01AP01-1 Comparison of 6% hydroxyethyl starch (6%HES130/0.4/9) and 5% albumin on volume therapy, complications and glycocalyx degradation during major abdominal surgery
Suzuki T.*, Kurihara I., Miyao H.1, Koyama K.2, Katuo T.3

01AP01-2 Comparison of anesthetic induction with and without beat-to-beat invasive arterial pressure monitoring
Kamnev S.1, Sizov V.2, Kovalerova N.2, Abdulina L.1, Subbotin V.1

01AP01-3 Error grid analysis in arterial pressure method comparison studies
Saugel B.1, Grothe O.2, Wagner J.Y.1

01AP01-4 Five hemodynamic variables demonstrate that phenylephrine increases cardiac output by improving venous return in patients with anesthesia-induced hypotension
Maes J.-W.1, Allaert S.1, Pletinckx P.1, Vanoverschelde H.1, Scheeren T.3, Kalmar A.1

01AP01-5 Goal-directed fluid therapy based on uncalibrated pulse contour analysis during transthoracic esophagectomy does not improve outcome
Bahlmann H.1, Halldestam I.1, Nilsson L.1

01AP01-6 Goal-directed fluid therapy on laparoscopic colorectal surgery within enhanced recovery after surgery program
Resalt-Pereira M., Muñoz J.L., Cuquerella V., Molinés A., Bernat I., Pérez A.

01AP01-7 Haemodynamic changes in Hyperthermic Isolated Limb Perfusion (HILP)
Cvetkovic A., Vojinovic Golubovic V., Milanovic M.

01AP01-9 Risk of non-cardiac surgery after percutaneous coronary intervention with drug-eluting stents

01AP01-11 Influence of mechanical ventilation on ECG-voltages in the frontal plane: 2 distinct patterns of the Brody-effect
Parys S., Wuyfels P., Bouchez S., De Hert S., Wouters P.
**Thrombosis and bleeding complications**

**Chairs:**
Christa Boer (Netherlands)
Alan Benoliel (France)*

**12AP01-1**
**Hepcifer study: hepcidin overexpression after heptectomy: does iron supplementation make sense?**
Benoliel A.*, Assouline B.1, Blaudszun G.2, Legouis D.2, Kraiem A.2, Schiffer E.2

**12AP01-2**
**Thromboprophylaxis in elective spinal surgery: a systematic review**
Colomina M.J.1, Bago J.2, Urrutia G.3, Salas K.4, Requeijo C.4, Nishishinya M.B.4

**12AP01-3**
**Factors influencing portal vein velocity after liver transplantation**
Popescu M.1, Dima S.2, Marcu A.3, Calancea E.3, Dinca A.3, Tomescu D.1

**12AP01-4**
**Risk of spinal haematoma caused by epidural catheters after major upper gastrointestinal surgery: normal postoperative changes in coagulation, and the relationship between advanced and routine tests of coagulation**
Thomas O.3, Rein H.3, Lybeck E.3, Strandberg K.3, Schött U.2

**12AP01-5**
**Does inherited thrombophilia contributes thrombosis in microvascular free flap surgery: a pilot study**
Drizlionoka Gorovenko K.1, Stepanovs J.1, Ozolina A.2, Nikitina-Zake L.3, Mamaja B.1

**12AP01-7**
**Preoperatively detected hypercoagulability as free flap thrombosis risk factor in reconstructive microvascular surgery**
Stepanovs J.1, Ozolina A.2, Vanags I.1, Nikitina L.3, Mamaja B.2

**12AP01-9**
**Preoperatively detected hypocoagulability as free flap thrombosis risk factor in reconstructive microvascular surgery**
Stepanovs J.1, Ozolina A.2, Vanags I.1, Nikitina L.3, Mamaja B.2

**CHRONIC PAIN AND PALLIATIVE MEDICINE**

**Chairs:**
Marc René Suter (Switzerland)
Waledya Araujo Lopes Melo e Assis (Brazil)

**09AP01-1**
**Age-related anatomical changes of spinal nerves and its application to the neuropathic pain model in rat**
Tateiwa H., Kawano T., Yokoyama M.

**09AP01-2**
**An observational study of safety of low doses titration of intrathecal ziconotide for treatment of severe chronic pain syndromes**
Bova G.1, Quattrone D.1, Barbagallo A.1, Giacoppo C.2, Cardia L.2, Mondello E.2

**09AP01-3**
**Earlier treatment improves the chances of complete relief from postherpetic neuralgia**

**09AP01-4**
**Effects of repeated administration of amitriptyline on modulation of noradrenergic descending inhibitory system in a rat model of neuropathic pain**
Hiroki T.1, Suto T.1, Saito S.1, Obata H.1
Intrathecal administration of nicotinic agonists attenuates pain-related behavior in a rat model of trigeminal neuropathic pain

Quality of life after pulsed radiofrequency treatment by epidural space with pulse electrode in neuropathic radicular pain: a preliminary audit
Bova G., Quattrone D., Siliotti R., Giacoppo C., Cardia L., De Pasquale M.

Tarlov cysts occurring in the upper and lower spinal perineural nerve roots - a case report
Chen Y.H., Lin C.H., Chen J.Y.

Use of intravenous lidocaine in the treatment of complex regional pain syndrome type II: a case report
Melo e Assis W., Conceição V.M., Costa Filho M.M., Modesto M.M., Santana T.B.

Dexmedetomidine: the answer for difficult cases?
Ferreira S.P., Dias J., Alves J.

Does intravenous midazolam induce hyperalgesia?
Coimbra L., Gouveia F., Fernandes A., Dahlem C., Alves L., Amaro L.

Efficacy of conscious sedation for laser ambulatory ablation of benign thyroid nodules
López Baamonde M., Hanzu F., Squarcia M., Mora M., Valero R., Carrero E.

Evaluation of quality in an ambulatory surgery center: the perianesthesia care from the patient’s viewpoint
Neiva Lemos J., Dantas Cardoso Neiva Lemos L., Fontoura Solla D.J., Dantas Cardoso Neiva Lemos D., Pinheiro Módolo N.S.

Measuring end-tidal ethanol concentration to detect systemic ethanol contamination in sclerotherapy
Schena M., Pedersen T.H., Osswald M., Greif R., Theiler L.

Repeated use of a novel nasal PAP mask assembly to maintain spontaneous ventilation and oxygenation in a patient with autonomic neuropathy for arthroscopic biopsy of recurrent shoulder joint infection under local anaesthesia
Tse J., McGrory M., Warfield Jr. D., Gopez O., Sison R., Kiss G.

Variations of the resistance index after a peribulbar block with and without a vasoconstrictor as measured by a Colour Imaging Doppler exam
Santiago Gomez R., Souza Lopes R., Machado I.P., Carvalho Vasconcelos G., Bittar Nehemy M.

Why do patients miss ambulatory surgery?
Borges R., Babo N., Husson N., Portugal F., Teixeira J., Bela M.L.
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<td>Tadros S.-P., Provenchère S., Longrois D.</td>
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<td>Prevention of atrial fibrillation with low-dose lандiolol in post-cardiovascular surgery patients: a systematic review and meta-analysis</td>
<td>Tamura T., Yatabe T., Takeuchi M., Yokoyama M.</td>
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<td>07AP01-3</td>
<td>Economic Impact of TAVI under monitored local anesthesia in Japan: single center study</td>
<td>Ota T., Nomura T., Nagamine K., Fukui K., Toyota K., Koide Y.</td>
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<td>07AP01-4</td>
<td>A comparative study: autologous blood donation with normovolemic haemodilution in a tertiary cardiac unit, UK</td>
<td>Kalamkar Y., Jeeji R., Mehta V., Butterworth G., Balacumarswami L.</td>
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<td>07AP01-5</td>
<td>Heparin induced thrombocytopenia in patients undergoing open heart surgery using cardiopulmonary bypass</td>
<td>Ezelsoy M., Saracoglu A., Oral K., Saracoglu K.T., Akpinar B.</td>
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<td>07AP01-6</td>
<td>Validation of an ideal body weight adjusted heparin regimen for cardiopulmonary bypass surgery in obese patients. A prospective randomized study</td>
<td>Vienne M., Haas E., Wipf T., Lévy F., Mertes P.-M., Steib A.</td>
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<td>Sufficiency of brain cooling before circulatory arrest during aortic arch surgery: a combined assessment</td>
<td>Miyerbekov Y.</td>
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<td>The intraoperative pulmonary artery pressure elevation after transapical transcatheter aortic valve implantation is correlated with systemic arterial stiffness</td>
<td>Toyota K., Kimura M., Tomita A., Kosobe K., Yamashita S.</td>
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<td>07AP01-9</td>
<td>Anterior spinal artery syndrome after routine cardiac surgery</td>
<td>Aguilar I., Ferreira E., Pontes R., Rodrigues H., Delgado I., Vaz T.</td>
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<td>07AP01-10</td>
<td>PaO2/FiO2 ratio in cardiac surgery, can we trust it?</td>
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<td>07AP01-11</td>
<td>Sudden intraventricular conduction system defect prior to urgent coronary artery revascularization</td>
<td>Harky A., Bashir M., Wong J., Lees M., Roberts N.</td>
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**CRITICAL EMERGENCY MEDICINE - TRAUMA AND RESUSCITATION**

**Learning Track 12**

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Bronchopleural fistula (BPF) following blunt trauma chest - the challenge in diagnosis
Teixeira J., Marques A.

Effects of pre-hospital endotracheal intubation on mortality in children with severe traumatic brain injury: a systematic review
Albersen J.J.E., Bossers S.M., Boer C., Loer S.A., Schwarte L.A., Schober P.

Early hospital readmission after acute traumatic injury: the experience at a level-I trauma center

Improving data quality of a trauma register

Triggers for prehospital transfusion of packed red blood cells: a systematic review of the literature

Early and late predictive factors of outcome in moderate and severe Traumatic Brain Injury: the Bergamo experience

Acute pulmonary embolism and chronic deep venous thrombosis in a polytrauma patient: role of bed-side ultrasound
de Francisco Moreno J., Marin Carcey L., Espinar Garcia E., Marrero G.N., Llaja Villa C.C., Vives Santacana M.

Tracheobronchial injury – a challenge to anesthesiologists: a case report
Azevedo J., Amorim J., Neves I., Ormonde L.

Predictive value of IL-1 and IL-6 in polytrauma patients with femoral fractures
Lupescu D., Dimitriu A., Nagea M., Greabu M., Lupescu O.

INTENSIVE CARE MEDICINE
Learning Track 11

News in mechanical ventilation and beyond 1
Poster e-Board 7

Factors and outcomes associated with withdrawal or withholding of life-sustaining therapies in mechanically ventilated brain-injured patients: a French multicenter cohort
Hubert M., Roquilly A., Seguin P., Asehnoune K., Feuillet F., Nesserer N., BIVILI Investigators, ATLANREA Group

Frequency resonance further improves oxygenation during variable ventilation in experimental ARDS
Huhle R., Güldner A., Kiss T., Bluth T., Koch T., Gama de Abreu M.

Effect of PEEP and I:E ratio on cerebral oxygenation in ARDS: an experimental study in anaesthetised rabbits
Lovisari F., Albu G., Habre W., Bayat S.

Lung protective ventilation in a non-ARDS setting: a tertiary centre survey and audit
Buyse K., Van der Laenen M., Mesotten D., Ward E.

The role of melanocortin Rc agonist BMS-470539 on LPS induced inflammatory cell activation and acute lung injury
Kwak S., Bae H., Jeong S.
Long-term variable controlled ventilation in severe acute respiratory distress syndrome – an experimental randomized controlled study

Güldner A., Kiss T., Bluth T., Braune A., Koch T., Gama de Abreu M.

Are “off hours” intubations a risk factor for complications during intubation?

Calvo Rey A., Ramas Diez M., Doldán Pérez P.N., Torres Rodriguez D., Taboada Muñiz M., Álvarez Escudero J.

Deresuscitation guided by global end-diastolic volume or extravascular lung water in sepsis and ARDS

Fot E., Ushakov A., Smetkin A., Kuzkov V., Kirov M.

Estimation of the role of noninvasive positive pressure ventilation (NPPV) and invasive positive pressure ventilation (IPPV) in patients with mild to moderate ARDS, caused by community acquired pneumonia

Yamakova Y.1, Ilieva V.1, Petkov R.1, Dimitrov Y.1, Velev B.1

Quantification of pulmonary inflammation in experimental ARDS using static vs. dynamic positron emission tomography

Braune A., Güldner A., Bluth T., Kiss T., Koch T., Gama de Abreu M., Pulmonary Engineering Group

PERIOPERATIVE MEDICINE

Learning Track 8

Saturday, 3 June 2017
10:30 – 12:00

Perioperative outcome 1

Chairs:
Juri Karjagin (Estonia)
Patrick Wuethrich (Switzerland)

Inadequate emergence after anesthesia for curative neoplastic surgery: emergence delirium and hypoactive emergence

Braga A.1, Silva D.1, Tavares I.2, Azevedo J.1, Santos A.1, Abelha F.2

Relationship between intraoperative continuous administration of norepinephrine during radical cystectomy and urinary diversion and cancer related outcomes and overall mortality: a retrospective analysis

Furrer M.A.1, Fellmann A.2, Löffel L.2, Thalmann G.1, Burkhard F.C.1, Wuethrich P.2

Postoperative delirium after curative surgery for cancer

Sousa M., Azevedo J., Carvalho B., Marinho R., Santos A., Abelha F.

