Serbian Association of Anesthesiologists and Intensivists in collaboration with Center for Anesthesiology and Reanimatology of the Clinical Center Niš organize

EIGHT ANNUAL SPRING SCIENTIFIC SYMPOSIUM IN ANESTHESIOLOGY AND INTENSIVE CARE

PROGRAM

Friday, April 21st – Sunday, April 23rd 2017, Niš, Serbia
Constantinus Palace Hotel Tami Residence Niš, Serbia

springsymposium2017office@gmail.com
Registration opens at 16.00  

Friday 21st April, 19.00 – 21.00

Constantinus Hall
OPENING CEREMONY

WELCOME AND INTRODUCTION WORDS

Radmilo Janković, MD, PhD,  
Chairman of the organizational and the scientific committee

Vojislava Nešković, MD, PhD,  
President of the Serbian Association of Anesthesiologists and Intensivists

Stefan De Hert, MD, PhD,  
President Elect of the European Society of Anaesthesiology

Jannicke Mellin-Olsen, MD,  
President Elect of the World Federation of Societies of Anaesthesiologists

HONORARY INVITED LECTURES

History of Thoracic Anesthesia  
Jay Brodsky, MD, Professor, Anesthesiology, Perioperative and Pain Medicine  
Stanford University Medical Center, Stanford, USA

The anaesthesiologist and perioperative outcome: we can make the difference!  
Daniela Filipescu, MD, PhD; Associate Professor of Anesthesiology,  
Department of Cardiac Anaesthesia & Intensive Care Medicine II, Emergency Institute for Cardiovascular Diseases “Prof. Dr. C.C. Iliescu”, Bucharest, Romania

The CTN trial network of the ESA, lessons learned  
Wolfgang Buhre, MD, PhD,  
Department of Anesthesiology and Pain Medicine, Maastricht Universitair Medisch Centrum, Maastricht, Netherlands
Saturday, April 22nd, 09.00 – 11.00

Constantinus 1 Hall

Session: DIFFICULT AIRWAY MANAGEMENT
Chairs: Biljana Shirgovska, Marijana Karišik

The role of pre-oxygenation in airway management
Maren Kleine-Brueggeney, MD,
Department of Anaesthesiology and Pain Therapy, Inselspital, University Hospital Bern and University of Bern, Switzerland Department of Anaesthesia and Intensive Care, Barts Heart Centre, London, United Kingdom

Videolaryngoscopy in the pre-hospital environment
Lorenz Theiler, MD, associated professor,
Department of Anesthesiology and Pain Therapy, Inselspital, Universitätsspital Bern, Bern, Switzerland

Awake fibre optic intubation or awake videolaryngoscopy for managing predicted difficult airways. What is the new gold standard?
Ilijaz Hodžović, MD, Senior lecturer,
Department of Anaesthetics and Intensive Care Medicine, Cardiff University, Cardiff, United Kingdom

Deeper, blindly and old fashion: does it make sense?
Airway catheters and introducers revisited.
Massimiliano Sorbello, MD,
Department of Emergency, Anesthesia and Intensive Care, AOU Policlinico Vittorio Emanuele, University Hospital Catania, Catania, Italy

Constantinus 2 Hall

Session: PAIN
Chairs: Vojislava Nešković, Ivan Palibrk

X-man: Will I be in pain after surgery? A-gy: Processing...predicting factors are...
Dušica Stamenković, MD, PhD,
Clinic for Anesthesiology and Intensive Care, Military Medical Academy, Belgrade, Serbia

Update on interventional pain management
Navdeep Loomba, MD,
Global Pain Care, Victorville, USA

Evidence based use of lumbar epidural steroids
Nebojša Lađević, MD, PhD,
Center for Anesthesia and Resuscitation, Clinical Center of Serbia, Belgrade, Serbia

