TIVA-TCI 2011
3rd World Congress of Total Intravenous Anaesthesia & Target Controlled Infusion
Singapore, March 31 – April 2, 2011
Final Program

3rd World Congress of Total Intravenous Anaesthesia & Target Controlled Infusion

Singapore
March 31 – April 2, 2011

Congress Organizers

c/o Kenes International -
Global Congress Organizers and Association Management Services
17 Rue de Chantepoulet
P.O. Box 1726
CH-1211 Geneva 1, Switzerland
Tel: +41 22 908 0488
Fax: +41 22 906 9140
E-mail: tivatci@kenes.com
Web: www.kenes.com/tiva-tci
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Timetable

Scientific Program

Thursday, March 31, 2011
Friday, April 1, 2011
Saturday, April 2, 2011
Poster Session, Friday, April 1 – Saturday, April 2, 2011
Index of Authors
Dear Colleagues,

The World Society of Intravenous Anaesthesia (WorldSIVA) is proud to announce its third international meeting on TIVA-TCI.

TIVA is defined as a method of inducing and maintaining general anaesthesia by using intravenously administered drugs. The primary implementation of this method involves administration with the use of TCI pumps. Target controlled infusion involves the use of a controlled syringe pump – which automatically regulates the rate of infusion of the drug. This method of anaesthesia has already been approved in Europe and Asia – which comes with the background of anaesthetic-related mortality rates – standing at approximately .01 percent in developed countries and between 1 and 10 percent in developing countries. (WHO Guidelines for Safe Surgery 2009).

The first two WorldSIVA meetings were held in Venice, Italy, in 2007 and in Berlin, Germany in 2009. Since then, there have been many exciting new developments in TIVA-TCI.

At the two previous congresses, over 600 professionals from diverse fields of anesthesia enjoyed a stimulating scientific and social program. We expect a similar number of participants at the Singapore Congress and an equally inspiring program. Updates on present evidenced-based research and medicine will be covered by world-renowned experts and there will be ample time for discussion during the workshops.

The scientific program is designed to meet the aims of WorldSIVA, which is "devoted to improving the standard of intravenous anaesthesia and intravenous anaesthesia delivery systems, including target and feedback controlled infusion technology"; it will consist of plenary sessions, topical workshops, oral and poster presentations.

This third congress in the series should yet again prove to promote the clinical application of existing knowledge and the acquisition of new knowledge by bringing together clinicians, scientists, and educators from around the world who practice, study, and teach intravenous anaesthetics.

As TIVA-TCI can be considered an autopilot method in the regulation of the application of anaesthetics – by working on its promotion – together we can develop a safer surgical environment. I greatly look forward to welcoming you to Singapore and to a very successful congress.

Professor Quirino Piacevoli, MD
President, WorldSIVA
Committees

WorldSIVA Executive Committee

**President**  
Quirino Piacevoli, *Italy*

**Vice President**  
Thomas Schnider, *Switzerland*

**Past Vice Presidents**  
(Charles Minto, *Australia*
  Steven Shafer, *USA*
(2007-2010)

**Secretary**  
Freddy Del Gaudio, *Italy*

**Treasurer**  
Pedro Gambus, *Spain*

WorldSIVA Board

Anthony Absalom, *The Netherlands*
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Tomiei Kazama, *Japan*
Gavin Kenny, *UK*
Philippe Mavoungou, *France*
Raoul Muchada, *Uruguay*
Quirino Piacevoli, *Italy*
Johan Raeder, *Norway*
Thomas Schnider, *Switzerland*
Pablo Sepulveda, *Chile*
Frederique Servin, *France*
Steven Shafer, *USA*
Michel M.R.F. Struys, *The Netherlands*

Ex-Officio Board Members

Paul Barach, *Australia* - Safety Committee
Steven Green, *USA* - Sedation Committee
Keira Mason, *USA* – Pediatric and Sedation Committee
Charles Minto, *Australia* - Open TCI Initiative
About WorldSIVA

The World Society of Intravenous Anaesthesia is a scientific non-profit organisation devoted to improving the standard of intravenous anaesthesia and intravenous anaesthesia delivery systems, including target and feedback controlled infusion technology.

