The 5th World Congress on TIVA – TCI &
15th Guidelines and Protocols in Anesthesia and Intensive Care Congress
28-30 September 2017, Timisoara, Romania
Venue: Timisoara Regional Business Center, Str. Eroilor de Tisa, Timisoara

Scientific Program:

➢ Thursday 28th September 2017:- 13:00 onwards, Registration desk will open

Contents:

1. Scientific program details in
   - EUROPA HALL (1st floor) 2-7
   - BEGA HALL (1st floor) 8-12
   - NERA HALL (1st floor) 13-17
   - TIMIS HALL (Ground floor) 18-22

2. Workshop details 23-24
EUROPA HALL (1ST Floor)
Thursday 28th September 2017

15.00  Opening Ceremony

Session  Advancements in Anesthesia and Intensive Care

Moderators: Quirino Piacevoli, Dorel Sandesc

15.00 – 15.30  Cardiac complications after non-cardiac surgery
Stefan de HERT, Belgium

15.30-16.00  TCI in clinical practice
Akos CSOMOS, Hungary

16.00-16.30  Biomarker panel improves cardiac risk stratification in major noncardiac surgery
Radmilo JANKOVIC, Serbia

16.30-17.00  Sepsis improvement efforts: from new definitions to new guidelines
Natalia HAGAU, Cluj Napoca, Romania

17.00-17.30  Halogen bond: The active role of halogen atoms in the binding to biomacromolecules
Giuseppe RESNATI, Italia

17.30-18.00  The discovery and early history of propofol
Iain GLEN, Marea Britanie
EUROPA HALL (1ST Floor)

Friday 29th September 2017

Session Intensive Care

Moderators: Serban Bubenek, Leonard Azamfirei

08.30-09.00 Management of severe asthma attack
Leonard AZAMFIREI, Targu Mures, Romania

09.00-09.30 Guidelines of management of sepsis
Serban BUBENEK, Bucharest, Romania

09.30- 10.00 Double Filtration and Plasmapheresis use in ICU
Olivier MORANNE, France

10.00-10.30 AntiMicrobial Stewardship
Dorel SANDESC, Timisoara, Romania

10.30-11.15 MSD SYMPOSIUM
Current advancements in the treatment of Gram negative bacterial infections
Stefan HOFER, Germany

11.15-11.30 Coffee break

Session Intensive Care

Moderators: Ioana Grintescu, Dorel Sandesc

11.30- 12.30 PFIZER SYMPOSIUM
Dorel SANDESC, Timisoara, Romania
Ioana GRINTESCU, Bucharest, Romania

12.30- 13.00 New Strategies of Lung Protective Ventilation

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Sven PULLETZ, Germany

13.00-13.30 Ventilation in critically ill patients
Davide Alberto CHIUMELLO, Italy

13.30-13.45 SYMPOSIUM MINDRAY DUTCHMED
NEW TECHNOLOGIES IN INTENSIVE CARE

13.45-15.00 Lunch break
Exposition in Exposition hall, Timisoara Regional Business Center
Senate Meeting: SRATI – Hotel Boavista

Session Anesthesia and Intensive Care
Moderator: Constantin Bodolea

15.00-15.30 Individualized perioperative red cell transfusion strategy
Jin LIU, China

15.30-16.00 Respiratory Compromise During Conscious Sedation
Wolfgang HEINRICHS, Germany

16.00-16.30 Multimodal individualized hemodynamic management: how to put the puzzle together?
Zsolt MOLNAR, Hungary

16.30-17.00 Coffee break

Session Advancements in Obstetric Anesthesia
Moderator Serban Virgil Manica

17.00-17.30 Amniotic fluid embolism-clinical issues and challenges
Serban Virgil MANICA, USA

17.30-18.00 Anesthesia for non-obstetric surgery during pregnancy
Peter BIRO, Switzerland

18.00-18.30 Difficult airway in late pregnancy

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18.30-19.00

Post-dural puncture headache in an obstetric patient: an old problem – new solutions