Coxibs in the management of acute and perioperative pain for hip arthroplasty
Bratislav Branković, MD,
Department for orthopedics, Institute for prevention, treatment and rehabilitation of cardiac and rheumatic diseases Niska Banja, Niš, Serbia
Tami I Hall

Session: CARDIAC PATIENT
Chairs: Daniela Filipescu, Wolfgang Buhre

The cardiac patient for non-cardiac surgery: Differences between US and European guidelines
Stefan De Hert, MD, PhD,
Department of Anesthesiology, Ghent University Hospital, Ghent University, Ghent, Belgium

Management of acute cardiac failure in critically ill patient
Svetlana Apostolović, MD, PhD,
Clinic for Cardiovascular diseases, Clinical Centre, Niš, Serbia

Atrial fibrillation in the ICU
Gorazd Voga, MD, PhD,
Medical ICU, General Hospital Celje, Celje, Slovenia

How I manage a patient with aortic valve stenosis scheduled for non-cardiac surgery
Dragana Unić-Stojanović, MD, PhD,
Department for Anesthesia and Intensive Care, Institute for Cardiovascular Diseases Dedinje, Belgrade, Serbia

Tami II Hall

Session: FLUIDS AND HAEMODYNAMICS
Chairs: Frank Brunkhorst, Zsolt Molnar

Hemodynamic monitoring in shock: European recommendations and possible future trends
Serban Bubenek, MD, PhD,
University of Medicine and Pharmacy Carol Davilla, Anesthesia and Intensive Care Unit - Institute of Cardiovascular Diseases “Prof. C.C. Iliescu”, Bucharest, Romania

Goal directed fluid therapy
Ketan Shevde, MD,
Division of Cardiac Anesthesiology, SUNY Downstate Medical Center, Brooklyn, New York, USA

Perioperative haemodynamic optimisation
Predrag Stevanović, MD, PhD,
Anesthesiology and intensive care Clinic, University Clinical Hospital Center “Dr Dragisa Misovic - Dedinje”, School of Medicine University of Belgrade, Belgrade, Serbia

Timing of renal replacement therapy in ICU
Bojan Bagi, MD,
Department for Intensive Care, General hospital Subotica, Subotica, Serbia
Saturday, April 22nd, 09.00 – 11.00

Tami Residence Hall
OBSTETRIC DAY
Session: OBSTETRIC ANESTHESIA 1
Chairs: Ivan Veličković, Edward Riley

Advantages of regional anesthesia compared to general anesthesia for Cesarean delivery
Curtis Baysinger, MD,
Department of Anesthesiology, Vanderbilt University, Nashville, USA

Global maternal morbidity and mortality
Neeti Sadana, MD,
Department for Anesthesiology and Pain Management, UT Southwestern Medical Center, Dallas, USA

Obstetric hemorrhage
Ferne Braveman, MD,
Yale University School of Medicine, New Haven, USA

Breastfeeding and labor analgesia & anesthesia
Mirjana Kendrišić, MD, PhD,
Department of Anesthesiology and Intensive Care, General Hospital, Sremska Mitrovica, Serbia

Saturday, April 22nd, 11.30 – 13.30

Constantinus 1 Hall
Session: SEPSIS
Chairs: Małgorzata Mikaszewska-Sokolewicz, Stijn Blot

Immunology of Sepsis
Manu Shankar-Hari, MB, BS, MD, FFICM, MSc, PhD,
Guy’s and St Thomas’ NHS Foundation Trust, London, United Kingdom

Therapeutic drug monitoring for antibiotics in sepsis
Frank Brunckhorst, MD, PhD,
Department of Anesthesiology and Intensive Care Medicine, University Hospital of Jena, Jena, Germany

Sepsis care on the general wards:
lessons from two national point-prevalence studies.
Tamas Szakmany, MD, PhD, EDIC, DESA, FRCA, FFICM,
Aneurin Bevan UHB, Cardiff University, Cardiff, United Kingdom

