5th World Congress on TIVA - TCI
THURSDAY SEPTEMBER 28th

Opening secretary: Participants registration 13:00

Workshops:
1. Dr. PhD. Wolfgang Heinrichs - Dr. Matina Heinrichs
   - Basic TCI Workshop with simulator 13:30 – 15:00
   - Advanced TCI Workshop with simulator 15:30 – 17:00

2. MD. Mario Bosco- Antonio Clemente - Andrea Tognù
   Ultrasound Guided Peripheral and Central Blocks 13:30 - 17:00
   - Knobology and best practice
   - Upper limb blocks
   - Lower limb blocks
   - TAP and Pecs Blocks
   - Central Blocks
   - Live, Relive, Discussion

Opening Ceremony: 17:00 – 19:00
Quirino Piacivel President World SIVA
Dorel Sandesc President of Romanian Society of Anesthesia and Intensive Care
Ovidiu Bedreag President of The Association for Anesthesia and Intensive Care
Greetings from Authorities
18:00 – 18:30 Keynote Lecture: Giuseppe Resnati (Italy)
“Halogen bond: The active role of halogen atoms in the binding to biomacromolecules”

18:30 – 19:00 Keynote Lecture: Iain Glen (U.K.)

“The discovery and early history of propofol”

Concert
FRIDAY SEPTEMBER 29th

Workshops:

3. Dr. PhD. Wolfgang Heinrichs - Dr. Matina Heinrichs
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   - TAP and Pecs Blocks
   - Central Blocks
   - Live, Relive, Discus

5. MD PhD. Samsun Lampotang
   Regional anesthesia simulator for the thoracic spine 15.00 - 17.00
FRIDAY SEPTEMBER 29th

**Session A1 08:30 – 10:45  MONITORING DEPTH OF ANAESTHESIA AND CLOSED LOOP ANESTHESIA**

Chairmen: I. Glen (U.K.) - Ngai Liu (France)

08:35 – 08:55  John Andrzejowski (U.K.)  Bispectral Index monitoring with TIVA

08:55 – 09:15  Francesco Stilo (Italy)  What's new in cerebral monitoring during carotid endoarterectomy

09:15 – 09:35  Jose A. Reboso (Spain)  Closed loop control system for propofol infusion guided by the BIS

09:35 – 09:55  Ngai Liu (France)  Closed-loop IV anesthesia: Impact of Routine Anesthesia

09:55 – 10:15  Iain Glen (U.K.)  The influence of different pharmacokinetic models on propofol delivery

10:15 – 10:35  Tomasz Gaszynski (Poland)  Analysis of BIS recordings during TIVA or inhaled general anaesthesia for morbidly obese patients.

10:35 – 10:50  Q&A

Coffee Break 10:45 – 11:15

**Session A2 11:15 – 13:20  OLD AND NEW IN ANESTHESIA**

Chairmen: P. Biro (Switzerland) - A. Agarwal (India)

11:15 – 11:35  Fabrizio Benedetti (Italy)  Placebo Effect

11:35 – 11:55  ........................................................................................................

11:55 – 12:10  Bojan Bagi (Serbia)  Post-operative nausea and vomiting (PONV)

12:10 – 12:30  Peter Biro (Switzerland)  Fine tuning of neuromuscular relaxation according to surgical needs

12:30 – 12:50  Ankit Agarwal (India)  Scope of 3D Printing in Anesthesiology

12:50 – 13:20  Q&A
Lunch 13:30 – 15:00

Session A3 15:00 – 16:40  TCI and SEDATION
Chairmen: S Margarit (Romania) - M. Shalabi (Egypt)

15:00 – 15:20 Wolfgang Heinrichs' (Germany) Teaching TIVA TCI with full scale patient simulators
15:20 – 15:40 Simona Margarit (Romania) TCI-sedation. Clinical application
15:40 – 16:00 Jacopo Colombo (Italy) Target Controlled Infusion (TCI) of antibiotics
16:00 – 16:20 Medhat M. Shalabi (UK) Propofol TCI for procedural sedation by non anesthesitists
16:20 – 16:40 Q&A