Quality of life and quality of recovery in patients submitted to curative neoplastic surgery


Poor quality recovery after neoplastic surgery according to postoperative quality of recovery scale

Marinho R.1, Carvalho B.1, Lusquinhos J.2, Azevedo J.1, Santos A.1, Abelha F.1

Perioperative hemoglobin dynamics in surgical cancer patients

Ristescu I.1, Patrascanu E.1, Popova O.1, Faris M.2, Grigoras I.1

Hypothermia and quality of recovery in surgical cancer patients

Silva D.1, Braga A.1, Sousa M.1, Azevedo J.1, Santos A.1, Abelha F.2

Implementation strategy for a pre-warming protocol in the routine of a surgical center

De Bern R.C.G., Paiva E.Y., Morais de Paiva T.T., Kurz A., Andrade da Silva L., Telles M.

Quality of recovery in elderly cancer patients

Neuromuscular residual blockade: incidence and implications in quality of recovery after neoplastic surgery
Carvalho B., Marinho R., Neto I., Braga A., Santos A., Abelha F.

GERIATRIC ANAESTHESIOLOGY
Learning Track 15

AP 15AP01 Abstract Presentation Session
Saturday, 3 June 2017 10:30 – 12:00
Improve outcome in the elderly patient

Chairs:
Ulf Günther (Germany)
Felix Balzer (Germany)

15AP01-1 Influence of frailty on the incidence of postoperative delirium in elderly patients
Birkelbach O., Spies C., Brauner M., Weiss B., Treskatsch S., Balzer F.

15AP01-2 Intraoperative hypotension and outcomes after non-cardiac surgery in the oldest old
Yifat H., Matot I.

15AP01-3 Sex-related differences in the effect-site concentration of remifentanil for preventing cough following extubation during anesthetic emergence in elderly patients
Ji Eun K., Sang Kee M., Jiyoung L., Suhyun S., Sook Young L.

15AP01-4 Comparative study between palonosetron and ondansetron in the profilaxia of postoperative nauseaes and vomiting in women with 60 years or older, submitted to laparoscopic colecistectomies
Braga E., Benitez M., Berlandi R., Neves A., Verçosa N., Cavalcanti I.

15AP01-5 Retrospective study of perioperative complications in elderly patients undergoing surgery for cervical spine pathology
Kumar S., Kumar K.

15AP01-6 Depression in the elderly: missed opportunities in the perioperative period?
Powell A., Mills D., Saxena S.

15AP01-7 Getting it wrong: avoidable perioperative delirium in our elderly?
Powell A., Khan A.R., Saxena S.

15AP01-8 The markers of inflammatory response in elderly patients after anaesthesia
Ploshchenko Y., Klygunenko O.

15AP01-9 Peri-operative fluid management: non-therapeutic drowning of the elderly
Powell A., Klassen J., Saxena S.

LATE-BREAKING ABSTRACT SESSION

AP LBAP1 Abstract Presentation Session
Saturday, 3 June 2017 10:30 – 12:00
Late-Breaking Abstracts

Chairs:
Jean-Luc Fellahi (France)
Paul McConnell (United Kingdom)

LBAP1-1 Safety and efficacy trial of bivalirudin anticoagulation in acyanotic children undergoing open heart surgery
Hasija S., Talwar S., Makhija N., Chauhan S., Krishna N.S., Sharma G.

LBAP1-2 Identification of in-common molecular pathway in acute kidney injury using global gene expression analysis
Hultström M.
Perioperative complication rates vary with the applied hemodynamic strategy in goal-directed hemodynamic therapy (GDHT). A systematic review and trial sequential analysis

High-dose preoperative methylprednisolone and glycaemic control early after total hip and knee arthroplasty

Comparison of intrathecal (IT) fentanyl with pure intravenous (IV) sedation for biliary stenting and balloon dilation

A comparative study of end-tidal oxygen (EtO₂) during preoxygenation with oxygen-prefilled anesthesia breathing system versus non-prefilled anesthesia breathing system

 Establishment of a protocol for measurement of serum concentration of the local anesthetic levobupivacaine in patients undergoing awake craniotomy

Adjuvants to ultrasonic guided interscalene block in arthroscopic rotator cuff repair; morphine and/or nalbuphine

Low creatinine levels may be predictive for prolonged ventilation in the ICU patients

A comparative study between inhalational anaesthesia and total intravenous anaesthesia with dexmedetomidine for morbidly obese patients undergoing laparoscopic sleeve gastrectomy

Proportion of time with bispectral index below 85: a potential predictor of recovery time in oral and maxillofacial ambulatory surgery under dexmedetomidine

Blood pressure analysis on surgical and ICU patients receiving vasopressor therapy

GENERAL ANAESTHESIOLOGY
Learning Track 1

Can Electromyography (EMG) be safer than Acceleromyography (AMG) to assess the neuromuscular block recovery with sugammadex?

Effects of magnesium chloride on rocuronium-induced neuromuscular blockade and sugammadex reversal in the isolated rat phrenic nerve-hemi-diaphragm preparation

Effects of MgSO₄ on neuromuscular blockade of rocuronium and sugammadex reversal in the isolated phrenic nerve-hemi-diaphragm preparation of rats

Chairs:
Gilda Cinnella (Italy)
Matias Andres Kampel (Argentina)

Can Electromyography (EMG) be safer than Acceleromyography (AMG) to assess the neuromuscular block recovery with sugammadex?

Effects of magnesium chloride on rocuronium-induced neuromuscular blockade and sugammadex reversal in the isolated rat phrenic nerve-hemi-diaphragm preparation

Effects of MgSO₄ on neuromuscular blockade of rocuronium and sugammadex reversal in the isolated phrenic nerve-hemi-diaphragm preparation of rats
Effects of neuromuscular presynaptic muscarinic M1 receptor blockade on rocuronium-induced neuromuscular blockade in immobilized tibialis anterior muscles


Rapid injection of rocuronium bromide with saline dilution provides faster onset of neuromuscular blockade and reduction of individual differences. Randomized controlled trial of factors on the onset time of non-depolarizing muscle relaxants

Myoga Y., Kato H., Muto K., Kume K., Manabe H.

Reversal with sugammadex for rocuronium-induced deep neuromuscular block after pretreatment of magnesium sulfate in rabbits

Kim K.S.1, Kang W.S.2

We have everything to succeed, but we fail to prevent residual neuromuscular blockade

Bonofiglio F.C.1, Domenech G.1, Kampel M.A.1, Terrasa S.A.2, McLoughlin S.1

The injection of nefopam can influence the onset time and recovery profiles of rocuronium. A prospective, double-blinded, randomized control study

Kim D.J.1, Kim S.H., So K.Y.

Effect of temperature on the response to sugammadex

Kim H.1, Kim Y.2, Yang H.1

TRANSFUSION, HAEMOSTASIS AND THROMBOSIS
Learning Track 17

12AP02-1 Audit on the role of tranexamic acid (TXA) in major obstetric haemorrhage – the unanswered questions that need addressing
Robbins M., Hughes J., Sud A., Parbhoo P., Bhardwaj M.

12AP02-2 Anaesthetic approach to epidural hematoma, after minor head trauma in an infant with previously unknown fibrinogen deficiency
Spartinou A., Chaniotaki F., Christofaki M., Arkalaki E., Astyrakaki E., Papaioannou A.

12AP02-3 Effective tranexamic acid concentration for 95% inhibition of tissue-type plasminogen activator-induced fibrinolysis in full-term pregnant women
Lechien A.1, Faraoni D.2, El Kenz H.1, Van der Linden P.1

12AP02-4 Tranexamic acid and postoperative cell-trans autotransfusion system in patients underwent total Knee replacement – analysis of one year
Lima M., Noversa C., Moura A., Gonçalves J.

12AP02-5 Dose-response relationship of tranexamic acid in pediatric scoliosis surgery
Goobie S.1, Hresko T.2, Sethna N.1, Mccann M.E.1, Brustowicz R.2, Pereira L.1

12AP02-6 Fujisan classification predicts fibrinogen concentration after allogeneic blood transfusion but not after hemodilutional autologous blood transfusion in cardiac surgery with cardiopulmonary bypass
Sakamoto H., Harasawa K.

12AP02-7 Efficacy of human fibrinogen concentrate for on-demand treatment of acute bleeding and to prevent bleeding during and after surgery in subjects with congenital fibrinogen deficiency
Schwartz B.A.4, Ross C.2, Madan B.3, Lissitchkov T.J.4, Karimi M.3, Peyvandi F.6
12AP02-8  Influence of heparin on the fibrinogen level measured by the prothrombin time-derived method
Ichikawa J., Okamura K., Kodaka M., Nishiyama K., Komori M.

12AP02-9  The effectiveness of two different administration modalities of tranexamic acid (TXA) in the control of postoperative bleeding after performing hip arthroscopy
Espinosa W., Seijas R., Rivera E., Nevado M.

12AP02-10  Preoperative fibrinogen: a predictor for intraoperative blood transfusion during liver transplantation?
Betolaza Weimer L., De la Hoz Polo I., Gómez Pérez N., Pereira Torres L., Gajate Martín L.

NEUROANAESTHESIOLOGY
Learning Track 6

Saturday, 3 June 2017
12:30 – 14:00
Clinical neuroanaesthesiology 1

Chairs:
Shaun Gruenbaum (United States)
Alcaraz Gabriela (Canada)

06AP01-1  Anaesthesia for acute subarachnoid hemorrhage in a patient with Eisenmenger syndrome: a case report
Makovsek A., Kovac N., Hanzek I., Majic M.

06AP01-2  Anesthesiologists role in management of major arterial injuries during endonasal endoscopic skull base surgeries
Eroglu T.N.1, Meco B.C.1, Kahilogullari G.2, Bozkurt M.2, Beton S.3, Yorukoglu D.1

06AP01-3  Does the presence of an anesthesiologist improve the outcome after endovascular treatment for acute ischemic stroke?
Gabriela A.1, Chui J.2, Manninen P.3, Porta A.3, Pereira V.3, Venkatraghavan L.3

06AP01-5  Effect of the degree of head elevation on the incidence and severity of venous air embolism in cranial neurosurgical procedures in the semi-sitting position
Ture H.1, Harput M.V.2, Bekiroglu N.3, Keskin O.3, Koner O.3, Ture U.2

06AP01-6  Friedreich’s ataxia (FA), comorbidities and anaesthetic management.
Pardey Bracho G.F.1, Brinzeu A.2, Lukaszewicz A.-C.1, Mertens P.2, Lehot J.J.1

06AP01-7  Multidisciplinary approach and anesthetic management in giant multiple aneurysms
Dávila Arango N.A., García Fernández E., Ríos Llorente A., Martín Martín R.

06AP01-8  Perioperative complications in Elderly patients undergoing Intracranial surgery – A Prospective observational study
Kumar S.1, Kumar K.2, Naskar S.2

06AP01-9  Preoperative evaluation of psycho-emotional and vegetative status in elective neurosurgical patients for optimization of premedication
Savvina I., Petrova A., Orechova E.

06AP01-10  Psychotherapy as a means of prevention and correction of possible cognitive decline when using general anesthesia
Sinbukhova E.1, Lubnin A.1, Konovalov N.2, Shmigelskiy A.1, Danilov G.2

06AP01-11  Propofol pharmacology in patients with brain tumours
Sahinovic M., Elevevd D., Struys M., Absalom A.
04AP01-1
Safe performance of neuraxial block for delivery in women with severe thrombocytopenia - a retrospective cohort study
Levy N.1, Goren O.1, Cattan A.1, Weiniger C.F.2, Matot I.1

04AP01-2
Thrombocytopenia in obstetric patients
Alkholany M.

04AP01-3
Outcome of laboring women with severe thrombocytopenia: retrospective case control analysis
Levy N.1, Goren O.1, Weiniger C.F.2, Cattan A.1, Matot I.1

04AP01-4
Incidence of complications during labour epidural technique procedure depending on the position of the patient
Costa C., Marti A., Gonzalez M., Jimenez Y., Moret E., Canet J.

04AP01-5
Obstetric anaesthesia and analgesia related complications in Czech and Slovak Republics: National observational survey in 2015
Stourac P.1, Blaha J.1, Noskova P.1, Grochova M.1, Firment J.3, Schwarz D.4, OBAAMA-INT Study Group

04AP01-6
Management of a postpartum neurological deficit – a case report
Santos Carvalho C.1, Castanheira C.1, Pinto R.1, Neves M.2, Mendes Coelho F.2

04AP01-7
C-section on patient with secondary paraplegia resulting from spontaneous spinal epidural hematoma and acquired FXIII deficiency. A case report
Kampel M.A., Figar A., Mc Loughlin S., Bonofiglio F.C.

04AP01-8
Unexpected, delayed sensory-motor block after epidural analgesia for labour: a case of subdural block
Alves D.R., Antunes C., Amim S., Aquino E.

04AP01-9
MANAGEMENT OF VON WILLEBRAND DISEASE IN OBSTETRIC PROCEDURES S.Machado Ortiz1, I.Renart Lopez1, R.Robledo Algarra2 Department of Anesthesiology, Hospital San Francisco de Borja, Gandia. Valencia. Spain. Department of Anesthesiology, University Hospital La FE. Valencia. Spain
Machado Ortiz S.

04AP01-10
Management of fournier’s gangrene in a woman after episiotomy
Kamoun I., Chaouch O., Taghouti S., Ammous A., Cherif A.