Cytokine removal in sepsis
Zsolt Molnar, MD, PhD,
Department for Anesthesiology and Intensive Care, University of Szeged, Szeged, Hungary
Constantinus 2 Hall

Session: PATIENT SAFETY
Chairs: Daniela Filipescu, Mirjana Shosholcheva

The Helsinki Declaration on patient safety in anesthesiology: the past, present and future
Jannicke Mellin-Olsen, MD,
Department of Anesthesiology and Intensive Care Medicine, Baerum Hospital,
Oslo, Norway

Quality indicators in ICU-How we stand?
Gordana Jovanović, MD, PhD,
Department of Anesthesiology, Clinical Center of Vojvodina, Novi Sad, Serbia

Anaesthesiologists well-being and quality of life: the patients safety issues
Miodrag Milenović, MD, PhD,
Center for Anesthesiology and Resuscitation, Emergency Center, Clinical Center of Serbia,
School of Medicine, University of Belgrade, Belgrade, Serbia

Medication safety
Zoltan Peto, MD,
Department for Emergency Medicine, University of Szeged, Szeged, Hungary

Tami I Hall

Session: MANAGEMENT OF NEUROMUSCULAR BLOCKADE
Chairs: Dorel Sandesc, Nebojša Lađević

An update on neuromuscular junction physiology and pharmacology
Radmilo Janković, MD, PhD,
Centre for Anaesthesia and Resuscitation, Department for Anesthesiology and Critical Care Medicine, School of Medicine, University of Niš, Niš, Serbia

Management of neuromuscular blockade: is there a European wide best standard
Manfred Blobner, MD, PhD,
Clinic of Anaesthesiology, Technische Universität München, München, Germany

Monitoring of neuromuscular blockade: introducing new devices and techniques
Josep Rodiera Olivé, MD, PhD,
Department of Anesthesiology, Hospital Quirón TEKNON, Barcelona, Spain

Steering neuromuscular relaxation during robot-assisted urological operations
Peter Biro, MD, PhD,
Institute of Anesthesiology, University Hospital Zurich, Zurich, Switzerland
Saturday, April 22nd, 11.30 – 13.30

Tami II Hall

Session: ANESTHESIA 1
Chairs: Kai Zacharowski, Arash Afshari

Severe arterial hypotension during anaesthesia: how do I treat it?
Dan Longrois, MD,
University Paris-Diderot, Département d’Anesthésie Réanimation Chirurgicale, Paris, France

How to accelerate recovery and improve outcome after elective colorectal resection? The role of anesthesiologist
Dragana Radovanović, MD, PhD,
Department of Anesthesia and Intensive Care, Oncology Institute of Vojvodina, Sremska Kamenica, Serbia

Postoperative complications related to anesthesia- how to manage them?
Biljana Shirgoska, MD, PhD,
Anesthesia Department, ENT University Clinic, Skopje, Macedonia

Ophthalmic regional anaesthesia: a review and update
Nikac Tomanović, MD,
East Kent Hospitals University NHS Foundation Trust, Canterbury, United Kingdom

Tami Residence Hall

OBSTETRIC DAY
Session: OBSTETRIC ANESTHESIA 2
Chairs: Ivan Veličković, Mirjana Kendrišić

Oral intake during labor: Time to re-evaluate?
Craig Palmer, MD,
Department of Anesthesiology, University of Arizona Medical Center, Tucson, USA

Difficult airway in obstetrics-still a problem
Borislava Pujić, MD,
Department of Anesthesiology and Intensive Care, Obstetrics and Gynecology Clinic, Clinical Center Vojvodina, Novi Sad, Serbia

Why you need to worry about maternal critical care
Sharon Einav, MD, MSc, professor,
Surgical Intensive Care, Shaare Zedek Medical Center, Jerusalem, Israel