World SIVA promotes the clinical application of existing knowledge and the acquisition of new knowledge by bringing together clinicians, scientists and educators from around the world who practice, study and teach intravenous anaesthesia.

The aims of the World Society of Intravenous Anaesthesia are to:

» Improve the standard of intravenous anaesthesia.
» Improve intravenous anaesthesia delivery systems, including target controlled infusion (TCI) technology.
» Promote the clinical application of existing and new knowledge in intravenous anaesthesia.
» Promote scientific education in intravenous anaesthesia.
» Bring together those who study and practice intravenous anaesthesia.
» Develop and recommend safety and quality standards for intravenous anaesthesia.
» Address any possible ethical problems associated with intravenous anaesthesia.
» Establish an international network for the exchange of information and expertise about intravenous anaesthesia.
» Provide and promote the information regarding opportunities for post graduate training and research in intravenous anaesthesia.
» Promote or sponsor publications or periodicals concerning intravenous anaesthesia.
» Arrange at regular intervals a World Congress in intravenous anaesthesia and to sponsor regional congresses and encourage meetings in this field.
» Affiliate with other national and international scientific organisations active in all aspects of intravenous anaesthesia.

For more information and details on becoming a member, please visit: www.worldsiva.org.
Welcome to Singapore

Some suggestions for attractions whilst you are here.

Main Attractions & Activities

» The fashion emporiums of Orchard Rd.
» The Raffles Hotel veranda
» Antique shops in Chinatown
» Diving with sharks at Underwater World on Sentosa
» Mountain biking around Bukit Timah
» Night Safari at the Singapore Zoo
» Waterskiing or wakeboarding on the Kallang River
» Go-carting and rock climbing
» Bukit Timah Nature Reserve – large patches of rainforest in the center of Singapore
Hotel Information

The following are hotels affiliated with the Congress

Bay View Hotel
30 Bencoolen Street Singapore 189623
+(65) 6337 2882

Conrad Centennial Singapore
Two Temasek Boulevard, Singapore 038982
+(65) 6334 8888

Pan Pacific Hotel
7 Raffles Boulevard, Marina Square, Singapore 039595
+(65) 6336 8111

Park Royal On Beach Road
7500 Beach Road, Singapore 199591
+(65) 6505 5666

Peninsula Excelsior
5 Coleman Street, Singapore 179805
+(65) 6337 2200

Royal at Queens
12 Queen Street, Singapore 188553
+(65) 6725 9988

Swissotel Stamford
2 Stamford Road, Singapore 178882
+(65) 6338 8585
Acknowledgments

The Organizing Committee and WorldSIVA Board wish to express our gratitude to the following companies who, through their generosity, have helped to make this Congress possible:

Diamond sponsor

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Silver Sponsor

COVIDIEN
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SIVA
World Society of Intravenous Anaesthesia Online

Supported by

YourSingapore
General Information

Venue
Suntec Singapore
International Convention & Exhibition Centre
1 Raffles Boulevard, Suntec City,
Singapore 039593
www.suntecsingapore.com
Tel: + (65) 6337 2888

Registration/Information/Secretariat/
Accommodation Desks
Desks will be situated in the Foyer on Level 2 of the Suntec Singapore for the duration of the Congress at the following times:

Opening Hours
Thursday, March 31, 2011 13:00 – 20:30
Friday, April 1, 2011 07:30 – 18:30
Saturday, April 2, 2011 07:30 – 19:00

Participants Badge
Upon registering you will receive your congress kit in which you will find your name badge. You are kindly requested to wear your badge during all congress sessions and events.

Exhibition Opening Hours
Thursday, March 31, 2011 13:00 – 20:30
Friday, April 1, 2011 10:00 – 17:00
Saturday, April 2, 2011 10:00 – 19:00

Messages/Medical Assistance/Lost & Found
A notice board will be available in the registration area for messages and notifications. For all other issues, please approach the registration desk.