04AP01-11
Spina bifida occulta: a challenge for obstetric anaesthesia?
Barros Silva J., Lareiro N., Ribeiro C., Neves A., Saraiva L.
Chairs:
Patrick Wouters (Belgium)
Alberto Fernandez (Spain)

**07AP02-1**
Use of the Ez-blocker through the I-gel airway device for video thoracic sympathectomy
Arevalo J., Pagazaurtundúa A., Alvaréz Remetería R., Arcas Bellas J.J.

**07AP02-3**
Effects of intraoperative esmolol administration on systemic perioperative inflammatory response in an experimental model of lung resection surgery
Fernandez A., Garutti I., Abubakra S., Galve A., Simon C., Vara E.

**07AP02-4**
Driving pressure and postoperative pulmonary complications in adult cardiac surgery
Bignami E., Pelosi F., Saglietti F., Guarnieri M., de Simone G., Zangrillo A.

**07AP02-5**
Diaphragmatic dysfunction after pulmonary resection surgery: an ultrasonographic pilot study
Spadaro S., Dalla Corte F., Ragazzi R., De Camillis E., Verri M., Volta C.A.

**07AP02-6**
Effects of dexmedetomidine infusion on inflammatory responses during one-lung ventilation in thoracoscopic surgery: a randomised controlled trial

**07AP02-7**
Expiratory flow limitation in adult cardiac surgery
Saglietti F., Guarnieri M., de Simone G., Di Tomasso N., Volta C.A., Bignami E.

**07AP02-8**
Prediction of hypoxemia during one-lung ventilation for surgical lung biopsy in patients with interstitial pneumonia
Anzai A., Yamamoto N., Takaki S., Gamo M., Goto T.

**07AP02-9**
Anesthetic management of a patient with a non-functioning right lung who underwent left lung resection
Kawagoe I., Hayashida M., Satoh D., Inada E.

**07AP02-10**
Usefulness of combining clinical and biochemical parameters for prediction of postoperative pulmonary complications after lung resection surgery
Garutti I., De la Gala F., Piñeiro P., Reyes A., Arranz R., Suarez D.C.

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**RESPIRATION AND AIRWAY MANAGEMENT**
Learning Track 13

**11AP01**
**Abstract**
**Presentation**
**Session**
Saturday, 3 June 2017
12:30 – 14:00

**Use of supraglottic airway devices**

**Chairs:**
Massimiliano Sorbello (Italy)*
Ross Hofmeyr (South Africa)

**11AP01-1**
A comparison of the i-gel™ with the self-pressurised air-Q™ intubating laryngeal airway in the elderly patients: a randomized controlled trial
Lee J.S., Ha S.H., Lee K.-Y., Kim M.-S.

**11AP01-3**
Comparison of aspiration protection by extraglottic airways in an anatomically-correct regurgitation model
Hofmeyr R., Miller D.

**11AP01-4**
Comparison of intubating laryngeal mask (Fastrach™) and intubating laryngeal tube (iLTS-D) in normal and simulated difficult airways – a prospective manikin study
Andreenko A., Faizov I., Grachev I.

**11AP01-5**
Multicenter assessment of the Ambu AuraGain laryngeal mask: preliminary results
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<td>Pulmonary effect of laryngeal mask airway compare to tracheal tube during the early postoperative period in lower leg vascular surgery patient</td>
<td>Lee J.H.</td>
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<td>11AP01-8</td>
<td>Incidence of morbidities associated with the use of endotracheal intubation or ProSeal® in laparoscopic cholecystectomies</td>
<td>Gonçalves C., Gigante A.R., Hipólito C., Vieira A.</td>
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<td>11AP01-9</td>
<td>Comparison of the optimal end-tidal sevoflurane concentration for the insertion of the LMA Supreme® versus the LMA ProSeal® during target-controlled infusion of remifentanil</td>
<td>Monteserín Matesanz C., González T., Etulain J., Canal M., Melone A., Zaballos M.</td>
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<td>11AP01-10</td>
<td>Tracheal intubation in morbidly obese: a comparison of Airtraq and intubating laryngeal mask airway</td>
<td>Turna C., Arslan F.I., Alparslan V., Okyay K., Solak M.</td>
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**INTENSIVE CARE MEDICINE**

**Learning Track 11**

**13AP02**

**Abstract**

**Presentation Session**

**Saturday, 3 June 2017**

**12:30 – 14:00**

**News in mechanical ventilation and beyond 2**

**Poster e-Board**

**7**

**Chairs:**
Christian Putensen (Germany)
Romain Jouffroy (France)

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<td>Role of aminophylline in transitioning long term ventilator dependent patients out of the Intensive care unit</td>
<td>Kumar K., Arora M.K., Pandey R.K.</td>
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<td>13AP02-3</td>
<td>Minitracheostomy may facilitate hospital discharge of cardiac surgical patients who require prolonged postoperative mechanical ventilation: a single-centre retrospective cohort study</td>
<td>Katakura Y., Takaki S., Tsuji S., Yamaguchi Y., Yamaguchi O., Goto T.</td>
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<td>13AP02-4</td>
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<td>Bellón López de Antón-Bueno B., López Palanca S.</td>
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<td>13AP02-6</td>
<td>Selenium and glutathione peroxidase levels in patients with acute respiratory distress syndrome</td>
<td>Tincu R., Cobilinschi C., Tincu I., Ghiorgiu Z., Macovei R.A.</td>
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<td>13AP02-7</td>
<td>Autosurfaktantn treatment of acute postoperative respiratory failure</td>
<td>Mustafin A., Mustafin A., Sagibayev A.</td>
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<td>Metabolic reprogramming by inhibition of prolyl hydroxylases protects alveolar epithelial cells from LPS-neutrophil-induced energy derangements and cell death</td>
<td>Tojo K., Tamada N., Nagamine Y., Ota S., Goto T.</td>
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<td>PaO2 and PaO2/FiO2 are prognostic indicators for patients treated by extra corporeal life support after out hospital cardiac arrest</td>
<td>Jouffroy R., Philippe P., Maraffi T., Baud F., Carli P., Vivien B.</td>
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PERIOPERATIVE MEDICINE
Learning Track 8

Saturday, 3 June 2017
12:30 – 14:00

Preoperative assessment and optimisation 1

Chairs:
Pierre Pandin (Belgium)
Linn Hallqvist (Sweden)

14AP02-1
Physiological and Operative Severity Score for the enumeration of Mortality and Morbidity (POSSUM) system for outcome prediction in elderly patients submitted to major vascular surgery
Teles A.R.1, Teixeira I.2, Azevedo L.3, Mourão J.4

14AP02-2
Validation of the Surgical Outcome Risk Tool (SORT) in a high-risk Swedish cohort
Helleberg J., Bartha E., Kalman S., PROFS Study Group

14AP02-3
Breath-holding test in assessment of cardiorespiratory system in patients with arterial hypertension
Trembach N., Zabolotskikh I.

14AP02-4
Influence of preoperative disability in the recovery of elective cancer surgery
Braga A.1, Silva D.1, Carvalho B.1, Neto S.1, Santos A.1, Abelha F.2

14AP02-5
Intraoperative hypotension is associated with acute kidney injury in non-cardiac surgery
Hallqvist L.1, Bell M.1, Fredrik G.2

14AP02-6
Burnout in perioperative healthcare professionals – a cross-sectional study in one Portuguese Hospital
Gonçalves L., Godinho P., Lavado J., Leal S., Valente E.

14AP02-7
Quality of recovery and acute postoperative pain
Pereira Alves dos Santos Neto I.M.1, Marinho R.2, Sousa M.2, Silva D.1, Pereira Guimaraes L.2, Abelha F.2

14AP02-8
Preoperative frailty and quality of recovery after curative neoplastic surgery
Azevedo J.3, Sousa M.1, Carvalho B.2, Marinho R.1, Santos A.1, Abelha F.1

14AP02-9
Is controlled hypotension or stroke volume variation the main determinant of surgical bleeding in functional endoscopic sinus surgery (FESS)? A pilot study
Di Mauro R.1, Dauri M.2, Di Girolamo S.1, Silvi M.B.1, Boezi M.2, Lucci F.3

PATIENT SAFETY
Learning Track 14

Saturday, 3 June 2017
12:30 – 14:00

Implementing patient safety

Chairs:
Robert Greif (Switzerland)
Andrés Alarcón (Spain)

16AP01-1
Communication critical incidents: how to improve human factor?
Hernández I., Romera A., Lema M., Palencia M., Gago S., Garrido A.

16AP01-2
Confidentiality in operating theatres: a survey of practice
Powell A., Ali H., Saxena S.
“Tunnel vision” as a possible cause of medical error. A gangrene of Fournier that should never have happened
Aracil Escoda N., Pretel Merlo M., Martínez Hurtado E., Abubakra Abubakra S., Ripollés-Melchor J., Calvo Vecino J.M.

Audit on fulfillment of the European and Spanish guidelines for safety at a tertiary university hospital: a comparison after 2 years
Latorre J., Brogly N., Kollmann Camaiora A., Alsina E., Guasch E., Gilsanz F.

Audit on fulfillment of the European new guidelines for safety in anaesthesia practice: storage
Latorre J., García Sanchez D.E., Brogly N., Kollmann Camaiora A., Alsina E., Gilsanz F.

Helsinki Declaration implementation after 6 years: evaluation of current status in hospitals in Catalonia
Alarcón A., Moret E., Canet J.

Patient’s perspectives on informed consent for anaesthesia: our reality and thoughts for the future
Martins P., Amorim J., Resende A., Ormonde L.

Preoperative evaluation of adult patients undergoing elective non-cardiac surgery in Lithuanian hospitals
Jaremko I., Stremaityte V., Gudaityte J.

Interventions to improve the safety culture in an anaesthetic department
Koers L., Metske H., Schlack W., Preckel B.

The incidence of acute kidney injury (AKI) between sequential bilateral total knee arthroplasty (TKA) and staged bilateral TKA: a propensity score matched analysis

Post anesthesia care unit oxygen saturation as an anesthesiology department quality indicator
Weinstein J., Orkin D., Zimlichman E., Berkenstadt H.

CRITICAL EMERGENCY MEDICINE - TRAUMA AND RESUSCITATION
Learning Track 12
Saturday, 3 June 2017
12:30 – 14:00

Cardiac arrest

Chairs:
Torben Wisborg (Norway)
Arturo Melone (Spain)

Insulin does not reverse bupivacaine-induced cardiac asystole in vitro: the importance of drug elimination to be resuscitated
Park W., Kim H., Jung J., Lynch C.

Preliminary evaluation of intralipid vs. amiodarone for the prevention of bupivacaine induced ventricular arrhythmias in an experimental porcine model
Melone A., López-Menchaca R., Callejo D., Sevilla R., Varela O., Zaballos M.

Cardiac arrest after bilateral ankle fracture
Arevalo J., Calvete Alvarez I., Alvarez Remeteria R., Arcas Bellas J.J.

In-flight cardiopulmonary resuscitation during commercial air transport: consensus statement and supplementary guideline from the German society of aerospace medicine (DGfUM)
Hinkelbein J., Cirillo F., Hohn A., Jansen S., De Robertis E., Neuhaus C.

Autonomy: patient centered decision making regarding cardiopulmonary resuscitation (CPR)
Élő G., Zubek L., Dobos M., Gál J.
Usefulness of the Bispectral Index (BIS) in patients treated by extra corporeal life support (ECLS) for refractory cardiac arrest
Jouffroy R., Idialisoa R., Philippe P., Baud F., Carli P., Vivien B.

The presence of status epilepticus (SE) and the use of BIS for prognostication after out-of-hospital cardiac arrest (OHCA)
Vanderspikken X., Eertmans W., De Deyne C., Heylen R., Vander Laenen M., Jans F.

GENERAL ANAESTHESIOLOGY
Learning Track 1

Saturday, 3 June 2017
14:30 – 16:00
Cardiovascular: monitoring

Chairs:
Christa Boer (Netherlands)
Fabiana Lucci (Italy)

01AP03-1 Accuracy of “Nexfin CO-trek cardiac output versus cold-bolus thermodilution cardiac output
Sperna Weiland N.H., Boer C., Mitrev L., Hollmann M.W., Preckel B.

01AP03-2 Accuracy of continuous noninvasive blood pressure and cardiac output measurement during living donor kidney transplantation
Ishibashi T., Hayamizu K., Tokuda K., Karashima Y., Hoka S.

01AP03-3 Comparison between noninvasive estimated continuous cardiac output and arterial pressure cardiac output under general anesthesia
Kurota M., Otaki K., Terada T., Kotake Y., Ochiai R., Kawamae K.

01AP03-4 Goal-Directed Fluid Therapy (GDFT) on Laparoscopic Sleeve Gastrectomy (LSG) in morbidly obese patients using a non-invasive cardiac output monitor: a pilot study
Lucci F., Silvi M.B., Paolantonio N., Di Vezza F., Matteocci F., Dauri M.

01AP03-5 Comparison of non-invasive (ClearSight®) and invasive (Pulsiocflex®) pulse contour analysis to measure stroke volume during major surgery
Boisson M., Pontier B., Debaene B., Frasca D.

01AP03-6 Effects of noninvasive Pleth Variability Index monitoring on intraoperative hemodynamics in total hip surgeries
Sen G., Duger C., Kaygusuz K., Ozdemir K., Isbir A.C., Gursoy S.

