of vertebrogenic and radicular pain syndromes in the neurosurgical department	K.I. Gorbatiuk
15:15 -15:30	Differentiated neurosurgical treatment of typical and atypical drug-resistant prosopalgia	M.F. Posohov
15:30 -15:45	Pain syndromes in the facial area combined with intracranial tumours	V.A. Fedirko
15:45 -16:00	Questions, discussion on reports. Closing satellite symposium	

**13.10 Gathering for a group photo outside at the entrance to the lecture building.  
12.45-14.00 Lunch break.**

<b>Working meeting of the Chief ministerial Anaesthesiology expert of the Ministry of Health of Ukraine and the open meeting of the base Anaesthesiology department (hall D, administrative building).</b>		
Moderators: S.O. Dubrov, O.A. Loskutov		
13:30 -14:00	Open meeting of the base Anaesthesiology department on improvement of training in anaesthesiology and intensive care	O.A. Loskutov
14:00 -14:30	Session of education committee of AAU	Yu.L. Kuchyn
14:30 -16:00	Working meeting of the Chief ministerial Anaesthesiology expert of the Ministry of Health of Ukraine with Chief regional Anaesthesiology experts: results of the year 2016, problems and the short-term goals	S.O. Dubrov O.M. Klihunenko

<b>Session (hall A). Current issues of intensive and neurointensive care.</b>		
Chairmen: A.V. Bilyayev, I.R. Malysh, V.I. Cherniy, S.M. Byshovets'		
14:00 -14:30	Polytrauma management	Vadim Kehm (Germany)
14:30 -14:45	Application of Fast-track surgery principles	V.I. Cherniy
14:45 -15:15	Hypothermia, trauma and coagulation disorders	Peter Paal (Austria)
15:15 -15:30	Septic cardiomyopathy – approaches to treatment	V.V. Nikonov
15:30 -16:00	Particularities of anaesthetic management of patients with concomitant obesity	Ihor Zhukov (USA)

<b>Session (hall B). Current issues of anaesthesiology</b>		
Chairmen: S.M. Hrytsenko, Yu.Yu. Kobelyatskiy, R.O. Tkachenko, L.M. Smirnova, A.O. Zhezher		
14:00 -14:15	Fast-track surgery in gynaecology: role of anaesthesiologist	S.M. Hrytsenko
14:15 -14:30	Regional analgesia in surgical oncology	D.V. Dmytriiev
14:30 -14:45	Danger of adaptive mechanisms damage during anaesthesia for surgeries due to pancreaticoduodenal zone organs diseases	L.M. Smirnova
14:45 -15:00	Controlled hypotension in different types of surgery	A.A. Al'bokrinov
15:00 -15:15	Particularities of treatment of venous thromboembolic complications in pregnancy	R.O. Tkachenko

15:15 -15:30	Electric welding of live tissues – a new factor in surgery of fast recovery (Fast-track surgery protocol)	S.I. Savolyuk
15:30 -15:45	Coagulation changes after hip replacement performed under regional anesthesia	V.I. Kolomachenko
15:45 -16:00	New approaches to regulation of surgical stress response	Yu.Yu. Kobelyatskiy

**Masterclass (workshop), Q&A session (hall C, training class, conference centre, entrance from the street; registration in advance is required). «Difficult airway».**

Moderators: O.E. Domoratskiy, V.M. Orel, V.Yu. Sadoviy

14:00 -16:00	Practicing basic and advanced skills in establishing control over «difficult airway» on various mannequins. Practicing cricothyrotomy on anatomical preparations of trachea using classic methods and QuickTrach, single-step dilatational tracheostomy (Blue Rhino), balloon dilatational tracheostomy (Blue Dolphin)	O.E. Domorats'kiy V.M. Orel M.V. Tarasenko V.Yu. Sadoviy
--------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------

