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
EUROPA HALL (1ST Floor)

Thursday 28th September 2017

15.00   Opening Ceremony

**Session**   **Advancements in Anesthesia and Intensive Care**

**Moderators:** Quirino Piancevoli, 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

************
**NERA HALL (1ST Floor)**

**Friday 29th September 2017**

<table>
<thead>
<tr>
<th>Session</th>
<th>WHAT'S NEW IN INTENSIVE CARE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chairmen:</strong> Q. Piacevoli, Italy</td>
<td></td>
</tr>
<tr>
<td>08:30-08:55</td>
<td>Precision Medicine</td>
</tr>
<tr>
<td>Quirino PIACEVOLI, Italy</td>
<td></td>
</tr>
<tr>
<td>08:55-09:20</td>
<td>Delirium in ICU</td>
</tr>
<tr>
<td>Frank VON HAREN, Australia</td>
<td></td>
</tr>
<tr>
<td>09:20-09:45</td>
<td>Heart Rate control in ICU</td>
</tr>
<tr>
<td>Luigi TRITAPEPE, Italy</td>
<td></td>
</tr>
<tr>
<td>09:45-10:10</td>
<td>Presepsin: a new biomarker</td>
</tr>
<tr>
<td>Radmila KARAN, Serbia</td>
<td></td>
</tr>
<tr>
<td>10:10-11:10</td>
<td>SYNTTERGY SYMPOSIUM - RAPID SCREENING AND DIAGNOSTIC METHODS FOR THE CRITICAL PATIENT</td>
</tr>
<tr>
<td>Diagnostic and prognostic value of presepsin in clinical practice</td>
<td></td>
</tr>
<tr>
<td>Matthias KLINGELE</td>
<td></td>
</tr>
<tr>
<td>DRapid diagnostic methods for pneumonia in ICU setting</td>
<td></td>
</tr>
<tr>
<td>Vittorio Sambri</td>
<td></td>
</tr>
<tr>
<td>10:55-11:15</td>
<td>Coffee break</td>
</tr>
</tbody>
</table>

**SESSION SPECIAL PATIENT POPULATIONS AND ANAESTHESIA**

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

*************

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
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
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

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

***********

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
NERA HALL (1ST Floor)

Saturday 30th September 2017

SESSION

OPIOIDS

Chairmen: F. Mavoungou (France), D.K. Singh (India)

08:30-08:55 Peripheral and neuraxial blocks as a techniques in Opioids sparing regimen
Andrea TOGNÙ, Italy

08:55-09:20 Opioids and Cancer
Antonio CLEMENTE, Italy

09:20-09:45 Hyperlagesia induced by Opioids
Simona MARGARIT, Romania

09:45-10:10 Role of IV ketamine in rural anesthesia
DK. SINGH, India

10:10-10:40 SYMPOSIUM DR. REDDY'S
Multimodal analgesia in perioperative care
Marius PAPURICA, Romania

SESSION

TIVA-TCI: NOT ONLY

Chairmen: S. Chandra, Indonesia, E. O. Nwasor, Nigeria

11:15-11:40 Ketamine, old drug, new options
Susilo CHANDRA, Indonesia

11:40-12:05 Combined spinal - epidural Anesthesia for abdominal hysterectomy.

***************
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
Emilija IVANOV, Macedonia

12:05-12:30  The Future For TIVA and TCI Globally Versus Resource Poor Locations: Where are we now? And where do we want to be?
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. Piancevoli (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

************  
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
### OLD AND NEW IN ANESTHESIA

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:15-11:40</td>
<td>Placebo Effect&lt;br&gt;Fabrizio BENEDETTI, Italy</td>
</tr>
<tr>
<td>11:40-12:05</td>
<td>Post-operative nausea and vomiting (PONV)&lt;br&gt;Bojan BAGI, Serbia</td>
</tr>
<tr>
<td>12:05-12:30</td>
<td>Fine tuning of neuromuscular relaxation according to surgical needs&lt;br&gt;Peter BIRO, Switzerland</td>
</tr>
<tr>
<td>12:30-12:55</td>
<td>Scope of 3D Printing in Anesthesiology&lt;br&gt;Ankit AGARWAL, India</td>
</tr>
<tr>
<td>12.55 – 13.25</td>
<td>Acute Pain Management and Clinical Practice in China&lt;br&gt;Tianlong WANG (China)</td>
</tr>
<tr>
<td>13:25-13:45</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>13:30-15:00</td>
<td>Lunch break</td>
</tr>
</tbody>
</table>

### TCI AND SEDATION

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00-15:25</td>
<td>Teaching TIVA, TCI with full scale patient simulators&lt;br&gt;Wolfgang HEINRICHS Germany</td>
</tr>
<tr>
<td>15:25-15:50</td>
<td>TCI-sedation. Clinical application&lt;br&gt;Simona MARGARIT, Romania</td>
</tr>
<tr>
<td>15:50-16:15</td>
<td>Target Controlled Infusion (TCI) of antibiotics</td>
</tr>
</tbody>
</table>

**************

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
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
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

*************
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
TIMIS HALL (Ground Floor)
Saturday 30\textsuperscript{th} September 2017