01AP03-7 How should the stroke volume variation be calculated? Insights from a mathematical model
Vandenbosch T., Wyffels P., De Hert S., Wouters P.

01AP03-8 Intraoperative pulse pressure variation > 13% is an independent risk factor for early postoperative nausea and vomiting in patients undergoing major abdominal surgery: a retrospective observational study

01AP03-9 Prediction of hypotension attack using pleth variability index monitoring and its association with individual factors
Senel H., Duger C., Gursoy S., Kaygusuz K., Isbir A.C., Mimaroglu C.

01AP03-10 The effect of lower legs intermittent sequential pneumatic compression (ISPC) device on FloTrac: report of two cases in living donor liver transplantation
Chen H.H., Lu I.C., Cheng K.I.

01AP03-11 The new transpulmonary thermodilution measurement to assess hemodynamic change in patients undergoing open abdominal cytoreductive surgery with hyperthermic intraperitoneal chemotherapy (HIPEC): a prospective observational study
Park J.E., Lee J.S., Lee K.-Y.
Challenges and complications in paediatric anaesthesia

05AP01

Incidence of and Risk factors for perioperative respiratory adverse events in children: a prospective cohort study
Sonia B.K., Abbes A.

Development of a paediatric emergency manual
Koers L., Stevens M., Eveleens F., Schlack W., Preckel B.

Sedative effects and risk factors for desaturation during transport after general anesthesia with sevoflurane in pediatric ambulatory inguinal hernia repair cases: an observational study
Fujita H., Miyazawa N., Yamamoto Y., Kubo N., Fukushima T., Ando T.

Laryngotracheal stenosis in children following cardiac surgery: a retrospective review
Caruso G., Van Deenen D., Willems A., Van Der Linden P.

Postoperative complications after spinal surgery in children with neuromuscular scoliosis
Garini E., Gkliatis E., Kouna N., Aggelis F., Dimitropoulou E., Mammi P.

The clinical and physiologic implications of phenylephrine in Tetralogy of Fallot. A case report

Anaesthetic management of a pediatric patient with Autosomal Recessive Progressive External Ophthalmoplegia (AR-PEO) in the emergency operating room: a case report
Galacho J., Caldeira A., Santos J.

Periprocedural complications of pediatric cardiac catheterization (CC) for closure of patent ductus arteriosus (PDA): 10 years experience
Czajkowska K., Madrigal A., Germanova L., Jesus J., Bento M., Lima H.

Toll-like receptor 3 inhibits working memory retention in a mouse model of nephrectomy-induced postoperative cognitive dysfunction
Chen C., Yu H., Li M., Ma Y., Liu J., Zhu T.

Cognitive dysfunction in mice underwent cardiac arrest and cardiopulmonary resuscitation by contextual fear-conditioning test
Ma Y., Chen C., Li M., Wang Q., Liu B., Yu H.
### Long term application of salicylic acid protects neuronal cells from hypoxia/reoxygenation injury in vitro
Zitta K., Gruenewald M., Schildhauer C., Steinfath M., Albrecht M.

### Measurement based acute cerebral insufficiency by neural network modeling
Cherniy V., Gorodnik G., Andronova I., Nazarenko K.

### Patch-clamp analysis of mutant voltage-gated sodium channels causing congenital insensitivity to pain
Kiyosawa K., Sugiyama Y., Kashiwara T., Nakada T., Yamada M., Kawamata M.

### The effects of sevoflurane and desflurane anesthetics on regional cerebral oxygen saturation during the operation of lower extremities with pneumatic tourniquet

### Vasoactive peptide urotensin II in plasma is associated with cerebral vasospasm after aneurysmal subarachnoid hemorrhage and constitutes a potential therapeutic target
Clavier T., Desrues L., Gastaldi G., Dubois M., Comperé V., Castel H.

### The Anesthetic Biobank of cerebrospinal fluid: storing CSF for future neuroscientific research
Atmosoerodjo S., Absalom A.

### OBSTETRIC ANAESTHESIOLOGY
Learning Track 4

#### Abstract Presentation Session

**Caesarean section**

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<td>Salivary a-amylase level reflects stress intensity in pregnant women undergone Cesarean Section under spinal anesthesia</td>
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<td>Assessment of application of cricoid pressure in maternity setup: a comparison of table tilt versus wedge insertion on SimMom</td>
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<td>Ultrasound measurements of anterior soft tissue thickness to predict difficult laryngoscopy in pregnant patients</td>
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<td>A national survey of remifentanil patient controlled analgesia use in Irish maternity units</td>
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<td>Severe maternal hypovolemic shock immediately after general anesthesia induction for a category 1 cesarean section due to fetal distress</td>
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<td><strong>04AP02-8</strong></td>
<td>Fetal impact with the use of phenylephrine intravenous infusion used as prophylaxis of arterial hypotension after intradural anesthesia at elective cesarean</td>
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<td>Risk factors of arterial hypotension after intradural spinal anesthesia in cesarean</td>
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Management of a parturient with acute respiratory distress for caesarean delivery using spinal anaesthesia supported with novel respiratory support measures (CPAP, HFNV)
Leong M., Kamaraj K., Kalidindi R.

Influence of saline based hydroxyethyl starch on umbilical cord blood electrolytes
Yatabe T., Nishigaki A., Nakagoshi N., Yokoyama M.
Patient with juvenile rheumatoid arthritis submitted to cornea transplant – solution for the difficult airway  
Czajkowska K., Germanova L., Bela M.L.

Airway management in Arnold-Chiari malformation type I  
Melo e Assis W.A.L., Santana T.B., Lucena G.D., Cabral F.M., Callado A.N., Santos G.B.M.

Airway management of a patient with stridor and an advanced sub-glottic tumour with the assistance of Transnasal Humidified Rapid-Insufflation Ventilatory Exchange (THRIVE)  
Wijesuriya S., Kajekar P., Kannan T.

Airway management of patient with traumatic cricotracheal transection  

Difficult airway in a neonatal patient with giant occipital encephalocele setting subjected to surgical correction  
Haddad Silveira C., Mateus Marcelino Serzedo P.S., Felloni Tsuha G., Tadeu Bueno Costa C., dos Santos Tarquinio G., Helfenstein E.

Difficult intubation in head and neck laser surgery  
Rodrigues H.¹, Aguiar Pereira I.¹, Gouveia F.¹, Panzina A.¹, Rodrigues F.², Rocha C.³

Difficult ventilation after successful intubation in the emergency - case of tracheal stenosis  
Kalamkar Y., Mehta V., Jeeji R., Sundara Rajan R.

Failed intubation due to tracheal stenosis  
Pereira C., Tavares F., Cardoso C., Rego J., Marinheiro L., Teixeira M.J.

Impossible intubation: interest of superior laryngeal block  
Azale M.¹, Kamga H.², Doppia M.-A.², Viquesnel G.³, Hanouz J.-L.²

The anesthetic management of a patient with myasthenia gravis and tracheal obstruction  
Kamoun I., Mhiri L., Hannachi Z., Dridi A., Ouerghi S., Mestiri T.

Evaluation of the factors and the management of the airway in urgent debridements by odontogenic abscess during 32 months  
Rovira Lazaro E.
The association of neutrophil gelatinase-associated lipocalin with inflammation, organ dysfunction and survival in surgical sepsis
Bojic S.1, Kotur-Stevuljevic J.2, Memon L.1, Toskovic B.6, Simic-Ogrizovic S.5

A novel strategy toward developing CO prodrugs and its therapeutic applications
Ke B.

Effects of glycyrrhizin on myeloid cells of the heart and lungs in lipopolysaccharide-induced septic mice
Son I., Kim S.-H.

Inventory of infections related to central venous catheters in a Moroccan medical resuscitation department
Ezzouine H., Dghoughi S., Benslama A.

PERIOPERATIVE MEDICINE
Learning Track 8

Saturday, 3 June 2017
14:30 – 16:00
Poster e-Board 8

Implementation of a fast recovery protocol for total knee replacement (TKR) in our hospital
Lloret Villas B., Baca Pose B., Clotas Palou E., Escobar Ayllón M., Hernández Aguado C.

Postoperative hoarseness: does it affect quality of recovery?
Pereira Alves dos Santos Neto I.M.1, Carvalho B.2, Araujo Rebelo P.J.3, Silva M.1, Abelha F.4, Mourão J.4, Neoplasic patients recovery

Abdominal compliance optimization decreases standard pneumoperitoneum insufflation pressure in laparoscopic surgery – the ‘Individualized Pneumoperitoneum Pressure in Colorectal Laparoscopic Surgery (IPPColLapSe)’ trial
Díaz-Cambronero O.1, Robles Fernandez D.2, Olmedilla Arnal L.E.3, Flor Lorente B.4, Matos Jaen S.1, Argente Navarro M.P.1

Perioperative acquired weakness (POAW)
Lachmann G., Kuenz S., Kurpanik M., Spies C., Wollersheim T., BioCog Study Group

Preoperative levosimendan in heart failure patients undergoing hip fracture repair: a preliminary report
Martin Lorenzo M.D.C.1, González Fariña V.1, Montón Giménez N.1, Brito Do Carmo M.A.2, Torres Dios J.A.3, Solera Marín J.1

Polypharmacy drug errors in the elderly peri-operative population; are we providing a disservice to an at-risk group?
Isherwood J., Powell A., Mcnorton D., Gribben S., Saxena S.

Reduced postoperative complications and length of hospital stay in colorectal surgery after implementation of an enhanced recovery protocol
Rigollés-Melchor J.1, Caiani- Francés R.1, Criado-Camargo S.3, Jerez-Rodríguez P.3, Contreras del Barrio A.1, Calvo-Vecino J.M.1

Short- and long-term outcomes of patients with hypertrophic cardiomyopathy who received non-cardiac surgery
Yatabe T., Kubo T., Nagano S., Nakagoshi N., Yokoyama M.

Patients’ opinions on acupuncture treatment for perioperative complications: a Chinese survey
### 14AP03-10

**7 Year Study on Perioperative Glucose Targets and Post-operative Surgical Site Infection and Mortality**

Ker S.¹, Ng R.², Tan T.E.³, Chew S.⁴

### 14AP03-11

**Intra-operative chloride load and peri-operative Acute Kidney Injury in high - risk surgical patients**

Marouli D.², Chatzimichali A.², Syrogianni P.², Kolyvaki S.², Papaioannou A.²

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**PATIENT SAFETY**

**Learning Track 14**

**16AP02 Abstract Presentation Session**

**Saturday, 3 June 2017**

**14:30 – 16:00**

**Safety hazards in perioperative and intensive care**

**Poster e-Board 9**

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Hinokuchi M., Imabayashi T., Irie Y., Hagihara S., Matsunaga A., Kanamura Y. |
| 16AP02-2 | Can we predict the risk of pressure ulcers in patients in intensive care unit?  
Gherghina V., Cindea I., Balcan A., Popescu R., Costea D.² |
| 16AP02-3 | Exercise induced anaphylaxis (EIA) and pregnancy  
Hoskote H., Eradio Lopez Pradere A. |
| 16AP02-4 | Intraoperative hyperglycemia increases the risk of postoperative delirium in nondiabetic patients  
Lachmann G., Wollersheim T., Kurpanik M., Kuenz S., Spies C., BIOCOG Study Group |
| 16AP02-5 | Risk Factors of postoperative shivering after oral-maxillofacial surgery  
Tsukamoto M.¹, Hitosugi T.², Yokoyama T.² |
| 16AP02-6 | Risks of accidental exposure to blood in Tunisian intensive care units  
Nakhli M.S.¹, Kahloul M.², Kacem I.², Guedri S.², Mhamdi S.¹, Mrizak N.² |
| 16AP02-7 | Spinal anesthesia in aortic valve regurgitation  
Domi R., Abdyl A., Sula H., Jano A., Ohri I., Gani H. |
| 16AP02-8 | Unilateral blurred vision following lumbar spine surgery  
Lee J.S., Ha D.H., Ban S.Y. |
| 16AP02-9 | Radiation exposure affecting anaesthetic personnel during Endoscopic Retrograde Cholangiopancreatography (ERCP)  
Sutton P., Vichitpaisal P. |
| 16AP02-10 | Ureteral double J stent: where did it go?  
Ferreira C., Rego S., Almeida V., Moinho N. |
| 16AP02-11 | Central venous catheters and its complicaciones among trainees in a tertiary university hospital ICU  
Fariña González T.F., Maichle S., Sanchez Cesteros C., Velasco Lopez E., Alvarez González M., Sanchez García M. |
| 16AP02-12 | Guidewire retention: reported incidence, location and timing of error  
Mariyaselvam M.²*, Walters H.², Callan C.², Mathew K.², Jackman S.², Young P.³ |
**Chairs:**
Marco Abraham Marcus (Qatar)
Jessica Magali Rosas Saldivar (Mexico)

**08AP01-1**
**Pregabalin for improving the quality of anesthesia recovery in bariatric surgery:**
randomized, double-blind, placebo-controlled clinical trial
De Jesus Martins M.1, Martins C.P.M.D.2, Sacramento B.B.C.2, Augusto Bastos Mello C.3, Leal Alves R.1, Sueli Pinheiro Módolo N.4

**08AP01-2**
**Reduction of pain intensity in adult patients with acute pain due to fractures, dislocations and other injuries treated with low-dose methoxyflurane: a subgroup analysis of a Phase III, randomised, double-blind, placebo-controlled study**
Coffey F.*1, Dissmann P.2, Mirza K.3, Lomax M.4

**08AP01-3**
**Safety and efficacy of Sufentanil Sublingual Tablet System for postoperative pain relief after laparotomic hysterectomy**
Leykin Y., Busetto N., Laudani A.