Krzysztof KUCZKOWSKI, USA

Hulya BILGIN, Turkey
EUROPA HALL (1ST Floor)
Saturday 30th September 2017

Session  Intensive Care

Moderator: Dorel Sandesc

09.00-09.30  Fluid responsiveness: Theory and Practice
            Azriel PEREL, Israel

09.30-11.00  SYMPOSIUM BAXTER
            Moderators: Serban Bubenek, Bucharest, Romania
            Jacques Goldstein, Belgium
            Romanian Experience with Prismalung & 5 essential questions about Prismalung
            Șerban BUBENEK, Bucharest, Romania
            Citrate experience & 5 arguments for citrate anticoagulation
            Ovidiu BEDREAG, Timisoara, Romania
            SYMPOSIUM BAXTER
            Oxiris experience & 5 arguments to use it
            Ioana GRINTESCU, Bucharest, Romania

11.00-11.30  Coffee break

Session  Intensive therapy

Moderators: Daniela Filipescu, Dan Longrois

11.30-12.00  The value of dynamic parameters during spontaneous breathing
            Azriel PEREL, Israel

12.00-12.30  Ventilation strategies to reduce postoperative pulmonary complications
            Marcelo GAMA de ABREU, Germania

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The 5th World Congress on TIVA – TCI
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Venue: Timisoara Regional Business Center, Str. Eroilor de Tisa, Timisoara
12.30-13.00  What should one do for patients with increased postoperative troponin values after non-cardiac surgery?
Dan LONGROIS, France

13.00-13.30  Patients blood management program in the perioperative period
Multidisciplinary protocols of patient blood management initiative
Daniela FILIPESCU, Bucharest Romania

13.30-15.00  Lunch break

Session  Advancements in Anesthesia and intensive care

Moderators: Calin Mitre, Marius Papurica

15.00-15.30  Management of obese patients coming for surgery
Raveenthirin RASIAH, Malaysia

15.30-16.00  SYMPOSIUM MSD
BRIDION - seeing is believing
Marius PAPURICA, Timisoara

16.00-16.30  Antifungal treatment guidelines in critically ill patient
Dorel SANDESC, Timisoara, Romania

16.30-16.45  SYMPOSIUM ASTELLAS
Positioning Mycafungin in the treatment of critically ill patient
Ovidiu BEDREAG, Timisoara, Romania

16.45-17.00  Coffee break

17.00-18.00  SYMPOSIUM GENERAL ELECTRIC
Entropy – Clinical perspective
Pawel KCIUK, General Electric Poland

Entropy – Philosophical perspective
Cornel MIRCEA, Timisoara, Romania
BEGA HALL (1ST Floor)

Friday 29th September 2017

Session Intensive Care

Moderator: Dan Corneci

08.30-09.00 Treatment guidelines in malignant hyperthermia
Sanda COPOTOIU, Targu Mures

09.00-09.30 Hepato-renal syndrome
Dan CORNECI, Bucharest, Romania

09.30-10.00 Challenges in geriatric anesthesia
Ruben AZOCAR, USA

10.00-10.30 Oxygen Reserve Index
Tiberiu EZRI, Israel

10.30-11.00 Anaesthetic considerations in liver resections?
Bazil ATELEANU, UK

11.00-11.30 Coffee break

Session Intensive therapy

Moderators: Dana Tomescu, Sanda Copotoiu

11.30-12.00 Difficult Airway Management: What is old and what is new?
Mingzhang ZUO, China

12.00-12.30 SYMPOSIUM: BALKAN ASSOCIATION of VASCULAR ACCESS
Prevention, diagnosis and treatment guidelines of healthcare associated infections
Dana TOMESCU, Bucharest, Romania
Mihai POPESCU, Bucharest, Romania

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12.30-13.00  
Risk recognition and control on the patients with cerebrovascular aging during perioperative period
Yunxia ZUO, China

13.00-13.30  
Sepsis and Love
Zsolt Molnar, Hungary

13.30-15.00  
Lunch break
Exposition in Exposition hall, Timisoara Regional Business Center
Senate Meeting: SRATI – Hotel Boavista