Language
The official language of the Congress is English - with selected sessions in Chinese and Korean.

Internet Stations
Free internet and email facilities are available in the exhibition area throughout the duration of the conference. Please be considerate of fellow participants when using these facilities.

Coffee Breaks
Will be served in the exhibition area according to the times in the scientific program.
Lunch
The Suntec Congress Centre is located next to the Suntec City Mall - where there are over 100 restaurants and cafés serving both local and western cuisine. Please see the mall’s website for more details: www.sunteccitymall.com

Certificate of Attendance
The Certificate of Attendance will be available from Friday, April 1st at 13:30 for pick-up at the Registration Desk.

Smoking Policy
Smoking is prohibited at all times in the congress halls, exhibit halls and restrooms. Your compliance is appreciated.

Mobile Phones
Please note that mobile phones must be switched off during all sessions.

Congress Organisers and Secretariat

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PO Box 1726
CH-1211 Geneva 1
SWITZERLAND
Tel: +41 22 908 0488
Fax: +41 22 906 91 40
E-mail: tivatci@kenes.com
Website: www.kenes.com/tiva-tci
Instructions For Presenters

Speakers’ Ready Room - Oral Presentations

Data presentation

If using a PowerPoint (or any other computer) presentation, please note you need to bring it on a CD, a DVD or on a “disk on key” Memory stick (using the USB port in the computer) and load it on one of the congress’ computers in the Speakers’ Ready Room, at least 1 hour before the start of the session. You may supply your own laptop computer as a back-up.

If combining video films with PowerPoint, please make sure to check it in the session hall where your lecture is taking place during a coffee or lunch break prior to your session, at least 30 minutes before the start of the session - even after checking it in the Speakers’ Ready Room.

Please note that the congress’ computers in the session halls are being supplied with Windows (the earliest version possible: XP) and Office (the earliest version possible: 2007).

Important note for Macintosh users

In order to use MAC presentations on a PC compatible computer please note that you need to prepare it according to the instructions below, before bringing it to the Speakers’ Ready Room:

1. Use a common font, such as Arial, Times New Roman, Verdana etc. (special fonts might be changed to a default font on a PowerPoint based PC).
2. Insert pictures as JPG files (and not TIF, PNG or PICT - these images will not be visible on a PowerPoint based PC).
3. Use a common movie format, such as AVI, MPG and WMV (MOV files from QuickTime will not be visible on a PowerPoint based PC).

You may use your own Macintosh laptop computer. In such a case please confirm that it has a VGA socket for external signal and come to check it first in the Speakers’ Ready Room as soon as you arrive and later on in the session hall where your lecture is taking place during the coffee or lunch break prior to your session, at least 30 minutes before the start of the session.

Please note that VHS Video projection, 35 mm’ slide projection and Overhead projection (projection of transparencies) will not be available.
Poster Presenters

Please see the scientific program for the board number on which you should display your poster.

The poster presentations are an important part of the Scientific Program and an invaluable opportunity for the exchange of ideas and update on new research. The main opportunity for poster viewing and discussion is during breaks. Authors are requested to stand by their posters during the breaks on Friday, April 1 and Saturday, April 2 as follows:

Posters are to be mounted from Wednesday, March 30th at 15:00 until Saturday, April 2nd, 18:00.

Please remove your poster at the conclusion of sessions on Saturday, April 2. The Congress Organizers will not be responsible for posters that are not removed on time.

Poster Viewing

Posters are located in the Posters Hall. All posters will be on display on Friday, April 1st and Saturday, April 2nd.
CME Accreditation (EACCME)

The 3rd World Congress of Total Intravenous Anaesthesia & Target Controlled Infusion is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialist (UEMS), www.uems.net.

The 3rd World Congress of Total Intravenous Anaesthesia & Target Controlled Infusion is designated for a maximum of 14 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

EACCME credits are recognized by the American Medical Association towards the Physician’s Recognition Award (PRA). To convert EACCME credit to AMA PRA category 1 credit, contact the AMA.