Coffee Break 16:40 – 17:10

Session A4 17:10 – 18:45  PK/PD MODEL
Chairmen: D. Sandesc (Romania) - S. Jeong (South Korea)

17:10 – 17:30 Dorel Sandesc (Romania) Preconditioning during anesthesia
17:30 – 17:50 Samsun Lampotang (U.S.A.) Race-specific Pharmacodynamic model of propofol-induced loss of consciousness
17:50 – 18:10 Seongwook Jeong (South Korea) External Validation of LCT/MCT Propofol TCI with LCT propofol Model
18:10 – 18:30 Filipe Mavoungou (France) Managing anti-nociception during closed-loop balanced anesthesia
18:30 – 18:45 Q&A
FRIDAY SEPTEMBER 29th

Session B1 08:30 – 10:45 WHAT’S NEW IN INTENSIVE CARE

Chairmen: Q. Piacevoli (Italy) - O. Bedreag (Romania)

08:35 – 08:55 Quirino Piacevoli (Italy) Precision Medicine
08:55 – 09:15 Frank Von Haren (Australia) Delirium in ICU
09:15 – 09:35 Luigi Tritapepe (Italy) HR control in ICU
09:35 – 09:55 Radmila Karan (Serbia) Presepsin: a new biomarkers
09:55 – 10:15 Ovidiu Bedreag (Romania) Albumin use in intensive care units (a review of guidelines regarding the albumin use in intensive care units)
10:15 – 10:45 Q&A

Coffee Break 10:45 – 11:15

Session B2 11:15 – 13:20 SPECIAL PATIENT POPULATIONS and ANAESTHESIA’

Chairmen: K.Kuczkowski (U.S.A) - A. Sia (Singapore)

11:15 – 11:35 Krzysztof Kuczkowski (U.S.A) Maternal fetal and neonatal medicine: What does an anesthesiologist needs to know
11:35 – 11:55 Alex Sia (Singapore) New horizons in the use of iv remifentanil for labour analgesia
11:55 – 12:10 Raveenthiran Rasiah (Malaysia) Update on labour analgesia
12:10 – 12:30 Kiro Churlinov (Macedonia) Propofol influence on fetoplacental circulation – outcomes and consequences
12:30 – 12:50 Catherijne A. J. Knibbe (Netherlands) Use of bodyweight as dosing scalar for anesthesia in children and adults in the era of obesity?
12:50 – 13:20 Tony Gin (Hong Kong) Genetic influences on chronic post surgical pain
13:20 - 13:40 Q&A
Lunch 13:40 – 15:00

Session B3 15:00 – 16:40  ANAESTHESIA and SURGERY

Chairmen: W. Heinrichs (Germany) - R. Rasiah (Malaysia)

15:00 – 15:20 Wolfgang Heinrichs (Germany) A state of the art pharmacological model to simulate drugs and drug interactions in patient simulation

15:20 – 15:40 Andrijan Kartalov (Macedonia) Effect of adding dexamethasone as a ropivacaine adjuvant in US-guided transversus abdominis plane block for inguinal hernia repair

15:40 – 16:00 Raveenthiran Rasiah (Malaysia) Anesthesia and analgesia for total knee replacement: an update

16:00 – 16:20 DK Singh (India) Awake anesthesia for mastectomy, thyroidectomy and upper arms surgeries

16:20 – 16:40 Q&A

Coffee Break 16:40 – 17:10

Session B4 17:10 – 18:45  Dexmedetomidine

Chairmen: Ma Daqing (U.K.) - L. Tritapepe (Italy)

17:10 – 17:30 Ma Daqing (U.K.) Dexmedetomidine: research from lab bench to clinical application

17:30 – 17:50 Hulya Bilgin (Turkey) Cognitive Functions After TIVA With Dexmedetomidine

17:50 – 18:10 Luigi Tritapepe (Italy) Dexmedetomidine and sleep disturbance

18:10 – 18:30 Mario Bosco (Italy) Sedation and Regional Anesthesia

18:30 – 18:45 Q&A
**SATURDAY SEPTEMBER 30th**

**Workshops:**

6. Dr. PhD. Wolfgang Heinrichs - Dr. Matina Heinrichs

- Basic TCI Workshop with simulator 09:00 – 11:00
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7. MD. Mario Bosco- Antonio Clemente - Andrea Tognù