Session  
Intensive Care

Moderator: Janos Szerdejesi

15.00-15.30  
Perioperative GDT and EGDT for septic shock: Big hopes, bigger disappointments
Azriel PEREL, Israel

15.30-16.00  
Inadvertent perioperative hypothermia
John ANDRZEJOWSKI, UK

16.00-16.30  
Cardiopulmonary Resuscitation Protocols for Patients after Cardiac Surgery - Is there something new?
Adrian URSULESCU, Germany

16.30-17.00  
Coffee break

Session  
Intensive Care

Moderators: Marc Lazarovici, Sebastian Tranca

17.00-17.30  
Human Factor in Anesthesiology and Intensive Care
Marc LAZAROVICI, Germany

17.30-18.00  
Preparing the intensive care units for catastrophic conditions
Sebastian TRANCA, Cluj Napoca, Romania
18.00-18.30  A new era in mechanical ventilation – nutrition and metabolism assessment
Dorel SANDESC, Timisoara, Romania

18.30-19.00  Management of rhabdomyolysis syndrome in the ER
Luciana ROTARU, Craiova, Romania
# BEGA HALL (1ST Floor)

**Saturday 30th September 2017**

## Intensive Care

### Session

#### Moderators: Ioana Grigoras, Gabriela Droc

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<td>09.00-09.30</td>
<td>Physical rehabilitation guidelines in critically ill patient</td>
<td>Ioana GRIGORAS, Iasi, Romania</td>
<td>1ST Floor</td>
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<tr>
<td>09.30-10.00</td>
<td>ARDS treatment guidelines</td>
<td>Gabriela DROC, Bucharest, Romania</td>
<td>1ST Floor</td>
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<td>10.00-10.30</td>
<td>Personalized blood pressure targets in the ICU</td>
<td>Frank von HAREN, Australia</td>
<td>1ST Floor</td>
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<td>10.30-11.00</td>
<td>Role of adjutant in management of sepsis</td>
<td>Dinesh Kumar SINGH, India</td>
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<tr>
<td>11.00-11.30</td>
<td>Coffee break</td>
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## Anesthesia and Intensive care

### Session

#### Moderator: Claudiu Zdrehus

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<tr>
<td>11.30-12.00</td>
<td>ERAS, the theory, the evidence, and the future</td>
<td>Medhat SHALABI, UAE</td>
<td>1ST Floor</td>
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<td>12.00-12.30</td>
<td>Postoperative pain management – update</td>
<td>Elena COPACIU, Bucharest, Romania</td>
<td>1ST Floor</td>
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<td>12.30-13.00</td>
<td>Iatrogenic hemodilution: A potential cause for avoidable transfusions?</td>
<td>Azriel PEREL, Israel</td>
<td>1ST Floor</td>
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<tr>
<td>13.00-13.30</td>
<td>Selective intubation guidelines / single lung ventilation</td>
<td>Dan CORNECI, Bucharest, Romania</td>
<td>1ST Floor</td>
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<tr>
<td>13.30-15.00</td>
<td>Lunch break</td>
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</table>
Session  |  Advancements in anesthesia and intensive therapy

Moderators: Ostin Mungiu, Dorel Sandesc

15.00-15.30  |  General training curriculum in pain management
Ostin MUNGIU, Iasi, Romania

15.30-16.00  |  Anesthetist’s interventions in pain therapy
Ovidiu PALEA, Bucharest, Romania

16.00-16.30  |  Interventional management in neoplastic pain
Dan DIRZU, Cluj Napoca, Romania
NERA HALL (1ST Floor)
Friday 29th September 2017

Session WHAT'S NEW IN INTENSIVE CARE

Chairmen: Q. Piacevoli, Italy

08:30-08:55 Precision Medicine
Quirino PIACEVOLI, Italy

08:55-09:20 Delirium in ICU
Frank VON HAREN, Australia

09:20-09:45 Heart Rate control in ICU
Luigi TRITAPEPE, Italy

09:45-10:10 Presepsin: a new biomarker
Radmila KARAN, Serbia

10:10-11:10 SYNTTERGY SYMPOSIUM - RAPID SCREENING AND DIAGNOSTIC METHODS FOR THE CRITICAL PATIENT
Diagnostic and prognostic value of presepsin in clinical practice
Matthias KLINGELE