Poster Distribution

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<td>Masimo Asian Pacific</td>
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<td>WorldSIVA</td>
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Congress Floor Plan and Exhibition Map
Exhibitors' Profiles

...likewise...
Scientific Program

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<th>Plenary lectures</th>
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<tbody>
<tr>
<td><strong>Thursday, 31 March, 2011</strong></td>
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<td></td>
</tr>
<tr>
<td>13:00</td>
<td>Registration opens</td>
<td></td>
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<tr>
<td>15:00 – 17:00</td>
<td><strong>Hall A</strong></td>
<td><strong>Hall B</strong></td>
<td><strong>Hall C</strong></td>
</tr>
<tr>
<td>Workshop 1: Opioid Target Controlled Infusion for Beginners</td>
<td>Official Satellite Symposium: PK Basis of TCI Sponsored by Fresenius Kabi</td>
<td>Workshop 3: Hypnotic Opioid Interaction</td>
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<tr>
<td>F. Sztark V. Billard (France)</td>
<td>A. Del Gaudio (Italy)</td>
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<tr>
<td>17:30 – 19:00</td>
<td><strong>Opening Ceremony</strong></td>
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<tr>
<td>F. Nuevo, The World Federation of Societies of Anaesthesiologists (Italy)</td>
<td>A. Sia, Society of Anaesthesiology (Singapore)</td>
<td>Q. Piacevoli, WorldSIVA (Italy)</td>
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<tr>
<td>19:00 – Evening</td>
<td>Welcome Reception</td>
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### Friday, 1 April, 2011

#### Hall A

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:00 – 09:00</td>
<td><strong>Meet the Expert Session 1: Open TCI Initiative</strong>&lt;br&gt;C. Minto (Australia)</td>
</tr>
<tr>
<td>10:30 – 11:00</td>
<td>Coffee Break, Poster Viewing and Exhibition</td>
</tr>
<tr>
<td>11:00 – 12:30</td>
<td><strong>Plenary Lecture 1</strong>&lt;br&gt;1. Clinical Pharmacology Development of Microemulsion Propofol G. Noh (Korea)&lt;br&gt;2. Technological Intensification in Anaesthesia and Surgery: The Issue of Complexity. M. Stabile (USA)</td>
</tr>
<tr>
<td>12:30 – 13:30</td>
<td>Break, Poster Viewing and Exhibition</td>
</tr>
<tr>
<td>13:30 – 14:30</td>
<td><strong>Oral Presentations 1</strong></td>
</tr>
<tr>
<td>14:30 – 16:00</td>
<td><strong>Korean Workshop 7:</strong> Simulation of Target-Controlled Infusion using Asan Pump B.M. Choi (Korea)</td>
</tr>
<tr>
<td>16:00 – 16:30</td>
<td>Coffee Break, Poster Viewing and Exhibition</td>
</tr>
<tr>
<td>16:30 – 18:00</td>
<td><strong>Chinese Workshop 11:</strong> TCI in Clinical Practice&lt;br&gt;M. Irwin (China)&lt;br&gt;G. Wong (China)&lt;br&gt;L. Sim (China)</td>
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</tbody>
</table>

#### Hall B

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:00 – 09:00</td>
<td><strong>Meet the Expert Session 2: Monitoring Ventilation</strong>&lt;br&gt;V. Billard (France)</td>
</tr>
<tr>
<td>09:00 – 10:30</td>
<td><strong>Workshop 4: Improving Patient Outcomes in the Operating Room: What Can We Do?</strong>&lt;br&gt;1. The Spectral Index Scale (BIS): Its Scientific Foundation, Practical Application, and Clinical Limitations. T. Egan (USA)&lt;br&gt;2. Intubation with Routine ET Tube: Couldn’t We Do Better? Jan Poelaert (Belgium)</td>
</tr>
<tr>
<td>10:30 – 11:00</td>
<td>Coffee Break, Poster Viewing and Exhibition</td>
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<tr>
<td>12:30 – 13:30</td>
<td>Break, Poster Viewing and Exhibition</td>
</tr>
<tr>
<td>13:30 – 14:30</td>
<td><strong>Oral Presentations 2</strong></td>
</tr>
<tr>
<td>14:30 – 16:00</td>
<td><strong>Official Satellite Symposium:</strong> TCI in Clinical Practice&lt;br&gt;F. Servin (France)&lt;br&gt;M. Irwin (China)</td>
</tr>
<tr>
<td>16:00 – 16:30</td>
<td>Coffee Break, Poster Viewing and Exhibition</td>
</tr>
<tr>
<td>16:30 – 18:00</td>
<td><strong>Workshop 10:</strong> Target Controlled Infusion for Endoscopy&lt;br&gt;T. Kazama (Japan)</td>
</tr>
</tbody>
</table>
Meet the Expert Session 3: Antibiotics and TCI
P. Roncucci (Italy)