**16.00-16:15 Break**

**Session (hall A). Current issues in anaesthesiology and intensive care**

Chairmen: S.O. Dubrov, V.I. Cherniy, I.I. Titov, M.M. Pylypenko

16:15 -16:30	Use of ultrasound in anaesthesiology: focus on epiaortic echography	Ihor Zhukov (USA)
16:30 -16:45	Antimicrobial therapy in nosocomial infections in ICU	S.O. Dubrov
16:45-17:15	Mechanical circulatory support in acute heart failure and extracorporeal technologies in intensive care	Gary Tsarovskiy (USA)
17:15 -17:30	Application of quantitative EEG for evaluation of efficacy of neurometabolic therapy	V.I. Cherniy
17:30 -18:00	Haemorrhagic shock and trauma	Rainer Lenhardt (USA)
18:00 -18:15	End-of-life care (sedation)	V.Yu. Artemenko
18:15 -18:30	What should be demanded from blood service in healthcare institutions in daily practice and what should be demanded during wartime and catastrophes	M.M. Pylypenko

**Session (hall B). Current issues in intensive care.**

Chairmen: O.O. Budnyuk, O.M. Nesterenko, Yu.V. Volkova, S.M. Byshovets'

16:15 -16:45	Masterclass in consciousness assessment and depth of coma evaluation. Questioning neurosurgeon and anaesthesiologist	Ashkan Keyoumars (UK)
16:45 -17:00	Reserve body capabilities and intensive care in patients with elevated body mass index (BMI)	Yu.V. Volkova
17:00 -17:15	HELLP-syndrome: diagnostics, complications and particularities of treatment	O.O. Budnyuk
17:15 -17:30	Interventions that improve results of surgical treatment of patients of elderly and senile age	S.I. Vorotyntsev
17:30 -17:45	Botulinum toxin type A in the treatment of chronic migraine	V.V. Biloshyts'kiy
17:45 -18:00	Experience of application of different antibiotic treatment schemes	A.V. Tarasyuk (Belarus)
18:00 -18:15	Microbial landscape of patients with necrotizing pancreatitis: is there a danger of antibiotic resistance?	I.A. Kuchyns'ka
18:15 -18:30	Analysis of a complicated clinical case: anaesthesia for patients with a giant anterior mediastinal tumour	Ihor Zhukov (USA)

**Hall D, administrative building. Session of short scientific reports. Duration of presentation – 7 min.**

Moderators: Yu.I. Markov, D.O. Dzyuba, V.G. Kolesnikov

16:15 -18:00	Renal replacement therapy substantiation method: clinical and economical aspects	V.P. Stelmaschuk
	Particularities of anaesthesia in surgical correction of funnel chest deformity according to NUSS	I.I. Migal'
	Mechanical ventilation in patients with morbid obesity	O.V. Vinnichenko
	Pheochromocytoma: particularities of anaesthetic management	M.V. Kunatovs'kiy
	Use of levosimendan in patients with low left ventricular output	M.V. Khartanovich
	Haemodynamics regulation during anaesthesia in patients with concomitant arterial hypertension	V.G. Kolesnikov
	Vascular rings in children with congenital heart diseases – perioperative period particularities and it's complications	R.M. Yemets'
	Impact of surgical incision on the dynamics of inflammatory markers	A.V. Ivanyuk
	Dynamics of anti-inflammatory factors during stenting in ACS	V.F. Veremchuk
Impact of air embolism on cognitive disorders in early postoperative period after aortocoronary bypass (ACB) surgeries	D.O. Radyushin	

Perioperative preventive analgesia in oncology patients using nociception index monitoring	Yu.V. Mazanko
Experience of haemodialysis in hemodynamically unstable patients	I.M. Tsvik
Inhalation anaesthesia and perioperative management in energy-structural impairment in patients with acute abdominal pathology	O.M. Boitsova
Emergency sonographic protocols in anaesthesia and intensive care	L.V. Skol's'ka
Clinical case of anaphylactic shock treatment at induction of anaesthesia	A.V. Masudi
Practical use of TAP blocks	V.V. Martsiniv
Fast track in elective gynaecological surgery	O.S. Lashkul

## **Friday, April 21<sup>st</sup>**

### **CADAVER WORKSHOP: exploring techniques of regional anaesthesia on a human cadaver. Intraosseous access placement. (hall F, building of pathological anatomy unit of the hospital; advance registration is 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). Mastering the blockade techniques. Meeting 15 minutes before the start of training at the registration desk.