\textbf{SESSION} \hspace{1cm} \textbf{TIVA/TCI IN MAJOR SURGERY}

\textit{Chairman: D. Filipescu, Romania}

08:30-08:55 \hspace{1cm} Multimodal intra-operative monitoring techniques
Ovidiu BEDREAG Romania

08:55-09:20 \hspace{1cm} Does the type of anesthetic technique affect outcomes after cardiac surgery?
Daniela FILIPESCU, Romania

09:20-09:45 \hspace{1cm} TIVA in cardiac surgery
Goverdhan PURI, India

09:45-10:10 \hspace{1cm} The synergism: the key of Tiva TCI
Alfredo DEL GAUDIO, Italy

10:10-10:35 \hspace{1cm} Which type of anesthesia and monitoring in major hepatic surgery
Antonio MASCIA, Italy

10:35-10:45 \hspace{1cm} Q&A

10:45-11:15 \hspace{1cm} Coffee break

\textbf{SESSION} \hspace{1cm} \textbf{CANCER AND ANESTHESIA}

\textit{Chairmen: D. Ionescu (Romania), T. Hales, (U.K.)}

11:15-11:40 \hspace{1cm} Regional anesthesia and immune system
Antonio CLEMENTE, Italy

************

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
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:40-12:05</td>
<td>Local anesthetics and cancer: Do local anesthetics have ant proliferative effects?</td>
<td>Daniela IONESCU, Romania</td>
</tr>
<tr>
<td>12:05-12:30</td>
<td>Does anaesthetic technique during surgical tumor excision directly influence metastatic cells and cancer recurrence?</td>
<td>Timothy HALE, U.K.</td>
</tr>
<tr>
<td>12:30-12:55</td>
<td>Intravenous and Inhaled Anaesthesia. Similarities and Differences, Clinical Parallels.</td>
<td>Vitali STAMOV, Russia</td>
</tr>
<tr>
<td>12:55-13:20</td>
<td>The comparison of propofol or sevoflurane anaesthesia on brain damage and inflammatory response during brain tumor surgery</td>
<td>Jasmina Markovic BOZIC, Slovenia</td>
</tr>
<tr>
<td>13:20-13:30</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>13:30-15:00</td>
<td>Lunch break</td>
<td></td>
</tr>
<tr>
<td>16:00-17:00</td>
<td><strong>SESSION POSTER PRESENTATIONS</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Chairmen: Q. Piacevoli (Italy), D. Ionescu (Romania)</strong></td>
<td></td>
</tr>
<tr>
<td>17:00</td>
<td>Closing Ceremony</td>
<td></td>
</tr>
</tbody>
</table>

*************
## WORKSHOPS

**THURSDAY, SEPTEMBER 28th**

<table>
<thead>
<tr>
<th>TISA Hall – Workshop</th>
<th>104 Hall - Workshop</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30-15:00</td>
<td>13:30-17:00</td>
</tr>
<tr>
<td>Basic TCI Workshop with simulator</td>
<td>Ultrasound Guided Peripheral and Central Blocks:</td>
</tr>
<tr>
<td>Wolfgang HEINRICHS</td>
<td>Knobology and best practice Upper limb blocks</td>
</tr>
<tr>
<td></td>
<td>Lower limb blocks</td>
</tr>
<tr>
<td></td>
<td>TAP and Pecs Blocks Central Blocks</td>
</tr>
<tr>
<td>15:30-17:00</td>
<td>Live, Relive, Discussion</td>
</tr>
<tr>
<td>Advanced TCI Workshop with simulator</td>
<td>Mario BOSCO, Antonio CLEMENTE, Andrea TOGNÙ</td>
</tr>
<tr>
<td>Matina HEINRICHS</td>
<td></td>
</tr>
</tbody>
</table>

**FRIDAY, SEPTEMBER 29th**

<table>
<thead>
<tr>
<th>TISA Hall - Workshop</th>
<th>104 Hall - Workshop</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-11:00</td>
<td>09:00-12:30</td>
</tr>
<tr>
<td>Basic TCI Workshop with simulator</td>
<td>Ultrasound Guided Peripheral and Central Blocks:</td>
</tr>
<tr>
<td>Wolfgang HEINRICHS</td>
<td>Knobology and best practice Upper limb blocks</td>
</tr>
<tr>
<td></td>
<td>Lower limb blocks</td>
</tr>
<tr>
<td></td>
<td>TAP and Pecs Blocks Central Blocks</td>
</tr>
<tr>
<td>11:00-12:30</td>
<td>Live, Relive, Discussion</td>
</tr>
<tr>
<td>Advanced TCI Workshop with simulator</td>
<td>Mario BOSCO, Antonio CLEMENTE, Andrea TOGNÙ</td>
</tr>
<tr>
<td>Matina HEINRICHS</td>
<td></td>
</tr>
</tbody>
</table>
SATURDAY, SEPTEMBER 30th

TISA Hall - Workshop

09:00-11:00
Basic TCI Workshop with simulator
Wolfgang HEINRICHS

11:00-12:30
Advanced TCI Workshop with simulator
Matina HEINRICHS

104 Hall – Workshop

10:00-13:30
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