

## **Minutes of the 8<sup>th</sup> update in neuroanaesthesiology and intensive care: Euroneuro 2014, 10-12 April 2014, Istanbul, Turkey**

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The 8<sup>th</sup> Update in Neuroanaesthesiology and Intensive care (Euroneuro 2014) was held from 10-12 April 2014 at Istanbul, Turkey, a beautiful city between two continents – Asia and Europe. The meeting began on Thursday with the opening remarks by Altan Sahin, Ulku Aypar, Neslitan Alkis, Rene Heylen and concluded on Saturday with the formal closing remarks. The meeting was attended by nearly 490 participants from over 40 countries. There were 11 members of the Indian Society of Neuroanaesthesiology and Critical Care (ISNACC) in this meet.

In the first session before the coffee break, Adrian Gelb (USA) delivered a lecture on a very interesting topic 'The things they forgot to teach about cerebral protection'. The post coffee break session was dedicated to 'Update in subarachnoid hemorrhage' which included three lectures namely, 'Anemia and transfusion after SAH' (Kristin Engelhard, Germany), 'Hemodynamic management after SAH' (Nicolas Bruder, France) and 'Glucose management after SAH' (Federico Bilotta, Italy). Simultaneously, there was a parallel session in Hall-2 on Dexmedetomidine, having three lectures namely, 'How It Works?' (Vincent Bonhomme, Belgium), 'Indications and practical use in the OR' (Emine Arzu Kose, Turkey) and 'Indication and practical use in the ICU' (Claus Krenn, Austria). Poster session was held during the lunchtime. On Day 1, three posters were presented by ISNACC members – Ankur Luthra (India), Girija P Rath (India) and Shobha Purohit (India). Post-lunch session was dedicated to Anesthesia in Extreme Ages. James Cottrell (USA) delivered a lecture on 'Preventing

CNS complications in the very young and the old during surgery and anesthesia'. Sue Hill (UK) spoke on 'Anesthesia and the developing brain', whereas Zerrin Ozkose (Turkey) delivered a lecture on 'Anesthesia and alzheimer'. In Hall-2 during post-lunch session, Fabio Taccone (Belgium) delivered a lecture on 'Hypothermia in ICU', Nicolas Bruder spoke on 'Decompressive craniectomy' while Christian Werner (Germany) delivered a lecture on 'Lack in clinical neuroprotection: What went wrong in the translational process?' After the coffee break, in Hall-1, Jan Claassen (USA) delivered a lecture on 'Seizures and Status Epileptics in ICU: Guidelines and Beyond', Martin Soehle (Germany) delivered a lecture on 'Electroconvulsive and Magnetic seizure therapy for treatment: Resistant Depression'. In Hall-2, Pedro Amorim (Portugal) shared his views on 'Anesthetics: Neuroprotectants or Neurotoxins' and Neus Fabregas (Spain) delivered her lecture on 'Update in post anesthetic cognitive dysfunction'.

In the evening, a formal opening ceremony was held, which was followed by dinner.

On Day 2 in Hall-1, the first session was dedicated to 'Cardiopulmonary Resuscitation: Taking care of brain', which included three lectures namely, 'CPR: Current Guidelines: More brain minded?' (Bert Ferdinande, Belgium), 'Therapeutic hypothermia during CPR: Cardio and Neuro-Protection?' (Fabio Taccone, Belgium) and 'Role of early coronary intervention after cardiac arrest' (Bert Ferdinande, Belgium). In Hall-2, Hulya Bilgin (Turkey) delivered a lecture on 'Airway management in cervical trauma', Fahir Ozer (Turkey) spoke on 'Surgical management in cervical trauma' and Samy Abdel Raheem (UAE) delivered a lecture on 'Anesthesiologic management in cervical trauma'. In post coffee break session, three lectures were delivered in Hall-1, namely, 'Cerebral monitoring using NIRS during CPR' (Cathy DeDeyne, Belgium), 'Therapeutic hypothermia after cardiac arrest: How to interpret the "TTM Trial"?' (Seda Banu Akinci, Turkey) and 'Neurological prognosis when applying therapeutic hypothermia' (Cathy DeDeyne, Belgium). In Hall-2, Zekeriyya Alanoglu (Turkey) spoke about 'When to use SGAD in Neuroanesthesia', Dario Caldiroli (Italy) delivered a lecture on 'Role of videolaryngoscopy in airway management for neuro-patients- OR and ICU' and