Moderators: A.M. Strokan', Nazar Kalivoshko, V.S. Fesenko

9:00-10:30	Group 1	R. Cregg, V.S. Fesenko, A.A. Al'bokrinov
10:40 -12:10	Group 2	N. Kalivoshko, V.I. Kolomachenko, R.P. Chaplins'kiy
12:20 -13:50	Group 3	B. Kem, A.M. Strokan', B.V. Mikhailov, U.A. Fesenko

### **Session (hall A). New aspects for infusion transfusion therapy in anesthesiology and IC**

Chairmen : R.O. Tkachenko, O.M. Klichunenko, U.A. Fesenko, O.E. Domorats'kiy

8:30 -8:45	Particularities of infusion therapy for stroke	O.A. Galushko
8:45 -9:00	Balanced infusion therapy in treatment of intra-abdominal infection	O.E. Domorats'kiy
9:00 -9:15	Controversial aspects of perioperative fluid management	O.M. Nesterenko
9:15 -9:30	Water-electrolyte imbalance in neuro ICU	U.A. Fesenko
9:30 -9:45	Infusion therapy in patients with acute abdominal pathology	O.M. Klichunenko
9:45 -10:15	Prehospital analgesia, airways management and shock treatment	Peter Paal (Austria)
10:15 -10:30	Damage Control in polytrauma – modern principles	I.O. Iovenko
10:30 -11:00	Traumatic brain injury and perioperative fluid management	Rainer Lenhardt (USA)
11:00 -11:15	Impact of different types of infusion therapy in caesarean section on woman and baby	R.O. Tkachenko

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

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

8.45 -9:00	Use of respiratory strategies in patients with severe respiratory failure	V.P. Fronchko
9:00 -9:15	Early post-intubation tracheal injuries	A.V. Serhienko

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

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

9:15 -9:45	Indications for non-invasive ventilation, endotracheal intubation and weaning from mechanical ventilation	L.V. Zgrzheblovs'ka M.M. Pylypenko
9:45 -10:15	Monitoring of compliance and resistance during spontaneous breathing and support of spontaneous breathing during mechanical ventilation – “PRO”	M.M. Pylypenko
10:15 -10:45	Monitoring of compliance and resistance during spontaneous breathing and support of spontaneous breathing during mechanical ventilation – “CONTRA”	O.Yu. Khomenko
10:45 -11:15	Respiratory monitoring. Electrical impedance visualization of lung mechanics	D.A. Furmanchuk (Belarus)

### **Seminar and masterclass for nurses and anaesthetists of ICU (hall E, radiosurgical building)**

#### **New standards in the work of nurses.**

Moderators: B.V. Mikhailov, V.I. Babenko, M.V. Bondar, S.I. Babak, I.A. Kuchynska

9:00 -9:15	Opening session Greetings from the co-chairmen and coordinators of BUS-9 Presenting the team of lecturers and trainers Test questionnaire for participants	M.V. Bondar S.I. Babak A.M. Strokan' B.V. Mikhailov
9:15 -9:30	Nursing – integral part of healthcare service in Ukraine: modern situation, directions of development and organization of work of nurse in ICU	B.V. Mikhailov
9:30 -9:45	Experience of organization of work and learning at work of ICU nurse in	T.V. Nakonechna

	England: key points	
9:45 -10:00	Particularities of care for patients with respiratory support	V.I. Babenko
10:00 -10:15	Role of nurse in prophylaxis of catheter-related bloodstream infections	N.P. Savchenko
10:15 -10:45	Placement technique and post care after PICCs implantation (peripherally inserted central venous catheters)	Sam Sin Kenneth (the Netherlands)
10:45 -11:00	Roundtable on standards in the work of nurses	All participants
<b>11:00 -11:15</b>	<b>Break</b>	
11:15 -12:00	Masterclass on the venous access: «Safe catheterization technique and care for peripheral venous access»	I.V. Kyselova V.I. Babenko
12:00 -12:45	Masterclass: «Training the standard techniques of life support and skills of work with automatic external defibrillator». Particularities of CPR on pregnant women	I.A. Kuchynska O.G. Kramareva
12:45 -13:15	Testing the participants. Closing seminar	Moderators