Session 2: Prescribing Help Tools in the O.R.
Chairs: V. Billard (France), T. Gin (China)
1. Smart Pilot View. T. Gin (China)
2. Navigator. R. Kennedy (New Zealand)
3. Interest of PK Simulation in the OR in the Absence of TCI. Y. Sanjo (Japan)
4. Development of a Computer Program to Administer TIVA in Colombia
   A. Vanegas (Colombia)

Session 3: ICU Session
Chairs: D. Ionescu (Romania), T. Takahashi (Japan)
1. A Comprehensive Review of Sedation Scoring Systems, Clinical Value and Validity
   M. Ramsay (USA)
2. Sedation and Hemodynamic Effects. F. Guarracino (Italy)
3. TCI in the ICU: Practical Issues
   F. Sztark (France)
4. Effects of I.V. Anaesthetics on the Immune Function in Sepsis
   T. Takahashi (Japan)

Oral Presentations 3

Workshop 8: How to Use Simulation to Teach TIVA-TCI
W. Heinrichs (Germany)
Pre-Registration Required

Workshop 5: PKPD Tools
C. Minto (Australia)
T. Schnider (Switzerland)
Workshop fully booked

Workshop 9: How to Use Simulation to Teach TIVA-TCI
W. Heinrichs (Germany)
Pre-Registration Required

Workshop 5: PKPD Tools (Continued)
C. Minto (Australia)
T. Schnider (Switzerland)
Workshop fully booked
### Saturday, 2 April, 2011

**Hall A**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:00 – 09:00</td>
<td><strong>Meet the Expert Session 4: Anesthesia for Digestive Endoscopy</strong>&lt;br&gt;P. Gambus (Spain)</td>
</tr>
<tr>
<td>09:00 – 10:30</td>
<td><strong>Session 5: Perioperative Analgesia</strong>&lt;br&gt;Chairs: A. Absalom (The Netherlands), V. Billard (France)&lt;br&gt; 1. Ketamine: Why and How? A. Absalom (The Netherlands)&lt;br&gt; 2. Opioids and Organ Protection. M. Irwin (China)&lt;br&gt; 3. Remifentanil-Induced Hyperalgesia. H.J. Lee (Korea)&lt;br&gt; 4. How to Assess Analgesia during General Anaesthesia?&lt;br&gt;P. Mavoungou (France)</td>
</tr>
<tr>
<td>10:30 – 11:00:</td>
<td>Coffee Break, Poster Viewing and Exhibition</td>
</tr>
<tr>
<td>11:00 – 12:30</td>
<td><strong>Plenary Lecture 2</strong>&lt;br&gt; 1. Neonatal Toxicity and I.V. Anaesthetics&lt;br&gt; 1. Memory, Amnesia and Sedatives. J. Lerman (USA)</td>
</tr>
<tr>
<td>12:30 – 13:30</td>
<td>WorldSIVA General Assembly. Admission for WorldSIVA members only</td>
</tr>
<tr>
<td>13:30 – 14:30:</td>
<td>Break, Poster Viewing and Exhibition</td>
</tr>
<tr>
<td>14:30 – 16:00</td>
<td><strong>Session 9: TCI - When the Models are Wrong</strong>&lt;br&gt;Chair: T. Schnider (Switzerland)&lt;br&gt; 1. Shock, Transfusion. T. Kazama (Japan)&lt;br&gt; 2. Morbidly Obese. V. Billard (France)&lt;br&gt; 3. Transfer to the Effect Site as a Function of Age. I. Constant (France)&lt;br&gt; 4. Tips for Safe and Accurate Administration of Intravenous Agent. S. K. Min (Korea)</td>
</tr>
<tr>
<td>16:00 – 16:30:</td>
<td>Coffee Break, Poster Viewing and Exhibition</td>
</tr>
<tr>
<td>16:30 – 18:00</td>
<td><strong>Session 12: Education</strong>&lt;br&gt;Chair: T. Egan (USA)&lt;br&gt; 1. Standardization of Adverse Event Reporting: A WorldSIVA Update. K. Mason (USA)&lt;br&gt; 2. Simulation and Distance Based Learning for Sedation Training of Non-Anaesthesia Practitioners. T. Egan (USA)&lt;br&gt; 3. Propofol Administration by Non-Anaesthesiologists&lt;br&gt;D. Carlson (USA)&lt;br&gt; 4. Training Non-Anaesthesiologists to Deliver Sedation&lt;br&gt;E. Barbi (Italy)</td>
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<tr>
<td>18:00 – 18:30</td>
<td><strong>Closing Ceremony and Prize Winners</strong></td>
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</table>
Saturday, 2 April, 2011