D Rapid diagnostic methods for pneumonia in ICU setting
Vittorio Sambri

10:55-11:15 Coffee break

SESSION SPECIAL PATIENT POPULATIONS AND ANAESTHESIA

Chairmen: K. Kuczkowski (U.S.A.), R. Goy (Singapore)

11:15-11:40 Maternal fetal and neonatal medicine: What does an anesthesiologist needs to know
Krzysztof KUCZKOWSKI, U.S.A.

11:40-12:05 New horizons in the use of IV remifentanil for labour analgesia

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Raymond GOY, Singapore

12:05-12:30  Update on labour analgesia
Raveenthiran RASIAH, Malaysia

12:30-12:55  Propofol influence on fetoplacental circulation – outcomes and consequences
Kiro CHURLINOV, Macedonia

12:55-13:20  Use of bodyweight as dosing scalar for anesthesia in children and adults in the era of obesity?
Catherijne A. J. KNIBBE, Netherlands

13:20-13:45  Genetic influences on chronic post surgical pain
Tony GIN, Hong Kong

13:30-15:00 Lunch break

SESSION B3 ANAESTHESIA AND SURGERY

Chairmen: R. Rasiah, Malaysia

15:00-15:25  Awake anesthesia for mastectomy, thyroidectomy and upper arms surgeries
DK SINGH, India

15:25-15:50  Effect of adding dexamethasone as a ropivacaine adjuvant in ultrasound-guided transversus abdominis plane block for inguinal hernia repair
Andrijan KARTALOV, Macedonia

15:50-16:15  Anesthesia and analgesia for total knee replacement: an update
Raveenthiran RASIAH, Malaysia

16:15-16:40  A state of the art pharmacological model to simulate drugs and drug interactions in patient simulation
Wolfgang HEINRICHS, Germany

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16:40-17:10   Coffee break

**SESSION**  **DEXMEDETOMIDINE**

*Chairmen: Ma Daqing, U.K., L. Tritapepe, Italy*

17:10-17:35  Dexmedetomidine: research from lab bench to clinical application
Ma DAQING, U.K.

17:35-18:00  Cognitive Functions After TIVA With Dexmedetomidine
Hulya BILGIN, Turkey

18:00-18:25  Dexmedetomidine and sleep disturbance
Luigi TRITAPEPE, Italy

18:25-18:50  Sedation and Regional Anesthesia
Mario BOSCO, Italy
**NERA HALL (1ST Floor)**

*Saturday 30th September 2017*

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<th><strong>SESSION</strong></th>
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<tr>
<td><strong>Chairmen:</strong> F. Mavoungou (France), D.K. Singh (India)</td>
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<tr>
<td>08:30-08:55</td>
<td>Peripheral and neuraxial blocks as a techniques in Opioids sparing regimen</td>
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<tr>
<td>Andrea Tognù, Italy</td>
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<tr>
<td>08:55-09:20</td>
<td>Opioids and Cancer</td>
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<tr>
<td>Antonio Clemente, Italy</td>
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<tr>
<td>09:20-09:45</td>
<td>Hyperlagesia induced by Opioids</td>
</tr>
<tr>
<td>Simona Margarit, Romania</td>
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<tr>
<td>09:45-10:10</td>
<td>Role of IV ketamine in rural anesthesia</td>
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<tr>
<td>DK. Singh, India</td>
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**10:10-10:40**

