

### Course Presidents:

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Prof. Q. Piacevoli  
Prof. A. Tassi

### Invited Speakers

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Absalom A.R.  
Auricchio F.  
Azzeri F.  
Billard V.  
Bosco M.  
Corcione A.  
De Nicola A.  
Del Gaudio A.  
Di Marco P.  
Frattari A.  
Gambus P.  
Gregoretto C.  
Guarracino F.  
La Colla G.  
Mastronardi P.  
Melloni C.  
Mondello E.  
Muchada R.  
Piacevoli Q.  
Ritrovato M.  
Roncucci P.  
Sammartino M.  
Servin F.  
Tassi A.  
Vincenti E.

### Sponsor:

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### Congress Secretariat:

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Florence



# WORLDSIVA ADVANCED COURSE IN TIVA-TCI 2008

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**3<sup>rd</sup>-5<sup>th</sup> April 2008**

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**Azienda Ospedaliera Universitaria Policlinico  
Centro Servizi  
Via del Pozzo 71 - Modena (Italy)**

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**CME Credits Required**



12:00-14:00 Registration  
 14:00-14:10 OPENING CEREMONY:  
 Q. Piacevoli (Italy), A. Tassi (Italy)

**1st Session: Pharmacokinetics and pharmacodynamics**

Chairmen: F. Servin (France), A. Tassi (Italy)  
 14:00-14:25 "Advanced concepts in PK-PD" F. Servin (France)  
 14:25-14:50 "What is a PK model and how is it derived"  
 P. Gambus (Spain)  
 14:50-15:10 "Standard criteria for assessing the predictive  
 performance of computerised infusion pumps"  
 A.R. Absalom (UK)  
 15:10-15:35 "Opioids analgesic efficacy and minimum effective  
 concentrations"

**2nd Session: Patient monitoring systems in OR**

Chairmen: V. Billard (France), P. Mastronardi (Italy)  
 15:30-16:00 "Monitoring depth of anaesthesia and sedation  
 in OR" P. Mastronardi (Italy)  
 16:00-16:30 "Invasive and non invasive monitoring haemodynamic  
 in OR" A. Corcione (Italy)  
 16:30-17:00 "Monitoring neuromuscular block in OR"  
 E. Vincenti (Italy)  
 17:00-17:30 "Monitoring stress response in OR" V. Billard (Italy)  
 17:30-18:00 Coffee break

**3rd Session: Patient's safety in TIVA-TCI**

Chairman: P. Gambus (Spain), Q. Piacevoli (Italy)  
 18:00-18:30 "Safety Requirement in the OR: the impact  
 of biotechnology on patient safety" M. Ritrovato (Italy)  
 18:30-19:00 "Safety Requirements of TIVA: PK Drugs,  
 Correct Drug & Concentration" A.R. Absalom (UK)  
 19:00-19:30 "Perioperative Optimization: Pre Medication,  
 ALR Techniques, Sedoanalgesia, Postoperative Pain  
 Control" M. Bosco (Italy)

**1st Session: Video case scenarios from the operating room**

08:00-12:30 Video case scenarios from the operating room:  
 three procedures of general anaesthesia performed  
 for ENT surgery. Participants can ask questions  
 directly to the operators; during the surgical  
 procedures, in the plenary room six speakers will  
 interact with the audience and the operators,  
 commenting the procedures and answering to  
 the questions of the participants. It will be used  
 the Tivatrainer to simulate different possible way  
 of delivering the drugs in use.  
 F. Azzeri (Italy), G. La Colla (Italy)  
 Discussant: V. Billard (France), P. Gambus (Spain),  
 R. Muchada (France), Q. Piacevoli (Italy),  
 F. Servin (France), A. Tassi (Italy)

**2nd Session: Management of perioperative pain**

Chairmen: F. Azzeri (Italy), C. Melloni (Italy)  
 12:30-12:50 "Analgesic transitions" F. Azzeri (Italy)  
 12:50-13:10 "NSAIDS and COXIBS update" C. Melloni (Italy)  
 13:15-14:30 Lunch

**3rd Session: Drugs for TIVA-TCI**

Chairmen: A. Del Gaudio (Italy), Q. Piacevoli (Italy)  
 14:30-15:00 "Dexmedetomidine: a new entry in Italy ..."  
 Q. Piacevoli (Italy)  
 15:00-15:30 "Muscle relaxants and TCI" P. Roncucci (Italy)  
 15:30-16:00 "Remifentanil and TIVA: Present Use and Possibilities  
 for Future Applications" P. Gambus (Spain)  
 16:00-16:30 "Paracetamol: PK-PD" P. Di Marco (Italy)  
 16:30-17:00 "Clonidine" A. Del Gaudio (Italy)

**4th Session: Analgosedation in ICU patients**

Chairmen: A. Absalom (UK), F. Guarracino (Italy)  
 17:00-17:30 "Guide lines for analgosedation in ICU"  
 Q. Piacevoli (Italy)  
 17:30-18:00 "Sedation monitoring in ICU" E. Mondello (Italy)  
 18:00-18:30 "Analgosedation in ICU cardiac-toracic patients"  
 F. Guarracino (Italy)  
 18:30-19:00 "Analgosedation in TCI mode in neurosurgical patients:  
 preliminary report" C. Gregoretti (Italy)  
 19:00-19:30 "The Role of Remifentanil vs Other Opioids in ICU  
 Sedation" A. Absalom (UK)

**1st Session: Interactions**

Chairmen: V. Billard (France), F. Servin (France)  
 08:30-09:00 "Remifentanil and Desflurane:  
 a New Kind of Balanced Anaesthesia"  
 R. Muchada (France)  
 09:00-09:30 "PK-PD and rationale of opioid selection"  
 P. Gambus (Spain)  
 09:30-10:00 "Influence of preanaesthetic medication  
 on target propofol concentration"  
 V. Billard (France)  
 10:00-10:30 "Sedation in NORA" C. Melloni (Italy)  
 10:30-11:00 "Closed loop control of anaesthesia"  
 F. Servin (France)  
 11:00-11:30 "Optimal Propofol and Remifentanil combination  
 during anesthesia" A. De Nicola (Italy)

**2nd session: TIVA-TCI in the extreme of age**

Chairmen: F. Auricchio (Italy), M. Sammartino (Italy)  
 11:30-12:00 "Monitoring in pediatric sedation:  
 which role for capnography and BIS?"  
 M. Sammartino (Italy)  
 12:00-12:30 "Determination of Propofol Ke0 in children  
 using BIS" F. Auricchio (Italy)  
 12:30-13:00 "Age related changes of PK-PD of intra venous  
 anaesthetic" A. Frattari (Italy)  
 13:00 "Closing ceremony"  
 Q. Piacevoli (Italy), A. Tassi (Italy)