Cardiomyopathies in pregnancy
Marija Kutlešić, MD, MSc,
Department of Anesthesiology and Intensive Care, Centre for Anaesthesia and Resuscitation, Obstetrics and Gynecology Clinic, Clinical Centre Niš, Niš, Serbia
**STATE OF THE ART THORACIC ANESTHESIA SESSION**

**Chairs:** Radmilo Janković, Ketan Shevde

**Hypoxic pulmonary vasoconstriction:** physiology and anesthetic Implications  
Vojislava Nešković, MD, PhD,  
Clinic for Anesthesiology and Intensive Care, Military Medical Academy, Belgrade, Serbia

**Bronchial blockers versus DLTs – advantages and disadvantages**  
Jay Brodsky, MD, Professor, Anesthesiology, Perioperative and Pain Medicine, Stanford University Medical Center, Stanford, USA

**What if my thoracic anesthesia patient has (also) difficult airways?**  
Massimiliano Sorbello, MD,  
Department of Emergency, Anesthesia and Intensive Care, AOU Policlinico Vittorio Emanuele, University Hospital Catania, Catania, Italy

**Early and late cardiac consequences after pulmonary resections**  
Radu Stoica, MD, PhD,  
Institute of Pneumology Marius Nasta, Bucharest, Romania

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**CARDIAC ANESTHESIA**

**Chairs:** Dan Longrois, Stefan De Hert

**Point of care diagnostics in cardiac surgery**  
Kai Zacharowski, MD, PhD,  
Department of Anesthesiology, Intensive Care Medicine and Pain Therapy, University Hospital Frankfurt, Frankfurt am Main, Germany

**Acute kidney injury following cardiac surgery**  
Dejan Marković, MD, PhD,  
Clinic for Cardiac Surgery, Clinical Center of Serbia, Belgrade, Serbia

**Minimal invasive techniques in cardiac surgery, impact for the anesthesiologists**  
Wolfgang Buhre, MD, PhD,  
Department of Anesthesiology and Pain Medicine, Maastricht Universitair Medisch Centrum, Maastricht, Netherlands

**Urgent surgical myocardial revascularisation in patients on dual antiplatelet therapy**  
Saša Kačar, MD, PhD,  
Clinic for Cardiac Surgery, Clinical Center of Serbia, Belgrade, Serbia
**Tami I Hall**

**Session: RESUSCITATION AND TRAUMA**  
**Chairs: Jannicke Mellin-Olsen, Miodrag Milenović**

**Sex and resuscitation**  
Sharon Einav, MD, MSc, professor,  
Surgical Intensive Care, Shaare Zedek Medical Center, Jerusalem, Israel

**Damage control resuscitation in trauma patients**  
Jasna Jevđić, MD, PhD,  
Centre for Anesthesia and Resuscitation, Clinical Centre Kragujevac, Kragujevac, Serbia

**The management of severe trauma brain injury**  
Dorel Sandesc, MD, PhD,  
Department for Anesthesiology and Intensive Care, University of Medicine and Pharmacy “V. Babes” Timisoara, Timisoara, Romania

**Anesthesiological considerations in patient with crush injury**  
Biljana Stošić, MD, PhD,  
General Surgery Clinic, Clinical Center Niš, Niš, Serbia

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**Tami II Hall**

**Session: TRANSFUSION AND HEAMOSTASIS**  
**Chairs: Gordana Jovanović, Arash Asfhari**

**Bloodless surgery**  
János Fazakas, MD, PhD,  
Department of Transplantation and Surgery, Semmelweis University, Budapest, Hungary

**The anaesthesiologist perspective on bleeding management in liver surgery**  
Eleni Katsika, MD, PhD,  
“Hippokration” General Hospital of Thessaloniki, Thessaloniki, Greece

**Coagulation cascade in surgical patients**  
Jasmina Smajić, MD, PhD,  
Department for Anesthesiology and Intensive Care, University Clinical Center Tuzla, Tuzla, Bosnia and Herzegovina