<b>Masterclass for nurse anaesthetists (meeting at 13-30 in the hall of first building)</b>		
<b>Workplace of nurse anaesthetist in operating theatre</b>		
Moderators: V.I. Babenko, T.V. Nakonechna		
13:30 -15:00	Meeting and allocation for operating rooms (2 operating rooms with 10 participants in each)	T.V. Nakonechna
15:00 -15:30	Round table: «Workplace of nurse anaesthetist» (Administrative building – 4 floor, hall D)	V.I. Babenko T.V. Nakonechna

<b>Session (hall D, administrative building). Current issues in pediatric anesthesiology and intensive care.</b>		
Chairmen: A.V. Biliaiev, M.A. Georgiyants, V.A. Zhovnir, V.I. Snisar		
9:00 -9:15	Problematic issues of analgesia in children with epidermolysis bullosa	S.M. Yaroslavs'ka
9:15 -9:30	Sedation and analgesia in primitive (outlying from operating theatre) conditions	V.I. Snisar
9:30 -9:45	Strategy of fast recovery (ERAS, Fast-track surgery)	D.V. Dmitriev
9:45 -10:00	Presentation of clinical protocol project for treatment of sepsis in children	M.A. Georgiyants
10:00 -10:15	Discussion of clinical protocol project for treatment of sepsis in children	M.A. Georgiyants
10:15 -10:30	Clinical cases of successful tetanus treatment in children	A.A. Al'bokrinov
10:30 -10:45	Grounding the use of different methods of respiratory support for prophylaxis of severe forms of bronchopulmonary dysplasia in premature infants	A.V. Bolons'ka
10:45 -11:00	Epidural anaesthesia and analgesia for thoracic interventions in paediatric orthopaedics	A.O. Khmizov
11:00 -11:15	Role of diaphragm ultrasound in planning the strategy of weaning from mechanical ventilation in children/	O.V. Filyk
<b>11:15 -11:30</b>	<b>Coffee break</b>	
11:30 -11:45	Clinical case of Degos disease	I.M. Yachnik
11:45 -12:00	Clinical case of severe nutritive insufficiency complicated by spontaneous diffuse emphysema	T.G. Chukhray
12:00 -12:15	Particularities of anaesthetic management and psychological aspects in children with pilonidal cyst	S.M. Yaroslavs'ka
12:15 -12:30	Efficacy of perioperative lidocaine infusion in children	V.M. Perova-Sharonova
12:30 -12:45	Perioperative prevalence of stress ulceration and it's gastric acid dependency in children	Yu.A. Iskra
12:45 -13:00	New opportunities in assessment of consciousness levels and pain during analgosedation and anaesthesia	M.V. Levits'kiy
13:00 -13:15	Discussion on reports	

<b>Masterclass (workshop), Q&amp;A session (hall C, training class, conference centre, entrance from the street; registration in advance is required). «Simulation of critical conditions».</b>		
Moderators: O.A. Loskutov, V.G. Kolesnikov		
9:00 -11:00	Puncture and catheterization of major vessels without visualization («blind method»). Practicing the skills of central venous and arterial catheterization for invasive monitoring, infusion therapy and extracorporeal methods in ICU on a mannequin	O.A. Loskutov V.G. Kolesnikov

#### 11:15-11:30 Break

<b>Session (hall A). New aspects of hospital-acquired infections treatment</b>		
Chairmen: R.O. Tkachenko, I.R. Malysh, L.V. Zgrzheblovskaya, M.V. Bondar		
11:30 -11:45	Abdominal sepsis: a new look at an old problem	I.R. Malysh
11:45 -12:15	Perioperative antibiotic prophylaxis	Vadim Kehm