**08AP01-4**
**The analgesic effect of nefopam with fentanyl in intravenous patient-controlled analgesia after arthroscopic orthopedic surgery**
Jeong M.A., Oh Y.N., Kim T.Y.

**08AP01-5**
**The combination of parecoxib and propacetamol reduces opioid consumption and hypoxemic episodes following unilateral hip arthroplasty**
Essex M.3, Camu F.3, Bhadra Brown P.1, Cheung R.4

**08AP01-6**
**A phase 3 open label study of the sufentanil sublingual tablet 30 mcg for treatment of acute post-operative pain**
Jove M.1, Minkowitz H.*2, Hutchins J.3

**08AP01-7**
**Analgesic effects of Co-Crystal of Tramadol-Celecoxib in patients with moderate or severe pain at baseline: subgroup analysis of a randomised, double-blind, Phase II clinical trial in patients with acute pain after dental surgery**
Dastros-Pitei D.*1, Videla S.1, López-Cedrún J.L.1, Puyada A.2, Plata-Salamán C.2, Monner A.3

**08AP01-8**
**Dosing observations and pharmacokinetics by surgery type across four randomized, placebo-controlled trials with the sufentanil sublingual tablet**
Dahan A.4, Estebe J.-P.2, Jove M.3

**08AP01-9**
**Efficacy of low-dose methoxyflurane analgesia in adult patients presenting to the emergency department with acute pain due to contusions and lacerations: a sub-analysis of a Phase III, randomised, double-blind, placebo controlled UK study (STOP!)**
Coffey F.*1, Dissmann P.2, Mirza K.3, Lomax M.4

**08AP01-10**
**Nabilone as an analgesic adjuvant during general balanced anesthesia in laparoscopic cholecystectomy**
Rosas Saldivar J.M.1, Juarez Pichardo J.S.2, Rivera Ordoñez A.3

**08AP01-11**
**Does patient controlled epidural analgesia is the best option for postoperative analgesia in cancer surgery? – A Romanian experience**
Zgala A.O.1, Achimias Cadariu P.2, Lisencu C.2, Vlad C.2, Sandesc D.1, Irimie A.4
**Airway**

- **01AP04-1**
  A comparison of McGrath MAC videolaryngoscopy and Macintosh laryngoscopy for orotracheal intubation in children: a randomised controlled trial
  Ji Eun K., SuHyun S., Dae Hee K., Sook Young L., Jong Yeop K.

- **01AP04-2**
  Anesthetic management for interventional rigid bronchoscopy, compared with dexmedetomidine and remifentanil
  Murozono M., Miyashita R., Takeda A., Honma T., Yanagita K.

- **01AP04-3**
  Clinical application of the intubation difficulty scale on Taiwanese patients
  Tseng A.C., Kang T., Sun H., Tsai Y., Wu Y., Wang J.

- **01AP04-5**
  Sore throat incidence in intubated patients
  AlJa'bari A.

- **01AP04-6**
  Dexmedetomidine as sedative in the management of anticipated difficult airway
  Makrypodi M., Andreeva A., Dimakopoulou A., Douma A.

- **01AP04-8**
  The curvature of the endotracheal tube exacerbated postoperative sore throat
  Yahagi M., Satsumae T., Tanaka M.

- **01AP04-10**
  The effectiveness of the tests used for predicting intubation difficulty and the use of McGrath Videolaryngoscope in cases BMI >30 kg/m²
  Basar H., Baltaci B., Cakirca M., Bedevi R.

- **01AP04-11**
  TotalTrack VLM: our first experience
  Hinojal Blanco I., González Carrasco F.J., Casas Vila I., Díaz Jover R., Moral García V.

**Respiratory physiology**

- **01AP05-1**
  Bariatric surgery, sleep apnea and pulmonary hypertension
  Donat A., Stalla-Bourdillon A., Bouattour K., Pourcher G., Roisman G., Mercier F.J.

- **01AP05-2**
  Change of concepts in protective ventilation during general anesthesia: the concept of intraoperative protective ventilation changes according to the times and the level of knowledge
  Kim S.H., Na S., Kim J.
Comparison between Standard Preoxygenation and Transnasal Humidified Rapid-Insufflation Ventilatory Exchange (THRIVE) in Difficult Airway during Induction of Anaesthesia
Belamaric Z., Nagore D., Jimeno J.P., Bilbao A., Garth T., Harky A.

Diabetes mellitus affects the respiratory mechanics and the ventilation perfusion ratio
Fodor G.H.1, Balogh A.L.2, Study R.2, Vigh E.2, Petak F.2, Babik B.2

Effects of hyperbaric oxygen therapy (HOT) in the treatment of severe soft tissue infections
Freitas Silva R., Rosa P., Melo F., Gomes A., Cabral T., Lima C.

Evaluation of regional lung ventilation in different surgical positions with electrical impedance tomography

Is there any relationship between oxygen reserve index (ORI) and arterial partial pressure of oxygen? A preliminary study in surgical patients
Duca A.1, Del Rio E.1, Fuentes I.1, Incertis R.1, Llau J.1, Ferrandis R.2

Isocapnic hyperventilation provides early extubation after sevoflurane anaesthesia for major ENT surgery: a pilot study
Hallén K., Pether J., Stenqvist O., Ricksten S.-E., Lindgren S.

Spirometry: is it a reliable morbidity and mortality predictor in morbid obese patients who undergo a bariatric surgery?
Tarraga Honrubia C.1, Salas Rezola E.1, Martinez A.R.1, Aristy C.1, Alvarez M.1, Mas-Serrano P.2

Inhaled budesonide does not improve the incidence and severity of acute mountain sickness
Macholz F.1, Sareban M.2, Fried S.3, Bärtsch P.3, Mairbäurl H.3, Berger M.M.1

Inflammatory gene polymorphism and prolonged mechanical ventilation after liver transplantation: preliminary study
Kim T.L., Kim E.J., Choi S.H.

REGIONAL ANAESTHESIA
Learning Track 3

03AP01 Abstract Presentation Session Saturday, 3 June 2017 16:30 – 18:00 Neuraxis Poster e-Board 3

Chairs:
Sina Grape (Switzerland)
Elke Maria Elisabeth Bos (Netherlands)

Systematic review of spinal and intracranial complications after central neuraxial blocks for perioperative and obstetric anaesthesia and analgesia. Part I: hematoma
Bos E.M.E.1, Haumann J.2, de Quelerij M.3, Kalkman C.J.4, Hollmann M.W.5, Lirk P.B.1

Systematic review of spinal and intracranial complications after central neuraxial blocks for perioperative and obstetric anaesthesia and analgesia. Part II: abscess
Bos E.M.E.1, Haumann J.2, de Quelerij M.3, Kalkman C.J.4, Hollmann M.W.5, Lirk P.B.1

Intravenous dexamethasone for the prophylaxis of postoperative nausea and vomiting after neuraxial administration of long-acting opioids: a systematic review and meta-analysis
Grape S.1, Albrecht E.2

Retrospective cohort of 24,974 surgical cases under spinal anesthesia: bupivacaine dose and failure rate
Avidan A., Weissman C., Weiniger C.
03AP01-5 Paramedian approach: a better technique for spinal anaesthesia in elderly patients for femoral proximal fracture surgery
Zhurda T., Horeshka S., Sturce R., Bajraktari M., Jaho E., Dautaj B.

03AP01-6 Optimal level of epidural block for perioperative analgesia in nuss procedure
Fesenko U.¹, Myhal i.², Albokrinov A.²

03AP01-7 The influence of spinal anesthesia and body positioning on cerebral blood flow and hemodynamics
Grauslyte L., Banevicius G., Bilskiene D., Vilke A., Macas A.

03AP01-8 Continuous caudal epidural infusion for surgical treatment of severe forms of hypospadias in pediatric patients
Galante D.¹, Badii F.², Melai E.¹, Pedrotti D.², Lambo M.S.³, Cococcia L.⁶

03AP01-9 Comparison of two doses of hypobaric bupivacaine in unilateral spinal anesthesia for hip fracture surgery: 5 mg versus 7.5 mg
Nakhli M.S., Kahloul M., Chouchene A., Chebbi N., Naija W., Mhamdi S.

03AP01-10 The role of using Ephedrine after the administration of spinal anaesthesia in preventing hypotension after lowering the patients’ legs at the end after the transurethral resection of prostate (TURP) and transurethral resection of bladder tumor (TUR BT)
Gani H.¹, Naco M.², Shpata V.², Domi R.¹, Ohri I.¹, Beqiri V.¹

03AP01-11 Do really we know what cause hypotension after spinal anaesthesia?
Solares G., Abascal E., Rabanal J.M., Eced M., Salomon C., Solar A.

OBSTETRIC ANAESTHESIOLOGY
Learning Track 4

04AP03-1 Degree of pain relief following induction of epidural analgesia and it’s correlation to pain alleviation during labor and delivery
Nevo A.¹, Aptekman B.¹, Goren O.¹, Matot I.¹, Weinger C.²

04AP03-2 Programmed Intermittent Epidural Bolus (PIEB) versus Patient Controlled Epidural Analgesia (PCEA) plus background infusion for labour analgesia. A randomised double blind clinical trial
Diez-Picazo L.D.*¹, Guasch E.¹, Alvar E.¹, Diez J.², Schiraldi R.¹, Gilsanz F.¹

04AP03-3 Impact of intrathecal clonidine on labour progression and maternal foetal wellbeing: our experience
Aversano M.¹, Nardo G.¹, Valenti F.², Claroni C.¹, Todde C.¹, Frigo M.G.¹

04AP03-4 Safety of different local anaesthetics and their doses, used for labour pain relief with PCEA for primiparas: a randomized double blind controlled trial
Baliuliene V., Motiejaitis M., Rimaitis K., Macas A.

04AP03-5 The effect of labor analgesia on breastfeeding outcomes
Orbach-Zinger S.¹, Landua R.², Ovad O.¹, Liron C.¹, Hoshen M.², Eidelman L.¹

04AP03-6 The optimal concentration of local anaesthetics for labour pain relief with PCEA for primiparas: a randomized double blind controlled trial
Baliuliene V., Rimaitis K., Zavackiene A., Macas A.

04AP03-7 Complications and effectiveness of neuroaxial anesthesia for labor in patients under 17 years old in a tertiary university hospital
Diaz A., Martin A., Guasch E., Gredilla E., Gilsanz F.
Prostaglandins for labour induction and chronic postpartum back pain after labour epidural analgesia
Jaunberga Z., Vasilevskis E., Ozolina A., Liepina E., Vanags I.

An observational study investigating the positioning of epidural catheters and their function during labour analgesia
Muggleton E.R., Muggleton T., Bergman P.

Association between epidural space depth and body habitus features
Maor A.S., Weiniger C.

Identification of the epidural space: a double blind comparison between the CompuFlo® Epidural Computer Controlled System and the standard LOR to saline technique in obstetrics
Coccoluto A., Chiarenza F., Camorcia M., Capogna G.

CARDIAC, THORACIC AND VASCULAR ANAESTHESIOLOGY
Learning Track 7

07AP04-1 Factors related to the severity of early post-operative infection after heart transplantation in patients surviving prolonged mechanical support periods: experience from a single university center
Abe R., Shibata S.C., Uchiyama A., Fujino Y.

07AP04-2 Important risk factors for acute kidney injury requiring dialysis after cardiac surgery in an Asian population
Yong D.W.W., Goh J.Y., Lee W.S., Liu W.L., Chew S.T.H., Ti L.K.

07AP04-3 Lung protective ventilation improves oxygenation and shortens ICU stay in patients undergoing minimally invasive cardiac surgery
Lin H.-Y., Lu C.-W., Lin T.-Y.

07AP04-4 Continuous thoracic paravertebral block reduces the risk of supraventricular arrhythmias after minimally invasive mitral valve repair
Taenaka H., Shibata S.C., Fujino Y.

07AP04-5 Association of interhemispheric oxygenation difference during cardiopulmonary bypass with postoperative delirium incidence in elderly cardiac surgery
Ito H.

07AP04-6 Preventing lung injury after cardiac surgery – a quality improvement project
Dooley N., Harky A., Wicks P., Griffiths M.

07AP04-7 Primary metastatic atrial sarcoma: a case report

07AP04-8 Occurrence of massive brain infarction just before emergency surgery for re-Bentall. Dilemma in decision heart or brain?
Sigdel S., Sakamoto H., Nozumi Y., Masuda K., Miyagi M., Hideyuki O.

07AP04-9 Does Edmonton Frailty Score (EFS) predict postoperative delirium in patients undergoing cardiac surgery?
Schubert M., Watremez C., Kahn D., Matta A., Momeni M.

07AP04-11 A case report of electrical storm during aortic valve replacement and cardiac artery bypass requiring 16 attempts at electrical cardioversion
Mori T., Kodaka M., Nihei W., Okamura K., Nishiyama K., Komori M.
### TRANSFUSION, HAEMOSTASIS AND THROMBOSIS

**Learning Track 17**

**Saturday, 3 June 2017**

**16:30 – 18:00**

**Bleeding management & transfusion 1**

**Chairs:**
Christian Fenger-Eriksen (Denmark)
Patrick Wuethrich (Switzerland)

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**12AP03-1**

**Impact of intraoperative administration of blood transfusion during radical cystectomy and urinary diversion for bladder cancer on cancer related outcomes and overall mortality: a retrospective analysis**


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**12AP03-2**

**Hemodilutional autologous blood transfusion reduces postoperative 12h chest tube drainage**

Sakamoto H., Harasawa K.