**SYMPOSIUM DR. REDDY’S**

Multimodal analgesia in perioperative care

Marius Papurica, Romania

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<th><strong>TIVA-TCI: NOT ONLY</strong></th>
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<tr>
<td><strong>Chairmen:</strong> S. Chandra, Indonesia, E. O. Nwasor, Nigeria</td>
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<tr>
<td>11:15-11:40</td>
<td>Ketamine, old drug, new options</td>
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<tr>
<td>Susilo Chandra, Indonesia</td>
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<tr>
<td>11:40-12:05</td>
<td>Combined spinal - epidural Anesthesia for abdominal hysterectomy.</td>
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<tr>
<td>Emilija Ivanov, Macedonia</td>
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<tr>
<td>12:05-12:30</td>
<td>The Future For TIVA and TCI Globally Versus Resource Poor Locations: Where are we now? And where do we want to be?</td>
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Venue: Timisoara Regional Business Center, Str. Eroilor de Tisa, Timisoara
Elizabeth Onuwa NWASOR, Nigeria

12:30-12:55  TIVA at High altitude
Goverdhan PURI, India

12:55-13:20  Sedation in Emergency
Luca MARTINOLLI, Switzerland

13:20 – 13:30  Q&A

13.30-15.00  Lunch break

SESSION  POSTER PRESENTATIONS
15.00-17.00  Chairmen: Q. Piazzaoli (Italy), D. Ionescu (Romania)
TIMIS HALL (Ground Floor)
Friday 29th September 2017

SESSION MONITORING DEPTH OF ANAESTHESIA AND CLOSED LOOP ANESTHESIA

Chairmen: I. Glen, U.K., Ngai Liu, France

08:30-08:55 Bispectral Index monitoring with TIVA
John ANDRZEJOWSKI, U.K.

08:55-09:20 What's new in cerebral monitoring during carotid endoarterectomy
Francesco STILO, Italy

09:20-09:45 Closed loop control system for propofol infusion guided by the BIS
Jose A. REBOSO, Spain

09:45-10:10 Closed-loop IV anesthesia: Impact of Routine Anesthesia
Ngai LIU, France

10:10-10:35 The influence of different pharmacokinetic models on propofol delivery
Iain GLEN, U.K.

10:35-10:55 The role of the pharmacokinetic models on opioids delivery
Alfredo DEL GAUDIO, Italy

10:55-11:15 Coffee break

SESSION OLD AND NEW IN ANESTHESIA

Chairmen: P. Biro, Switzerland, A. Agarwal, India

11:15-11:40 Placebo Effect
Fabrizio BENEDETTI, Italy

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11:40-12:05  Post-operative nausea and vomiting (PONV)
Bojan BAGI, Serbia

12:05-12:30  Fine tuning of neuromuscular relaxation according to surgical needs
Peter BIRO, Switzerland

12:30-12:55  Scope of 3D Printing in Anesthesiology
Ankit AGARWAL, India

12.55 – 13.25  Acute Pain Management and Clinical Practice in China
Tianlong WANG (China)

13:25-13:45  Q&A

13:30-15:00  Lunch break

SESSION  TCI AND SEDATION

Chairmen: S. Margarit (Romania), M. Shalabi (U.K.)

15:00-15:25  Teaching TIVA, TCI with full scale patient simulators
Wolfgang HEINRICHS Germany

15:25-15:50  TCI-sedation. Clinical application
Simona MARGARIT, Romania

15:50-16:15  Target Controlled Infusion (TCI) of antibiotics
Jacopo COLOMBO (Italy)

16:15-16:40  Propofol TCI for procedural sedation by non anesthetists
Medhat M. SHALABI, U.K.

16:40-17:10  Coffee break

SESSION  PK /PD MODEL

Chairmen: S. Jeong, South Korea

17:10-17:35  Pre-/post- and remote conditioning and anesthesia

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Dorel SANDESC, Romania

17:35-18:00  External Validation of LCT/MCT Propofol TCI with LCT propofol Model
Seongwook JEONG, South Korea

18:00-18:25  Managing anti-nociception during closed-loop balanced anesthesia
Filippe MAVOUNGOU, France

18.25 – 18.50  Antibiotics' pharmacokinetic in the critically ill patients
Jacopo Colombo, Italy

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Saturday 30th September 2017