		(Germany)
12:15 -12:30	Modern views on pathogenesis, diagnostics and IC of sepsis	V.I. Cherniy
12:30 -12:45	Klebsiella pneumonia: familiar stranger	L.V. Zgrzheblovskya
12:45 -13:00	Problem of antibiotic resistance in obstetrics	R.O. Tkachenko

**Masterclass (workshop), (hall B). Practical aspects of severe trauma management.**

Moderators : I.O. Yovenko, M.M. Pylypenko, I.A. Kuchynska

11:30 -12:15	How to treat hypothermic patients in the field (rescue package) and in the hospital	PeterPaal (Austria)
12:15 -13:00	Searching for a balance of treatment in patients with severe trauma with ongoing bleeding and SHI	Rainer Lenhardt (USA)

**Masterclass (workshop), surgical building, intensive care unit, resuscitation room; registration in advance is required; meeting at 11:10 at the registration desk for workshops.**

Moderator: O.M. Druzhina

11:30 -13:30	Practical aspects of extracorporeal support in ADHF and ARDS. Practicing skills.	Gary Tsarovsky (USA)
--------------	----------------------------------------------------------------------------------	----------------------

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

**Session (hall A). Current issues in anesthesiology, intensive care and postoperative analgesia.**

Chairmen: V.I. Cherniy, Yu.Yu. Kobelyatskiy, I.R. Malyshev, I.A. Khripachenko

14:00 -14:15	Does modern anaesthesia have long term consequences?	Yu.Yu. Kobelyatskiy
14:15 -14:45	Mistakes that we make – why we can talk about it and you can't?	Roman Cregg (UK)
14:45 -15:00	Once more about preventive analgesia. What has changed?	I.I. Lisniy
15:00 -15:15	Principles of dynamic decision-making during anaesthesia	I.A. Khripachenko
15:15 -15:30	Computer technologies in anaesthesiology and intensive care. Virtual reality in medicine.	A.V. Krilov
15:30 -15:45	Legal aspects of conflict in critical care medicine: what to be ready for	O.E. Domoratskiy

**Session (hall B). Aspects of anaesthesia and intensive care in patients with concomitant cardiac pathology.**

Moderators: O.A. Loskutov, A.P. Mazur

14:00 -14:15	System approaches to target organ protection in surgical patients	O.M. Parkhomenko
14:30 -14:45	Anaesthetics and organ protection	O.A. Loskutov
14:45 -15:00	Anaesthetic and intensive care aspects in patients with aortic stenosis	A.P. Mazur
15:00 -15:15	Particularities of cerebral circulation in patients of elderly and senile age with arterial hypertension during anesthesia	O.A. Loskutov
15:15 -15:30	Innovative perioperative ECG monitoring during coronary stenting with standard approaches to anaesthesia	D.O. Dzyuba
15:30 -15:45	Neurotoxic effect of general anaesthesia: a myth or a real problem?	A.P. Mazur

**Masterclass (workshop), Q&A session (hall C, training class, conference center, entrance from the street; registration in advance is required). «Difficult airway».**

Moderators: O.O. Budnyuk, O.E. Domoratskiy, V.M. Orel, M.V. Tarasenko

14:00 -16:00	Practicing basic and advanced skills in establishing control over «difficult airway» on various mannequins. Practicing cricothyrotomy on anatomical preparations of trachea using classic methods and QuickTrach, single-step dilatational tracheostomy (Blue Rhino), balloon dilatational tracheostomy (Blue Dolphin)	O.O. Budnyuk, O.E. Domoratskiy V.M. Orel M.V. Tarasenko
--------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------

**15:45 -16:00 Break**

**Session (hall B). Current issues in intensive care**

Chairmen: M.V. Bondar, Yu.I. Markov

16:00 -16:15	Organization of interstate medical transportation of patients, citizens of Ukraine, from abroad to continue treatment at homeland	Yu.I. Markov
16:15 -16:30	Modern tendencies in perioperative analgesia	Yu.Yu. Kobelyatskiy
16:30 -16:45	Inhalation anaesthetic consumption at low-/minimal flow anaesthesia in endocrinesurgery	S.O. Tarasenko
16.45 -17:00	Modern approaches to perioperative period in gynaecology	E.V. Grizhimal's'kiy