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**12AP03-3**

**Audit of undertransfusion in the oldest old: retrospective analysis of prospectively recruited patients undergoing elective surgery**


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**12AP03-4**

**Is Cell Saver an effective and safe blood saving measure in reconstructive oral and maxillo-facial surgery?**

Dobrodeev A.

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**12AP03-5**

**Bleeding risk management in a patient with familial Macrothrombocythopenia associated with decreased receptor GpIIb/IIa**

Tavares F., Pereira C., Marinheiro L., Domingues S.

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**12AP03-6**

**Do we need use fresh frozen plasma in patients after liver transplantation?**

Kuandykov T., Mutagirov V.

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**12AP03-7**

**Management of massive haemorrhage: results from our protocol activation**


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**12AP03-8**

**Benefit of the torniquete on postoperative bleeding in total knee arthroplasty**

Focaccio Tejada C.A., Barajas C., Mourad M., Padron O., Ramirez C., Rodriguez A.

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### INTENSIVE CARE MEDICINE

**Learning Track 11**

**Saturday, 3 June 2017**

**16:30 – 18:00**

**ICU in real life 1**

**Chairs:**
Gilda Cinnella (Italy)
Tobias Wollersheim (Germany)

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**13AP04-1**

**Sub-clavian vein variations to predict fluid responsiveness**

Abraham P., Giraud R., Siegenthaler N., Bendjeld K.

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**13AP04-3**

**Myostatin in intensive care unit acquired weakness**

Wollersheim T., Carbon N., Fielitz J., Mai K., Spranger J., Weber-Carstens S.

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**13AP04-4**

**Critically ill medical patient outcomes after discharge from intensive care – the prospective longitudinal ‘CIMPOD’ study of Malta’s national ICU survivors**

Grech A., Abela C.
Evaluation of Glasgow Coma Scale after non-cardiac and non-neurologic surgery among intensive care patients
Silva D.1, Choupina B.2, Lopes A.1, Casimiro L.G.1, Santos A.1, Abelha F.1

Mortality predictors (SAPS II versus APACHE II) in a intermediate respiratory care unit
Molines A., Muñoz J.L., Cuquerella V., Resalt-Pereira M., Berrio D.L., Pérez A.

A case of Herpes Simplex Encephalitis (HSE): a fleeting trick
Maugeri J., Pintaudi S.

Predictors of in-hospital mortality in a multi-ethnic Southeast Asian surgical intensive care unit
Yong J.K.1, Wong W.E.J.1, Sim M.A.1, Soh C.R.1, Ti L.K.1, Chew T.H.S.1

Abdominal compartment syndrome – a rare complication of veno-venous extracorporeal membrane oxygenation for primary graft dysfunction following lung transplantation
Valeanu L., Stefan M., Andrei S., Augustin P.

High short- and long-term mortality in major non-cardiac surgical patients admitted to the intensive care unit
Ekeloef S.1, Thygesen L.C.2, Gögenur I.1

Audit of ITU record documentation: Introducing CMART scoring system: be smart use CMART
Abbas M.1, Vidgeon S.2

Pheochromocytoma crisis presenting with cardiogenic shock
Pérez de Lis Novo M.1, Filgueira Davila E.1, Gonzalez Bermudez I.2, Vidal Seoane M.1, Arean I.3, Carballo C.5

PERIOPERATIVE MEDICINE
Learning Track 8
Saturday, 3 June 2017
16:30 – 18:00

Drugs and treatment 1

Chairs:
Peter Paal (Austria)
François Delort (France)

Apelin: new treatment for postoperative cognitves dysfunction?
Labaste F.1, Delort F.1, Vinel C.2, Frances B.3, Dray C.2, Minville V.1

Impact of Terlipressin infusion during and after live donor liver transplantation on incidence of acute kidney injury. A randomized controlled trial
Abdel Raouf M.1, Abou Elenain K.2, Al Sebaey A.1, Said H.1, Afifi M.2, Yassen K.1

Efficacy and safety of parecoxib for the treatment of pain following total knee arthroplasty in Korean patients
Noyes Essex M.*1, Choi H.-Y.2, Bhadra Brown P.3, Cheung R.4

Pharmacokinetics of single dose prophylactic gentamicin during cardiac surgery
Harky A.1, Cherian B.P.2, Satya D.2, Smith A.3, Shipolini A.4, SerafinoWani R.L.2

Intravenous Infusion of N-acetylcysteine in cirrhotic patients undergoing liver resection attenuates the postoperative increase in liver enzymes, C reactive protein and intercellular adhesion molecule 1. A randomized controlled trial
Yassen K.1, Sayed E.1, Gaballah K.1, Abou Elenain K.2, Said E.2

The combination of Nefopam and remifentanil is more effective to prevent the rocuronium-associated injection pain and withdrawal response compared with remifentanil alone. A prospective, double-blinded, randomized control study
Kim D.J.1, Kim S.H.1, An T.H.2
### CHRONIC PAIN AND PALLIATIVE MEDICINE

**Learning Track 10**

**Saturday, 3 June 2017**
**16:30 – 18:00**

**Posters e-Board 9**

**Chairs:**
- László Zubek (Hungary)
- Emmanuelle Scala (Switzerland)

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<td>09AP02-1</td>
<td>Breastfeeding as a protective factor of chronic pain after cesarean. Preliminary prospective cohort study</td>
<td>Vargas Berenjeno C.A., Sánchez Brotons M.J., Echevarría Moreno M., Trinidad Martín-Arroyo R., Flor Parra F.</td>
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<tr>
<td>09AP02-2</td>
<td>Effectiveness of multidisciplinary treatment of combine chronic pain syndrome in patients with multimorbidity</td>
<td>Samoylova N.¹, Gnezdzilov A.¹, Dolbneva E.¹, Chernova O.², Zhidkov I.³</td>
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<td>09AP02-3</td>
<td>Effects of combining (S+) ketamine to morphine in acute and chronic pain patients admitted to a Tertiary Hospital: a retrospective case series study</td>
<td>da Costa Paiva V.¹, Terra dos Santos Rossito C.¹, Peter Coletti Ciglo A.¹, Slullitel A.¹, Sousa A.M.¹</td>
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<tr>
<td>09AP02-4</td>
<td>Efficacy of pulsed-radiofrequency for suprascapular and lower subscapular nerve in chronic shoulder pain</td>
<td>Yoshimura N.¹, Usui Y.², Yamaguchi S.¹, Sugiyama Y.¹, Tanabe K.¹, Iida H.¹</td>
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<tr>
<td>09AP02-5</td>
<td>Is the quantitative pain assessment method &quot;Pain Degree&quot; less susceptible to psychological factors than VAS?</td>
<td>Okayasu T.¹, Hasegawa Y.¹, Mera H.², Kobayashi Y.², Ichimura M.³, Otake H.³</td>
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<td>09AP02-6</td>
<td>Level of readiness of chronic pain patients to practice self-care</td>
<td>Scala E.¹, Decosterd I.¹, Faouzi M.², Burnand B.², Rodondi P.-Y.²</td>
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<td>09AP02-7</td>
<td>Nabulimonum for treatment of fibromialgia: preliminary data</td>
<td>Quatrone D.¹, Bova G.¹, Barbagallo A.¹, Pedale M.², Mondello C.³, Cardia L.²</td>
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<td>09AP02-8</td>
<td>Neuralgic amyotrophy occurred in lower extremity</td>
<td>Lee H.¹, Shin I.</td>
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<td>09AP02-9</td>
<td>Pharmacokinetics of subcutaneously given dexmedetomidine in healthy adult volunteers</td>
<td>Uusalo P.², Tilli I.¹, Aantaa R.², Scheinin M.², Saari T.¹</td>
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<td>09AP02-10</td>
<td>Transdermal buprenorphine in hip and knee arthroplasty patients - a randomized, double-blind, placebo-controlled trial</td>
<td>Kokki H.¹, Härkänen L.², Sjövali S.², Huopio J.², Lehtonen M.², Kokki M.²</td>
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<td>09AP02-11</td>
<td>Utilization of duloxetine and pregabalin in osteoarthritis patients</td>
<td>Papakitsos G.¹, Kapsali A.², Roimpas A.², Papakitsou T.³</td>
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ACUTE PAIN MANAGEMENT
Learning Track 9
Saturday, 3 June 2017
16:30 – 18:00

Acute and chronic pain after surgery

Chairs:
Esther Pogatzki-Zahn (Germany)*
Winfried Meissner (Germany)

08AP02-1 Chronic post surgical pain after carpal tunnel syndrome surgery
Sansone P., Donatiello V., Pace M.C., Passavanti M.B., Pota V., Aurilio C.

08AP02-2 Does protocolled pain management improve post-surgery pain after thoracic or video-assisted thoracoscopic surgery (VATS)?
Schouten-Waisvisz A., Keers J., Dunik P., ten Hagen A.

08AP02-3 Evaluation of acute postoperative pain control and identification of risk factors - experience in a tertiary care center
Albuquerque D., Rocha Abecasis M., Resende A.

08AP02-4 Opioids for post-surgical pain: potential cause of chronic use?
Chatziperi A.

08AP02-5 Prediction of persistent pain 4, 8 and 12 months after breast cancer surgery by a simple risk model
Dereu D., Mathion S., Savoldelli G., Rehberg-Klug B.

08AP02-6 Predictors of severe postoperative pain after laparoscopic cholecystectomy
Kuchyn I., Bielka K., Babych V.

08AP02-7 Staying longer is worth the effort! Interventions for a patient-oriented working-hours model in postoperative pain therapy
Göttermann A., Weinmann C., Meissner W.

08AP02-8 Tough cookies: the older the patients, the more pain tolerating?
Weinmann C., Komann M., Meissner W.

GENERAL ANAESTHESIOLOGY
Learning Track 1
Sunday, 4 June 2017
08:30 – 10:00

Case reports, miscellaneous

Chairs:
Jan Paul Mulier (Belgium)*
Canan Yilmaz (Turkey)

01AP06-1 Hypnosis as an adjuvant treatment in open septorhinoplasty
Ozgunay S.E., Omen S., Karasu D., Taymur I., Yilmaz C.

01AP06-2 Catecholamine secreting tumors - an anesthetic challenge
Carreteiro J., Alves D., Costa Martins I., André A.I., Palma Mira F., Aguiar I.

01AP06-3 General anesthetic management of Prader-Willi syndrome patient undergoing bariatric surgery: a case report
Lijnzaat L., Rodrigues J., Pelciano Paulos J., Romão C., Silva Pinto J.M., Fragata I.

01AP06-4 Huntington’s disease: an anaesthetic challenge
Vidal Seoane M., Perez de Lis Novo M., Silva Carballal I., Pensado Castiñeiras A.
Brachial plexus neuropraxia after CT-guided radiofrequency ablation in a patient with a narrowed costoclavicular space
Ong Y.Y., Zeng L.A., Lew J.P.

Effects of Pringle maneuver on systemic hemodynamics during liver resection surgery under thoracic epidural anaesthesia. Role of dynamic arterial elastance (Eadyn)
Varela J.A., Perez Peña J., Lisbona C., Blanco J., De Miguel A., Olmedilla L.

Postoperative opioid consumption after opioid free anesthesia for major abdominal surgery: going towards opioid-free analgesia?
Daouphars T., Anger M., Beloeil H., Estebe J.-P.

Trigeminocardiac reflex in open reduction for TMJ dislocation
Kim Y.1, Lee J.2, Lee W.H.1

01AP06-5
Brachial plexus neuropraxia after CT-guided radiofrequency ablation in a patient with a narrowed costoclavicular space
Ong Y.Y., Zeng L.A., Lew J.P.

01AP06-6
Effects of Pringle maneuver on systemic hemodynamics during liver resection surgery under thoracic epidural anaesthesia. Role of dynamic arterial elastance (Eadyn)
Varela J.A., Perez Peña J., Lisbona C., Blanco J., De Miguel A., Olmedilla L.

01AP06-7
Postoperative opioid consumption after opioid free anesthesia for major abdominal surgery: going towards opioid-free analgesia?
Daouphars T., Anger M., Beloeil H., Estebe J.-P.

01AP06-8
Trigeminocardiac reflex in open reduction for TMJ dislocation
Kim Y.1, Lee J.2, Lee W.H.1

06AP03-1
association between blood pressure lability and postoperative delirium in neurosurgical patients
Badenes R.1, García-Pérez M.L.1, Del Río M.E.1, Lascorz L.1, Taccone F.S.2, Bilotta F.3

06AP03-2
Brown-Séquard syndrome: a possible relationship with neurogenic shock
Paulo L., Rego S., Husson N., Costa G., Ribeiro P.

06AP03-3
Effect of early intraoperative magnesium sulfate application on the incidence of vasospasm and postoperative clinical outcome in patients with aneurysmal subarachnoid haemorrhage – a retrospective cohort study
Weidinger C.1, Sommer B.2, Buchfelder M.2, Schmitt H.1

06AP03-5
NeuroFast standardized Echo-Doppler assessment of the brain circulation for a rapid systematized evaluation in emergency context: preliminary results about feasibility
Marullo L., Pandin P., Van Obbergh L.