SESSION TIVA/TCI IN MAJOR SURGERY

Chairman: D. Filipescu, Romania

08:30-08:55 Multimodal intra-operative monitoring techniques
Ovidiu BEDREAG Romania

08:55-09:20 Does the type of anesthetic technique affect outcomes after cardiac surgery?
Daniela FILIPESCU, Romania

09:20-09:45 TIVA in cardiac surgery
Goverdhan PURI, India

09:45-10:10 The synergism: the key of Tiva TCI
Alfredo DEL GAUDIO, Italy

10:10-10:35 Which type of anesthesia and monitoring in major hepatic surgery
Antonio MASCIA, Italy

10:35-10:45 Q&A

10:45-11:15 Coffee break

SESSION CANCER AND ANESTHESIA

Chairmen: D. Ionescu (Romania), T. Hales, (U.K.)

11:15-11:40 Regional anesthesia and immune system
Antonio CLEMENTE, Italy

11:40-12:05 Local anesthetics and cancer: Do local anesthetics have antiproliferative effects?

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Daniela IONESCU, Romania

12:05-12:30  Does anaesthetic technique during surgical tumor excision directly influence metastatic cells and cancer recurrence?
Timothy HALES, U.K.

12:30-12:55  Intravenous and Inhaled Anaesthesia. Similarities and Differences, Clinical Parallels.
Vitali STAMOV, Russia

12:55-13:20  The comparison of propofol or sevoflurane anaesthesia on brain damage and inflammatory response during brain tumor surgery
Jasmina Markovic BOZIC, Slovenia

13:20-13:30  Q&A

13:30-15:00  Lunch break

SESSION  POSTER PRESENTATIONS

Chairmen: Q. Piacevoli (Italy), D. Ionescu (Romania)

16:00-17:00  Coffee break

17:00  Closing Ceremony

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WORKSHOPS

THURSDAY, SEPTEMBER 28th

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<td>Basic TCI Workshop with simulator</td>
<td>Ultrasound Guided Peripheral and Central Blocks:</td>
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<tr>
<td>Wolfgang HEINRICHS</td>
<td>Knobology and best practice Upper limb blocks</td>
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<td></td>
<td>Lower limb blocks</td>
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<td>TAP and Pecs Blocks Central Blocks</td>
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<tr>
<td>15:30-17:00</td>
<td>Live, Relive, Discussion</td>
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<tr>
<td>Advanced TCI Workshop with simulator</td>
<td>Mario BOSCO, Antonio CLEMENTE, Andrea TOGNÜ</td>
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<tr>
<td>Matina HEINRICHS</td>
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FRIDAY, SEPTEMBER 29th

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<td>TAP and Pecs Blocks Central Blocks</td>
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<tr>
<td>11:00-12:30</td>
<td>Live, Relive, Discussion</td>
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<tr>
<td>Advanced TCI Workshop with simulator</td>
<td>Mario BOSCO, Antonio CLEMENTE, Andrea TOGNÜ</td>
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<tr>
<td>Matina HEINRICHS</td>
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The 5th World Congress on TIVA – TCI &
15th Guidelines and Protocols in Anesthesia and Intensive Care Congress
28-30 September 2017, Timisoara, Romania
Venue: Timisoara Regional Business Center, Str. Eroilor de Tisa, Timisoara
**SATURDAY, SEPTEMBER 30th**

<table>
<thead>
<tr>
<th>A Hall - Workshop</th>
<th>B Hall – Workshop</th>
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<tr>
<td><strong>09:00-11:00</strong></td>
<td><strong>10:00-13:30</strong></td>
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</table>
| Basic TCI Workshop with simulator  
Wolfgang HEINRICHS | Ultrasound Guided Peripheral and Central Blocks:  
*Knobology and best practice Upper limb blocks*  
*Lower limb blocks*  
*TAP and Pecs Blocks Central Blocks*  
*Live, Relive, Discussion*  
Mario BOSCO, Antonio CLEMENTE, Andrea TOGNÜ |
| **11:00-12:30** | |
| Advanced TCI Workshop with simulator  
Matina HEINRICHS | |