**Ultrasound Guided Peripheral and Central Blocks** 09:00 - 12:30

- Knobology and best practice
- Upper limb blocks
- Lower limb blocks
- TAP and Pecs Blocks
- Central Blocks
- Live, Relive, Discuss

8. MD PhD. Samsun Lampotang
Regional anesthesia simulator for the thoracic spine 15.00 - 17.00

SATURDAY SEPTEMBER 30th

Session D1 08:30 – 10:45 TIVA/TCI in MAJOR SURGERY

Chairman: Y. Vater (U.S.A.) - D. Filipescu (Romania)

08:35 – 08:55 Ovidiu Bedreag (Romania) Multimodal intra-operative monitoring techniques (inter-relation between hemodynamic monitoring techniques, depth of anesthesia monitoring, neuromuscular transmission monitoring, analgesia/nociception monitoring and patient outcome)

08:55 – 09:15 Daniela Filipescu (Romania) Does the type of anesthetic technique affect outcomes after cardiac surgery?

09:15 – 09:35 Goverdhan Puri (India) TIVA in cardiac surgery

09:35 – 09:55 Youri Vater (U.S.A.) TIVA and early extubation after liver transplantation

09:55 – 10:15 Antonio Mascia (Italy) Which type of anesthesia and monitoring in major hepatic surgery

10:15 – 10:45 Q&A

Coffee Break 10:45 – 11:15

Session D2 11:15 – 13:20 CANCER AND ANESTHESIA

Chairmen: D. Ionescu (Romania) - T. Hales (U.K.)
11:15 – 11:35  Antonio Clemente (Italy) Regional anesthesia and immune system

11:35 – 11:55  Daniela Ionescu (Romania) Local anesthetics and cancer: Do local anesthetics have ant proliferative effects?

11:55 – 12:10  Timothy Hales (U.K.) Does anaesthetic technique during surgical tumor excision directly influence metastatic cells and cancer recurrence?

12:10 – 12:30  Vitali Stamov (Russia) Intravenous and Inhaled Anaesthesia. Similarities and Differences, Clinical Parallels.

12:30 – 12:50  Jasmina Markovic Bozic (Slovenia) The comparison of propofol or sevoflurane anaesthesia on brain damage and inflammatory response during brain tumor surgery

12:50 – 13:20  Q&A

Lunch    13:30 – 15:00
SATURDAY SEPTEMBER 30th

Session E1 08:30 – 10:45  OPIOIDS

Chairmen: F. Mavoungou (France) - DK. Singh (India)

08:35 – 08:55 Simona Margarit (Romania) Hyperlagesia induced by Opioids.

08:55 – 09:15 Antonio Clemente (Italy) Opioids and Cancer.

09:15 – 09:35 Kélan Bertille Ki (Burkina Faso) No or few opioids available, how I can give a balanced anesthesia?

09:35 – 09:55 DK Singh (India) Role of IV ketamine in rural anesthesia

09:55 – 10:15 Andrea Tognù (Italy) Peripheral and neuraxial blocks as a techniques in Opioids sparing regimen.

10:15 – 10:45 Q&A

Coffee Break 10:45 – 11:15

Session E2 11:15 – 13:20  TIVA-TCI: NOT ONLY

Chairmen: S. Chandra (Indonesia) - E. O. Nwasor (Nigeria)

11:15 – 11:35 Susilo Chandra (Indonesia) "Ketamine, old drug, new options"

11:55 – 12:10 Elizabeth Onuwa Nwasor (Nigeria) The Future For TIVA and TCI Globally Versus Resource Poor Locations: Where are we now? And where do we want to be?

12:10 – 12:30 Goverdhan Puri (India) TIVA at High altitude

12:30 – 12:50 Luca Martinolli (Switzerland) Sedation in Emergency

12:50 – 13:20 Q&A

Lunch 13:30 – 15:00

Session F1 15:00 – 16:00

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

Oral posters presentation, 5 min each

Coffee break 16:00 – 17:00
Closing Ceremony 17:00

Presentation of the next venue