06AP03-6
One year outcome of percutaneous tracheostomy in severe head injury
Martino C.1, Russo E.1, Di Prospero S.1, Bilotta F.3, Agnoletti V.1, Chieregato A.4

06AP03-7
Prediction of outcome and diagnosis of brain death in neurosurgical patients
Cherniy V.1, Gorodnik G.1, Andronova I.1, Nazarenko K.1

06AP03-8
Predictors and ICU outcomes of neurogenic pulmonary edema in aneurysmal subarachnoid hemorrhage
Mebouj S.1, Panigot N.2, Dhif N.2, Stojeba N.2, Pain L.2

06AP03-10
Prevention of postoperative pain after lumbar spine surgical procedures: systematic review of randomized clinical trials
Terracina S., Prete A., di Bella V., Savarese B., Gori R., Sergi P.G.

06AP03-11
Relationship between body temperature and neurological outcome in patients with acute brain injury: systematic review of clinical evidence
Pegoli M.1, Sergi P.2, Zanello M.1

06AP03-12
Results from an ICU follow up after severe traumatic brain injury
Martino C.1, Russo E.1, Silvia D.P.2, Chieregato A.1, Bilotta F.3, Agnoletti V.1
Neuraxis - case reports

Sunday, 4 June 2017
08:30 – 10:00

Chairs:
Slobodan Gligorjevic (Switzerland)
Tamara Diaz (Spain)

03AP02-1
Reverse Takotsubo cardiomiopathy following intrathecal anaesthesia for hip replacement surgery
Diaz T., Valle A., Rodriguez A., Alegret N., Bosch E., Collilles C.

03AP02-2
Incremental titration of unilateral spinal anaesthesia in a patient with severe aortic stenosis
Jones J., Gouveia J., Gomes P.

03AP02-3
Spinal anaesthesia in a patient with Machado-Joseph disease
Tavares F., Pereira C., Macieira J.

03AP02-4
The best of both worlds! Continuous spinal anaesthesia and peripheral nerve blocks for hip surgery in a patient with severe cardiac disease
Ferreira S., Vieira D., Jesus T., Antunes C., Barros A., Magalhães J.

03AP02-5
Failed continuous spinal for hip fracture: case report, causes, prevention and management
Nogueira Z., Sousa L., Santa Bárbara R., Viana I.

03AP02-6
Thoracic epidural anesthesia performed during open cholecystectomy in patient with situs inversus totalis in Kartagener’s syndrome
Kazazi E., Marta A., Peci J., Saliu R., Bulku E., Dautaj B.

03AP02-7
Continuous spinal anaesthesia (CSA) for emergency exploratory laparotomy – a valid approach?
Matias B., Fragoso P., Melo A.

03AP02-8
Continuous spinal anaesthesia for emergency infra umbilical laparotomy in a patient with Eisenmenger’s syndrome
Saura C., Oliveira C., Gregório A.R., Pereira V., Sampaio J.

03AP02-9
Ultrasound-guided paravertebral block for abdominal pain relief after transcatheter intrarterial chemoembolization of hepatic metastases
Anaya R., Baños Lapuente V., Hoffmann R., Gil Sánchez J.M., Italiano S., Moral García M.V.

03AP02-10
Persistent Hypothermia and Excessive Sweating Following Intrathecal Morphine Administration in a Teenage Boy: A case report
Caria T., Ferraz S., Silva A., Cenicante T., Candeias M.J.

03AP02-11
Sub arachnoid block in pregnant patient with suspected hereditary hypokalemia periodic paralysis (HHPP)
Veterini A., Maharani V., Utariani A.

03AP02-12
Panic attack following spinal block: an unexpected and challenging event
Oliveira C., Nóbrega S., Simões V., Romão C., Poeira R.
**Preeclampsia & cardiovascular diseases**

**04AP04-1**

Preeclampsia significantly increases the future risk of coronary heart disease in women undergoing Caesarean section delivery

Chao Y.-M., Huang C.-J.

**04AP04-2**

Maternal cardiac diseases and pregnancy: maternal, obstetrical and neonatal outcomes: a systematic literature review

Bonnet V., Simonet T., Labombarda F., Dreyfus M., Hanouz J.-L.

**04AP04-3**

Cardiovascular disease in pregnancy classified after the WHO risk-index: a retrospective observation of different anaesthetic methods during cesarean sections

Wittmann M., Guttenthaler V., Baumgarten G.

**04AP04-4**

Vascular Ehlers-Danlos syndrome (vEDS): complications and anaesthetic management during pregnancy

Rosa A., Fischer C., Cordier A.-G., Benachi A., Franck M., Mercier F.

**04AP04-5**

Women with Caesarean section delivery have a higher risk of subsequent coronary heart disease than women with vaginal delivery

Yuan H.-B., Huang C.-J.

**04AP04-6**

Anesthesia and maternal hypertensive disorders - analysis of a tertiary maternity center

Rego S., Lima M., Silva C., Alves C., Carvalhas J.

**04AP04-7**

Cardiogenic shock associated to stress cardiomiopathy during sedation for endometrial curettage after spontaneous abortion. Case report

Masgoret P., Calvo A., Chanza M., Caballero A., Borrat X., Mercadal J.

**04AP04-8**

Anaesthetic challenge in parturient with systemic mastocytosis

Fernandes A., Mendonça M., Freitas S., Câmara L., Müller S.

**04AP04-9**

Anaesthetic management of a labouring parturient with Brugada syndrome

O’Flaherty D., Murphy C., Thornton P.

**04AP04-10**

Acute aortic dissection: a possible high risk scenario of peripartum

Galveias I., Rodrigues C., Damas M., Lança F., Encantado V.

**04AP04-11**

Anesthesia for c-section in women with hypertensive disorders – how are we doing it?

Lima M., Rego S., Silva C., Alves C., Carvalhas J.

**Cardiothoracic experimental**

**07AP05**

Cardiothoracic experimental

**AP**

Sunday, 4 June 2017

08:30 – 10:00

**Chairs:**

Matthias Jacob (Germany)

Kirsten Smit (Netherlands)
Exposure to plasma from helium breathing volunteers reduces hypoxia induced cell damage in human endothelial cells
Smit K.1, Oei G.T.1, Hollmann M.W.1, Preckel B.1, Patel H.H.1, Weber N.C.1

New antiarrhythmic in intramyocardial arteries’ remodelling in heart structural disease
Martín-Oropesa R.1, Pazo-Sayós L.1, Delgado-Martos M.J.2, Muñoz D.1, Delgado-Baeza E.2, Quintana-Villamandos B.1

Protector effect of esmolol on thoracic aorta remodeling by ADMA pathway in arterial hypertension
Martín-Oropesa R., Gómez B., Ávalos E., Ramos E., García-Reza A., Quintana-Villamandos B.

Regression of myocardial remodeling with a multichannel antiarrhythmic: positron emission tomography (PET) and echocardiography study
Frade-Mochales M.1, Gómez de Diego J.J.2, Fernández D.1, Delgado-Martos M.J.3, Delgado-Baeza E.3, Quintana-Villamandos B.3

Ventilation protocol in a new experimental ex vivo single-lung perfusion model for transplantation
Ramos S.1, Garutti I.1, Fernandez-Peña A.1, Puig A.1, Simon C.2, Vara E.3

Relationship between the level of preoperative leukocytes and the level of leukocytes after 24 and 48 hours and postoperative arginase 1 activity. A new index for inflammation in cardiac surgery?

The utility of prothrombin complex concentrate in order to treat the dilutional coagulopathy due to the use of cell saver

Can the degree of cardiac I/R damage determined in animal models be translated to the damage in humans with myocardial infarction or cardiac surgery?
Posthuma L.M.1, O’Brien P.1, Zuurbier C.J.1, Preckel B.3

Protective effect of anthocyanin on lung ischemia-reperfusion injury
Yu S., Wenling Z., Jing L., Bin L.

**RESPIRATION AND AIRWAY MANAGEMENT**
Learning Track 13

**Tuesday, 6 June 2017**
08:30 – 10:00

**Novel techniques in difficult airway management**

**Chair:**
Tolga Saracoglu (Turkey)

**1103-1**
**New device enabling a smartphone to use as a bronchoscope monitor: the i-NTER LENS™ (Micronet Corporation)**
Umezaki K., Inomata S.

**1103-2**
**Reinforced laryngeal mask airway in ENT Surgery: a 15 years experience**
Torres S., Sousa M., Pacheco M., Afonso D., Gomes L., Leão P.

**1103-3**
**Upside (Down Mask Ventilation UDMV) for paediatric patients: a pilot study**
Shainaz Dooply S.S.L., Esen A., Gyl K., Calm M., Karaaslan K.

**1103-4**
**A mandatory mask ventilation trial before neuromuscular block: a qualitative study of its conceptual and practical significance for registrars and junior anaesthetists**
Saastamoinen M., Frykholm P., Larsson J.
A novel approach to difficult airway management in Thoracic surgery with Totaltrack® videolaryngoscope and bronchial blockers
Granell M., Pereira F., Broseta A.M., Biosca E., Nieto S., De Andrés J.

Comparison of intubation success rates of metallic reusable laryngoscope blades and metallic/plastic laryngoscope blades in morbidly obese patients
Kara A., Bilgin H., Bayraktar S., Rahimi P., Soylu N.B., Kirac Ogur F.

Comparison of the intracuff pressure of tapered-cuff endotracheal tube and classic cylindrical-cuff endotracheal tube after lateral rotation of head during middle ear surgery: a prospective, single-blind randomized, controlled trial
Jeon Y., Lee H., Kim S.

Insertion depths of RAE tracheal tubes for orotracheal intubation according to fixation site and head position changes
Kang J., Jung H.

Is epidural catheter the best choice to anesthetize a partially obstructed airway for an awake fiberoptic tracheal intubation?
Pimenta M., Andrade D., Rodrigues M., Gonçalves M., Canas M., Matos F.

Low skill fibreoptic intubation through classic LMA: comparison of performance between senior and junior anaesthetists - a pilot study
Chow S.Y., Tan Y., Ho V.K., Matthews A., Wong T., Wong P.

INTENSIVE CARE MEDICINE
Learning Track 11

Sunday, 4 June 2017
08:30 – 10:00

Sepsis & infections 2

Chairs:
Gernot Marx (Germany)*
Romain Jouffroy (France)

Does hyperoxemia since pre hospital emergency medicine influence prognostic in patients with septic shock?

Outcomes in an elderly septic surgical patients cohort
Perez Gonzalez A., Martin Alfonso S., Lopez del Moral Lopez O., Almudi Ceinos D., Rico Feijoo J., Aldecoa Santullano C.

Pharmacokinetic/pharmacodynamic (PK/PD) evaluation of caspofungin in a population of critically ill septic patients
Adembri C., Villa G., Loriga B., Novelli A., Rosi E., Tofani L.

Effect of ultrasound and contrast microbubbles on amikacin diffusion in lung and muscle tissues in a rabbit model
Remerand F., Espitalier F., Darrouzain F., Novell A., Piver E., Bouakaz A.

Assessing national guidelines for secondary intra-abdominal infection empiric antimicrobial therapy: review of the bacteriology and antimicrobial susceptibility in a spanish tertiary-level hospital
Moreno Martinez C., García Bermedo C.A., Benitez Cano A., Sadurní Sardá M., Bermejo Martínez S., Carazo Cordobés J.

Clinical use of presepsin and CRP in diagnosis and prognosis of sepsis - the influence of BMI and age
Moise A., Guran C.-T., Balescu-Arion C., Mincu N., Stelea G.

Nosocomial pneumonia with multiresistant germs and probabilistic antibiotic therapy in Medical Resuscitation: year 2013-2014
Ezzouine H., Slimani Y., Benslama A.
13AP05-8 Anidulafungin for prevention of intraabdominal candidiasis in high risk surgical patients
Pérez de Lis Novo M., Vidal Seoane M., Rama-Maceiras P., Lopez M., Rey T., Pensado Castiñeiras A.

13AP05-9 Epidemiology and mortality of invasive candidiasis in high risk surgical patients
Vidal Seoane M., Pérez de Lis Novo M., Yañez A., Martinez S., Fernández Carballal M.F., Pensado Castiñeiras A.

PERIOPERATIVE MEDICINE Learning Track 8

Sunday, 4 June 2017 08:30 – 10:00
Preoperative assessment and optimisation 2

14AP05-2 6MWT and Stop Bang Index for the preoperative evaluation of obese patients
Miccichè V., Spagnuolo M., Scarpati G., Piazza O.

14AP05-3 Unnecessary preoperative investigations: a quality improvement project at a district general hospital in UK
Dutta B., Somanath S.

14AP05-4 Early predictive markers of peri-operative Acute Kidney Injury in non-cardiac major surgery
Marouli D., Chatzimichali A., Syrogianni P., Kolyvaki S., Papaioannou A.

14AP05-5 Palonosetron versus ondansetron for prevention of nausea and vomiting after abdominal hysterectomy under spinal anesthesia: randomized, double-blinded clinical trial
Campos G.O., Jesus G.N., de Oliveira P.R.R., Lessa C.N., Alves R.L., Módolo N.S.P.

14AP05-6 The use of computerized physician order entry with clinical decision support reduces practice variance in ordering preoperative investigations: a before-after study
Sim E.J., Tan D.J.A., Abdullah H.R.