Hall A Hall B Hall C

08:00 – 09:00
Meet the Expert Session 4: Anesthesia for Digestive Endoscopy
P. Gambus (Spain)

Meet the Expert Session 5: Closed Loop, Where are We?
A. Absalom (The Netherlands)

Meet the Expert Session 6: Pediatrics
TIVA in the Operating Room: Agents, Challenges, Limitations and the Future.
V. Yuen (China), M. Sammartino (Italy), I. Constant (France)

09:00 – 10:30
Session 5: Perioperative Analgesia
Chairs: A. Absolom (The Netherlands), V. Billard (France)

2. Opioids and Organ Protection. M. Irwin (China)
3. Remifentanil-Induced Hyperalgesia. H.J. Lee (Korea)
4. How to Assess Analgesia during General Anaesthesia? P. Mavoungou (France)

Session 6: Pediatrics I
Chair: B. Koka (USA)
1. Opioid Analgesia in Pediatrics G. Hammer (USA)
2. Opioids TCI. Z. MingZhang (China)
3. Sedation in Children and Young People: A UK National Guideline on Pediatric Sedation
M. Sury (UK)

Session 7: Adjuvant Drugs
Chair: F. Del Gaudio (Italy), R. Muchada (Uruguay)
1. Human Simulation Emergency Training in Outpatient Anaesthesia: The American Dental Society of Anaesthesiology Experience K. E. Crowley (USA)
2. Clonidine: Why and How C. Gregoretti (Italy)
3. Magnesium: Why and How F. Del Gaudio (Italy)
4. Awaked Anesthesia for Carotid Endarterectomy. Where are We 10 Years Later? R. Muchada (Uruguay)

10:30 – 11:00: Coffee Break, Poster Viewing and Exhibition
11:00 – 12:30
Session 8: Regional Specificities
Chair: D. Gozal (Israel)
1. Overview of Sedation Practices in European ICUs. R. Aantaa (Finland)
2. Sedation Guidelines from the U.S. and Europe: Are they Applicable to Asia and the Global Community? K. Mason (USA)
3. Innovations in Sedation in Asia Y. Kaneko, T. Ichinohe (Japan)
4. TIVA /TCI in Eastern Europe D. Ionescu (Romania)
5. Strategies, Challenges and Future in ICU Sedation in the Middle East S. Haddad (Saudi Arabia)

Session 9: TCI - When the Models are Wrong
Chair: T. Schnider (Switzerland)
1. Shock, Transfusion. T. Kazama (Japan)
2. Morbidly Obese. V. Billard (France)
3. Transfer to the Effect Site as a Function of Age. I. Constant (France)
4. Tips for Safe and Accurate Administration of Intravenous Agent. S. K. Min (Korea)