**Management of perioperative anaemia**  
Vesna Marjanović, MD, PhD,  
Centre for Anesthesia and Resuscitation, Clinic for Pediatric Surgery and Orthopedics, Clinical Centre Niš, Niš, Serbia
Tami Residence Hall

OBSTETRIC DAY
PROBLEM BASED LEARNING DISCUSSION SESSION

Parturient with an intrathecal catheter
Ivan Veličković, MD,
Obstetrical Anesthesiology, SUNY Downstate Medical Center, Brooklyn, New York, USA

Establishing spinal anesthesia as the standard for elective cesarean delivery
Edward Riley, MD, PhD,
Anesthesiology, Perioperative and Pain Medicine, Stanford University Medical Center, Stanford, USA

RESIDENTS CORNER
Sunday, April 23rd, 10.30 – 12.30

**Constantinus 1 Hall**

**Session: CURRENT CONCEPTS IN REGIONAL ANESTHESIA**

**Chairs:** Borislava Pujić, Dušica Stamenković

**Spinal opioid side effects: common and uncommon**
Edward Riley, MD, PhD, Anesthesiology, Perioperative and Pain Medicine, Stanford University Medical Center, *Stanford, USA*

**Paravertebral blocks in ICU rib fracture management**
Jinlei Li, MD, PhD, MSc, Yale University School of Medicine, *New Haven, USA*

**An update on TAP block**
Michael Akerman, MD, Department for Anesthesiology, Westchester Medical Center, Valhalla, *New York, USA*

**Epidural in thoracic injury**
Darko Golić, MD, PhD, Department for Anesthesia and Intensive Care, Clinical Center Banja Luka, *Banja Luka, Republic of Srpska, Bosnia and Herzegovina*

**Constantinus 2 Hall**

**Session: CRITICAL CARE**

**Chairs:** Vojislava Nešković, Gordana Jovanović

**Nutrition support in hemodynamically unstable patients after cardiac surgery**
Mirjana Kačar, MD, MSc, Clinic for Cardiac Surgery, Clinical Center of Serbia, *Belgrade, Serbia*

**Indications for steroid therapy in the ICU**
Małgorzata Mikaszewska-Sokolewicz, MD, PhD, Department for Anesthesia and Intensive Care, Medical University Warsaw, *Warsaw, Poland*

**Management of acute hepatic failure in critically ill patient**
Vesna Brzački, MD, PhD, Clinic for Gastroenterology and Hepatology, Clinical Center Niš, *Niš, Serbia*

**Assessment and management of the kidney transplant recipient**
Zorica Dimitrijević, MD, PhD, Nephrology Clinic, Clinical Center Niš, *Niš, Serbia*
Tami I Hall

Session: CHALLENGES IN ANTI INFECTIVE TREATMENT
Chairs: Radmilo Janković, Mirjana Kendrišić

What you always wanted to know about antibiotics but never dared to ask
Ljiljana Gvozdenović, MD, PhD,
Clinical Center of Vojvodina, Novi Sad, Serbia

The value of routine surveillance cultures to guide empiric antibiotic therapy
Stijn Blot, MNSc, PhD,
Department of Internal Medicine, Ghent University, Ghent, Belgium

New strategies in the treatment of Clostridium difficile induced colitis
Srđan Pešić, MD, PhD,
Department for Pharmacology, School of Medicine, Niš, Serbia

Current trends in Clostridium difficile infections in Serbia
Nataša Rančić, MD, PhD,
Department of Epidemiology, Medical faculty, University of Niš, Public Health Institute, Niš, Serbia

Facts about Zika Virus
Steva Stanišić, MD,
Clinic for infectious and tropical diseases, Clinical Center Niš, Niš, Serbia

Tami II Hall

Session: ANESTHESIA 2
Chairs: Biljana Stošić, Dragana Radovanović

Anesthesia for obese patients
Ivan Palibrk, MD, PhD
Center for Anaesthesiology and Resuscitation, Clinic for Abdominal Surgery, Clinical Center of Serbia, Belgrade, Serbia

