

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 Piacevoli 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”

FRIDAY, SEPTEMBER 29th

Workshops :

3. Dr. PhD. Wolfgang Heinrichs - Dr. Matina Heinrichs

Basic TCI Workshop with simulator **09:00 – 11:00**

Advanced TCI Workshop with simulator **11:00 – 12:30**

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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 Alfredo Del Gaudio (Italy) The role of the pharmacokinetic models on opioids delivery.

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 – 11:40 Fabrizio Benedetti (Italy) Placebo Effect

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

12:05 – 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** (U.K.)

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 anesthetists

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 Seongwook Jeong (South Korea) External Validation of LCT/MCT Propofol TCI with LCT propofol Model

17:50 – 18:10 Philippe Mavoungou (France) Managing anti-nociception during closed-loop balanced anesthesia

18:10 – 18:30 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.) - R. Goy (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 Raymond Goy (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

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SATURDAY, SEPTEMBER 30th

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

Chairman: 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 Alfredo Del Gaudio (Italy) The synergism: the key of Tiva TCI.

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) Hyperalgesia 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"

11:35 – 11:55 Emilija Ivanov (Macedonia) Combined spinal-epidural Anesthesia for abdominal hysterectomy.

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