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Sennur Uzun (Turkey) spoke about 'Is awake intubation safe for neuro-patients?'. During lunch, two posters were presented in poster session by ISNACC members – Seelora Sahu (India) and Sujoy Banik (India). Simultaneously, during lunchtime, three oral presentations were made by ISNACC members – 'Anaesthesia in the intraoperative MRI suite' (Rajashree Gandhe, India), 'Mannitol versus hypertonic saline for brain relaxation in patients undergoing craniotomy' (Hemanshu Prabhakar, India) and 'Desflurane anaesthesia in transsphenoidal surgery: A prospective double blind randomized trial' (Nidhi Panda, India). Post lunch, a session was held in Hall-1 about 'Update in different issues in neurosurgical patients', which included three lectures namely, 'Hypothermia after TBI: What's the evidence?' (Dilek Yorukoglu, Turkey), 'Postoperative management after craniotomy for brain tumor surgery' (Federico Bilotta, Italy) and 'Management of intracranial bleedings in cardiovascular patients' (Kristin Engelhard, Germany). In a parallel session held in Hall-2, Laurent Spelle (France) shared his views about 'Endovascular cerebral AVM treatment with latest technical approaches', Saruhan Cekirge (Turkey) delivered a lecture on 'Endovascular cerebral aneurysm treatment with latest technical approaches: View from large experience' and Gulsun Pamuk (Turkey) spoke about 'Neuroanesthesiologic care for the cerebral interventional neuroradiologic procedures: Impact of technical improvements'. After the coffee break, in Hall-1, a lecture was delivered by Francisco Lobo (Portugal) on 'Anesthesia for awake craniotomies', after that Ugur Ture (Turkey) spoke on 'Surgical strategies in awake craniotomies'. While in Hall-2, three lectures were delivered namely, 'Anesthesia and sleep: Where is the link?' (Vincent Bonhomme, Belgium), 'Trigeminal Cardiac Reflex: A unique Phenomenon' (Tumul Chowdhury, Canada) and 'Recovery of consciousness after acute brain injury' (Jan Claassen, USA).

In the evening, a Gala dinner was arranged on cruise through the Bosphorus river.

On Day 3 morning, a session was dedicated to 'Multidisciplinary Teams for Managing Early Trauma' in Hall-1 having three lectures, 'Prehospital Management' (Sabine Himmelseher, Germany), 'Operative Intervention' (Tanju Ucar, Turkey) and 'ICU Care' (Claus Krenn, Australia). Simultaneously, a session was held in Hall-2 on 'Pain issues in Neuroscience', which included three lectures. Pedro Amorim (Portugal) spoke on 'Current methods for objective measure of nociception during general anesthesia', after that Adrian Gelb (USA) spoke on 'Postoperative pain in neurosurgery' and Isin Unal Cevik (Turkey) delivered lecture on 'Central neuropathic pain'. After the coffee-break session in

Hall-1, Alp Cetin (Turkey) delivered a lecture on 'What happens to patient-clinical and rehabilitation issues', after whom Rene Heylen (Belgium) spoke on 'What happens to the doctor- legal issues' and Tanju Ucar (Turkey) spoke on 'Management strategies for multidisciplinary approach to neurotrauma'. Simultaneously in Hall-2, the session was dedicated to 'Monitoring', which included three lectures namely, 'Monitoring in neuroanesthesia and neuro-critical care' (Hatice Ture, Turkey), 'New and future tracks for monitoring consciousness during anesthesia' (Gerhard Schneider, Germany) and 'Monitoring- Directed management of traumatic brain injury' (Samy Abdel Raheem, UAE). During lunch timings, poster session and oral presentations were held. In poster session, an ISNACC member, Kiran Jangra (India), participated and an oral presentation was made by Saurabh Anand (India) on 'Combined use of intravenous and intra-arterial milrinone to treat cerebral vasospasm in aneurysmal subarachnoid hemorrhage'. Post lunch, a session was held in Hall-1 on 'Update in Stroke Management', having three lectures namely, 'Current concepts in the management of stroke' (Hemanshu Prabhakar, India), 'Incomplete microcirculatory reperfusion after stroke-focal cerebral ischemia' (Turgay Dalkara, Turkey) and 'Do stroke units improve outcome?' (Yakup Krespi, Turkey). While in Hall-2 during post-lunch session, Ricard Valero (Spain) spoke on 'Update in brain death', followed by John Hartung (USA) who delivered a lecture on 'How to fix medical research' and Hemanshu Prabhakar (India) spoke on 'Evidence Based Practice in neuroanesthesia'. After the coffee break, a session was held in Hall-1 on 'What kind of anesthesia in neurosurgery?', which included two lectures namely 'TIVA' (Francisco Lobo, Portugal) and 'Inhalational' (Altan Sahin, Turkey). Simultaneously in Hall-2, a parallel session was dedicated to 'Neurostimulation' having lectures by Feridun Acar (Turkey) on 'DBS' and Elvan Erhan (Turkey) on 'SCS'.

The meeting concluded in the evening on Saturday with closing remarks.

The next venue for the Euroneuro 2016 meet was announced, which will be held in Barcelona, Spain.

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