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

Moderators: O.A. Loskutov, M.V. Bondar, I.V. Kyselova

17:00 -17:30	Presentation and discussion of a clinical case	O.A. Loskutov
17:30-18:00	Presentation and discussion of a clinical case	I.V. Kyselova O.D. Pal'zhok

<b>Session (hall A). Current issues in anesthesia, regional anesthesia and postoperative pain management</b>		
Chairmen: A.M. Strokan', Roman Cregg, V.S. Fesenko, Nazar Kalivoshko, S.I. Vorotyntsev		
16:00 -16:30	How to increase patient safety in an anaesthesia department	Hartmut Bürkle (Germany)
16:30 -16.45	Mini-dose of oxytocin at the onset of spinal anaesthesia for caesarean section	V.S. Fesenko
16:45 -17:00	Neurologic complications related to orthopaedic surgical interventions and trauma surgeries	A.M. Strokan'
17:00 -17:30	Technical skills in anaesthesiology and intensive care: it's time to include basic ultrasound techniques in training program for Ukrainian interns	S.I. Vorotyntsev
17:30 -17:45	New in regional anaesthesia	Nazar Kalivoshko (USA)
17:45 -18.00	Regional blocks as a component of non-opioid anaesthesia in obese patients	S.I. Vorotyntsev

**17:45-18:15 Discussion, conclusions, adoption of a resolution  
Planning BUS 10 for April 18<sup>th</sup>-21<sup>st</sup> in 2018.**

### **Saturday, April 22<sup>nd</sup>**

<b>Masterclass (workshop), Q&amp;A session (hall A). Simulation of critical incidents during anaesthesia. Cerebroprotection: «For» and «Against»</b>		
Moderators: O.A. Loskutov; O.A. Galushko		
10:00 -11:00	Simulation of pressor responses which occur during induction of anaesthesia and endotracheal intubation, their prophylaxis and treatment	O.A. Loskutov
11:00 -12:00	Cerebroprotection in evidence based medicine - «PRO» and «CONRA»	O.A. Galushko
12:00 -12:30	Questions and answers	

<b>Masterclass (workshop), Q&amp;A session (hall B). Airways and respiratory medicine</b>		
Moderators: L.V. Zgrzheblavska, A.M. Strokan', M.M. Pylypenko, O.M. Druzhina		
9.00 -11:00	Basic and advanced approaches to difficult airway	Hartmut Bürkle (Germany) Vadim Kehm (Germany)
11:00 -13:00	Practical aspects of respiratory support. Lung recruitment in details	M.M. Pylypenko O.Yu. Khomenko D.A. Furmanchuk

<b>Masterclass (workshop), Q&amp;A session (hall C, training class, conference centre, entrance from the street); registration in advance is required</b>		
Moderators: I.V. Kiselyova, V.O. Krylyuk, I.A. Kuchynska		
9:00 -10:00 and 10.05 -11.05	Hall C3. Particularities of mechanical ventilation in neonates. Diagnostics and treatment of pneumothorax in neonates. 2 groups. Duration – 1 hour	I.V. Kiselyova L.D. Tantsyura O.Yu. Khomenko
9:00 -11:00	Hall C1. Basic and advanced cardiopulmonary resuscitation (BLS and ACLS). Practicing skills on a simulator and on a mannequin. (Clinical scenarios of electrical injury, drowning, traffic accident)	V.O. Krylyuk I.V. Kuzmins'kiy O.G. Kramareva
11:10 -12.30 and 12.40 -14.00	Assessment of trauma patients according to CABCDE framework. Technical aspects of emergency manipulations. 2 groups. Duration 1 hour 20 minutes	I.A. Kuchyns'ka O.G. Kramareva A.V. Yuzvyshyn O.D. Beisiuk

**14.15. Closing the symposium**