Session 10: Pediatrics II
Chair: K. Mason (USA)
1. TIVA vs. Inhalational Anaesthesia: A Practical Comparison. T. Egan (USA)
2. TIVA for Neonates? Are We Pushing the Age Boundaries? J. Lerman (USA)
3. Dexmedetomidine for Procedural Sedation Outside the Operating Room K. Mason (USA)

Session 11: History of I.V. Anaesthesia. Chairs: D. Wilkinson (UK), J.B. Cazalaa (France)
1. Early Stages 1870. D. Wilkinson (UK)
2. Intravenous Anaesthesia: From Discovery (Pierre Cyprien Oré) to TCI. J. B. Cazalaa (France)
3. 1930 - 1997. F. Servin (France)
4. History of TCI. J. B. Glen (UK)

12:30 – 13:30 WorldSIVA General Assembly. Admission for WorldSIVA members only
13:30 – 14:30: Break, Poster Viewing and Exhibition
14:30 – 16:00
Session 12: Education
Chair: T. Egan (USA)
1. Standardization of Adverse Event Reporting: A WorldSIVA Update. K. Mason (USA)
2. Simulation and Distance Based Learning for Sedation Training of Non-Anaesthesia Practitioners. T. Egan (USA)
3. Propofol Administration by Non-Anaesthesiologists D. Carlson (USA)
4. Training Non-Anaesthesiologists to Deliver Sedation E. Barbi (Italy)

Session 13: TIVA/TCI in Africa
Chair: P. Mavoungou (France)
1. TIVA/TCI in Africa: Present and Future. P. Mavoungou (France)
2. TIVA in Cameroon. J. Ze-Mikande (Cameroon)
3. Interest and Implementation of TCI in Burundi. S. Majaljwa (Burundi)
4. Lidocaine in Acute Postoperative Pain in the Congo. P. Mawandza (Congo)

Session 14: New Drugs
Chair: P. Gambus (Spain)
1. Propofol Formulations P. Gambus (Spain)
2. I.V. Isoflorane Emulsion. J. Liu (China)
3. Etomidate: Will New Formulations Get it Out of Purgatory? F. Servin (France)
4. Pharmacologic Actions of Orphanin (Nociceptin). H.S. Lee (Korea)

16:00 – 16:30: Coffee Break, Poster Viewing and Exhibition
16:30 – 18:00
Session 15: Education
Chair: T. Egan (USA)
1. Standardization of Adverse Event Reporting: A WorldSIVA Update. K. Mason (USA)
2. Simulation and Distance Based Learning for Sedation Training of Non-Anaesthesia Practitioners. T. Egan (USA)
3. Propofol Administration by Non-Anaesthesiologists D. Carlson (USA)
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Session 16: TIVA/TCI in Africa
Chair: P. Mavoungou (France)
1. TIVA/TCI in Africa: Present and Future. P. Mavoungou (France)
2. TIVA in Cameroon. J. Ze-Mikande (Cameroon)
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Session 17: New Drugs
Chair: P. Gambus (Spain)
1. Propofol Formulations P. Gambus (Spain)
2. I.V. Isoflorane Emulsion. J. Liu (China)
3. Etomidate: Will New Formulations Get it Out of Purgatory? F. Servin (France)
4. Pharmacologic Actions of Orphanin (Nociceptin). H.S. Lee (Korea)

18:00 – 18:30
Closing Ceremony and Prize Winners
SCIENTIFIC PROGRAM

Thursday, March 31, 2011
SCIENTIFIC PROGRAM

Friday, April 1, 2011
SCIENTIFIC PROGRAM
Saturday, April 2, 2011
POSTER PRESENTATIONS

Friday, April 1 - Saturday, April 2, 2011
Australian Society of Anaesthetists
2011 National Scientific Congress
8–11 September 2011
Sydney Convention
and Exhibition Centre

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