Hyperoxic acute lung injury: clinically relevant problem in 21st century
Mirjana Shosholcheva, MD, PhD,
Anesthesia, Intensive Care, Reanimation, Emergency medicine, Pain treatment. Medical faculty Ss. Cyril and Methodius University, Skopje, Macedonia

Cognitive dysfunction – do we really know enough?
Milanka Tatić, MD, PhD,
Department of Anesthesia, Oncology Institute of Vojvodina, Sremska Kamenica, Serbia

Organ donor management
Dragan Đorđević, MD, PhD,
Clinic for Anaesthesiology and Intensive Care, Military Medical Academy, Belgrade, Serbia
Sunday, April 23rd, 10.30 – 12.30

**Tami Residence Hall**

**Session: PEDIATRIC ANESTHESIA**  
**Chairs: Dejan Novaković, Vesna Marjanović**

**Propofol in pediatrics**  
Dušica Simić, MD, PhD,  
University Children’s Hospital, **Belgrade, Serbia**

**What about anesthesia outside the operating room for children?**  
Arash Afshari, MD, PhD,  
Department of Anesthesia, Juliane Marie Centre, University of Copenhagen, Rigshospitalet, **Copenhagen, Denmark**

**Childhood obesity: anesthetic risks and challenges**  
Ivana Budić, MD, PhD,  
Centre for Anaesthesia and Resuscitation, Clinic for Pediatric Surgery and Orthopedics, Clinical Centre Niš, **Niš, Serbia**

**Nuss procedure and anesthesia**  
Anna Uram-Benka, MD, PhD,  
Clinic for Pediatric Surgery, Institute for Children and Youth Health Care, **Novi Sad, Serbia**

**Airway management in pediatric patients: what is different?**  
Marijana Karišik, MD,  
Department for anesthesia, Clinic for pediatric surgery, Clinical Center of Montenegro, **Podgorica, Montenegro**
Pre congress courses

Basic TTE for Anesthesiologists

Friday, April 21st, Tami Residence Hotel

Faculty:
Ketan Shevde, MD,
Division of Cardiac Anesthesiology,
SUNY Downstate Medical Center, Brooklyn,
New York, USA

Access limited to 24 participants

Ultrasound guided regional anaesthesia workshop

Part I (12.00 – 14.00):
Introduction lectures
Basics
Basics of ultrasound
Ultrasound-based regional anesthesia: phantom practice—How do I hold the US probe and the needle in-plane vs. out-of-plane approaches
Ultrasound based regional anesthesia of the upper and lower extremity: Basics of what every anesthesiologists needs to know

Break (14.00 – 15.00)

Part II (15.00 – 17.00):
Hands-on Workshops

Workstations:
Upper limb blocks
Lower limb blocks

Faculty:
Jinlei Li, MD, PhD, MSc,
Yale University School of Medicine,
New Haven, USA

Michael Akerman, MD,
Westchester Medical Center, Valhalla,
New York, USA

Access limited to 24 participants
# EIGHT ANNUAL SPRING SCIENTIFIC SYMPOSIUM IN ANESTHESIOLOGY AND INTENSIVE CARE

**Friday, April 21st – Sunday, April 23rd 2017, Niš, Serbia**

## FACULTY LIST:

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<thead>
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<th>Name</th>
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<td>Jay Brodsky</td>
<td>Stanford, USA</td>
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<td>Daniela Filipescu</td>
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<td>Eleni Katsika</td>
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## SCIENTIFIC COMMITTEE:

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<td>Dan Longrois</td>
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<td>Aleksandar Nikolić</td>
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<td>Ivana Mitić</td>
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**Thank you for attending the EIGHT ANNUAL SPRING SCIENTIFIC SYMPOSIUM in Anesthesiology and Intensive Care.**

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