14AP05-7 Validation of a novel score for the identification of significant obstructive sleep apnoea in the obese surgical patients
Godoroja D., Cioc A.D.

14AP05-8 Preanaesthesia evaluation by using digital/telemedicine technologies in the Czech Republic - are our patients ready and willing to it?
Pařízek T., Gál R., Štourač P., Urbanec R., Vymazal T., Černý V.

14AP05-9 Physiological and Operative Severity Score for the enUmeration of Mortality and morbidity (POSSUM) system for outcome prediction in elderly patients submitted to hip fracture emergency surgery
Teles A.R., Marques de Castro J., Mourão J., Azevedo L.

14AP05-10 Are you throwing away time and money with unnecessary routine preoperative test?
Amorim J., Caldeira A.

14AP05-11 Feasibility and effectiveness of a personalised physical training program (prehabilitation) for the improvement of aerobic capacity in liver transplant candidates as a pre-surgical optimization maneuver: a pilot study
Risco-Martínez R., Ubre Lorenzo M., García-Barberán A., López Baamonde M., Coca-Martínez M., Martínez-Pallí G.
ACUTE PAIN MANAGEMENT
Learning Track 9

08AP03
Abstract Presentation Session
Sunday, 4 June 2017
08:30 – 10:00

Acute postoperative pain - regional analgesia techniques

Chairs:
Philip Lirk (United States)
Daniela Ologoiu (Romania)

08AP03-1
Serratus plane block impact in pain and opioid uptake in oncological breast surgery

08AP03-2
Spinal morphine for laparoscopic segmental colonic resection (SALMON-trial): a randomised controlled trial
Koning M.V.\textsuperscript{1}, Teunissen A.J.W.\textsuperscript{2}, van der Harst E.\textsuperscript{3}, Stolker R.J.\textsuperscript{1}

08AP03-3
Stellate ganglion block in addition to regional anaesthesia for major upper limb surgery with chronic painful syndrome: preliminary three cases
Truong H.-N., Pandin P., Rasero V., Colesnicenco A., Estruch I., Van Obbergh L.

08AP03-4
The analgesic efficacy of continuous thoracic paravertebral block with clonidine added to ropivacaine early postoperatively, after radical mastectomy
Cindea I.\textsuperscript{1}, Gherghina V.\textsuperscript{2}, Balcan A.\textsuperscript{1}, Samoila B.\textsuperscript{1}, Buzatu G.\textsuperscript{1}

08AP03-5
A randomized non-inferiority controlled trial of retrolaminar block versus paravertebral block for pain relief after lung surgery
Sugiyama T.\textsuperscript{1}, Kataoka Y.\textsuperscript{2}, Shiino K.\textsuperscript{1}, Itoi K.\textsuperscript{1}, Sato Y.\textsuperscript{3}, Tanaka S.\textsuperscript{1}

08AP03-6
Analgesic effects of bilateral superficial cervical plexus block in thyroid operation
Nunes Ferreira M., Sousa Correia J., Afonso A., Cardoso G.

08AP03-8
Comparative study of postoperative pain in elderly undergoing open hernia repair – spinal anesthesia vs. combined spinal and ilioinguinal block
Ologoiu D., Negoi M., Ologoiu D., Cotae A., Scrieciu A., Grinetcu I.M.

08AP03-9
Comparison of intraoperative epidural analgesia and intraoperative periarticular injection on acute pain control after total knee arthroplasty
Karasu D.\textsuperscript{1}, Sahin N.\textsuperscript{2}, Cansabuncu G.\textsuperscript{1}, Yilmaz C.\textsuperscript{1}, Cansabunci S.\textsuperscript{1}, Ozkaya G.\textsuperscript{4}

08AP03-10
Continuous blocking of brachial plexus for proximal humerus surgery: where to place the catheter?

08AP03-11
Initial evaluation of efficacy and safety of ultrasound guided lumbar plexus block in patients with ankylosing spondylitis undergoing total hip arthroplasty
Kumar K., Kumar S., Kumar A.

GENERAL ANAESTHESIOLOGY
Learning Track 1

01AP07
Abstract Presentation Session
Sunday, 4 June 2017
10:15 – 11:45

EEG, depth of anaesthesia

Chairs:
Emmanuel Boselli (France)
Hoon Kang (Republic of)
Bispectral Index monitoring in rats during intravenous propofol anaesthesia
Adachi Y., Taharabaru S., Satomoto M., Nishiwaki K.

Bispectral Index monitoring in rats during sevoflurane anaesthesia
Taharabaru S., Adachi Y., Satomoto M., Nishiwaki K.

Comparison between two versions of the Patient State Index® during propofol and sevoflurane anesthesia, with or without remifentanil

Effects of ketamine on EEG data: a case report

Remifentanil attenuates the spindle activity and decrease EEG amplitude during propofol anesthesia
Hagihira S., Kang H., Takashina M., Mori T.

The effect of neuromuscular block on the depth of anesthesia as measured by bispectral index
Kang H., Kim H., Lee J.

Intravenous lidocaine decrease isoflurane requirements during posterior lumbotomy as monitored by bispectral index
Nakhli M.S., Kahloul M., Harrathi A., Chebbi N., Naija W., Mhamdi S.

Neurostimulation in the pudendal nerve block in pediatric surgery: a randomized controlled trial
Sonia B.K., Abbes A., Refka K., Hajer B.

Vascular access for bleeding surgery in a pediatric university hospital
Latorre J., Pérez Ferrer A., Dennis Filippini S., De Vicente Sánchez J.

Anaesthesia for paediatric cardiac catheterization (CC) for closure of patent ductus arteriosus (PDA): 10 years experience
Czajkowska K., Madrigal A., Germanova L., Bento M., Jesus J., Lima H.
Comparison of the quality of introduction of anesthesia between inhalation and intravenous techniques
Stojanović Stipić S., Bajic Z.

REGIONAL ANAESTHESIA
Learning Track 3

Sunday, 4 June 2017
10:15 – 11:45

Preclinical research

Chairs:
Alain Borgeat (Switzerland)
Gordana Zivanovic-Posilovic (Croatia)

03AP03-1
Effect of intrathecal injection of bupivacaine on GABAARα1 subunit in rats
Hanxiang M., Yonghai Z., Fan Y., Qinghong L.

03AP03-2
Inhibition of T-type Ca²⁺ channel induces human neuroblastoma cell death and enhances neurotoxicity of bupivacaine
Tanaka K., Sakakibara K., Hashimoto A., Feng G.G., Fujita Y., Fujiwara Y.

03AP03-3
Pentadecapeptide BPC 157 counteracts the bupivacaine effect on a cell membrane
Zivanovic-Posilovic G., Balenovic D., Sindic A., Vlainic J., Sikiric P.

03AP03-5
Addition of dexmedetomidine to QX-314 enhances the duration of cutaneous analgesia in rats
Zhao W.L., Shi Y., Liu J., Jiang J.L., Zhang W.S.

03AP03-6
Serum IL-6, IL-10 and substance P concentrations of patients administered distinct anesthetic techniques in breast cancer surgery
Lopez V., Cassinello F., Moris L., Aravelo J., Vasquez M., Munoz L.

03AP03-7
Effect of anesthetic techniques on proliferation MDA-MB-231 tumor cells in vitro in breast cancer surgery
Moris L., Cassinello F., Lopez Perez V.

03AP03-8
Effect of anesthetic techniques on migration and apoptosis MDA-MB-231 tumor cells in vitro, in breast cancer surgery
Moris L., Cassinello F., Lopez V.

03AP03-9
A new model for the pharmacokinetic and pharmacodynamics analysis of epidural administered drugs in sedated dogs
Sang Sik C., Jung Eun K., Mi Kyoung L., Bong Jae L.

03AP03-10
Observation of the drug diffusion using ultrasound contrast agent in pig meat
Ando T., Mori A., Arakawa Y., Nishiwaki K.

NEUROANAESTHESIOLOGY
Learning Track 6

Sunday, 4 June 2017
10:15 – 11:45

Neurocritical care and technology in neuroscience

Chairs:
Georgia Tsaousi (Greece)
Kornkamon Yuwapattanawong (Thailand)

06AP04-2
Stress cardiomyopathy in aneurysmal subarachnoid hemorrhage
Nastasovic T., Milakovic B., Stosic M., Petrovic O., Grujicic D., Milenovic M.
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<th>Title</th>
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<tr>
<td>Cerebral oxygen saturation monitoring during spinal neurosurgery in</td>
<td>Murmiece S., Skudre A., Stepanovs J., Vjugins J., Vanags I., Mamaja B.</td>
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<td>prone position using near infrared spectroscopy</td>
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<td>Comparison of nasal and frontal BIS monitoring in neurosurgery. Does</td>
<td>Hajiyeva K., Meco B.C., Ozgural O., Yildirim Guclu C., Yorukoglu D.</td>
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<td>site of sensor placement effect BIS values?</td>
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<td>Correlation of cerebral oximetry and transcranial Doppler with</td>
<td>Kulikov A., Shmigelsky A., Tere V., Lukshin V., Usachev D., Lubnin A.</td>
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<td>intraoperative neurological monitoring during awake carotid</td>
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<td>endarterectomy</td>
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<td>Effects of retractors on endotracheal tube cuff pressure and</td>
<td>Yuwapattanawong K., Tuchinda L., Somboonviboon W., Lerdtsrisopon S.,</td>
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<td>recurrent laryngeal nerve palsy during anterior cervical disectomy</td>
<td>Sangtongjaraskul S., Saiwaew K.</td>
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<td>and fusion: a preliminary study</td>
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<td>Intraoperative neurophysiological monitoring improves safety in</td>
<td>Gomez Diago L., Hernández-Cádiz M.J., Torres-Calio N., Vicente-</td>
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<td>cervical chordomas surgery</td>
<td>Fernández P., De Andrés J.</td>
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<td>Optic nerve sheath diameter (ONSD) in supratentorial brain tumor</td>
<td>Aspide R., Pegoli M., Neri M., Zanello M.</td>
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<td>surgery: an option for non invasive raised ICP detection and</td>
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<td>management. Preliminary results and feasibility assessment</td>
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### CARDIAC, THORACIC AND VASCULAR ANAESTHESIOLOGY

**Learning Track 7**

**07AP06**

**Sunday, 4 June 2017**

**10:15 – 11:45**

**Vascular anaesthesia**

**Poster e-Board**

**S**

**Chairs:**

Thomas W.L. Scheeren (Netherlands)
Clara Serrano Zueras (Spain)

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<td>Perioperative copeptin concentrations in patients undergoing vascular</td>
<td>Kamber F., Mauermann E., Seeberger E., Bolliger D., Müller C., Lurati</td>
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<td>surgery</td>
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<td>Primary cardiac pheochromocytoma</td>
<td>Serrano Zueras C., Simic Silva D., Gonzalez A.I., Garcia Fernandez J.,</td>
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<td>Gomez Bueno M., Forteza A.</td>
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<td>Predictors of neurologic deficit after thoracoabdominal aortic</td>
<td>Hino M., Kajitani M., Takayama W., Mihara T.</td>
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<td>aneurysm repair: a retrospective study</td>
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<td>Carotid revascularization. Can we improve our efficiency?</td>
<td>Allaño M., González Cibrián C.C., Paz D., Pintado C., Arastey S.</td>
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<td>Thromboelastometry as guidance for blood products management in</td>
<td>Spinoni A., Martins K., Alonso A., Sarrais C., Beltrao R., Aguilar C.</td>
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<td>vascular aortic surgery</td>
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<td>Intraoperative transcranial ultrasound monitoring of cerebral middle</td>
<td>Medvedeva L., Zagorulko O., Belov Y., Drakina O., Shevtsova G.</td>
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<td>cerebral arteries blood flow and neurocognitive function in patients</td>
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<td>after carotid endarterectomy</td>
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Postoperative sustained hypotension after carotid endarterectomy: risk factors and perioperative outcome

Latorre M.¹, Mases A.¹, Sabaté S.², Díaz C.³, Vallés J.¹, Soler E.¹

Is it important to control the efficacy of antiplatelet therapy in patients with drug-eluting stents presenting for surgery?

Coupez C., Watremez C., Momeni M.

Anesthetic management for thoracoabdominal aneurysm repair performed by left heart bypass with renal and abdominal viscera selective perfusion

Vázquez Antas M., Santiago Paniagua P., Arcas Bellas J.J., Martín Piñeiro B., Stanciu O., Muñoz Alameda I.E.

Stellate ganglion radiofrequency – beyond chronic pain management

Veiga M.¹, Trejo Velasco B.², Valls Serral A.³, Asensio-Samper J.³, de Andrés J.³

GERIATRIC ANAESTHESIOLOGY
Learning Track 15

Sunday, 4 June 2017
10:15 – 11:45

The elderly hip fractured patient

Chair:
Mark Coburn (Germany)
Nicole Martins (United Kingdom)

15AP02-1
Association between preoperative transthoracic echocardiography and clinical outcomes after scheduled hip fracture surgery in geriatric patients
Lee M.-S., Kim S.-H.

15AP02-2
Hypobaric versus isobaric bupivacaine to prevent anesthesia-induced hypotension in elderly patients undergoing surgical repair of hip fracture under continuous spinal anesthesia: a prospective randomized controlled study
Bargaoui A., Raddaoui K., Oueslati M., Boussemli R., Shili A., Kaabachi O.

15AP02-3
The relationships between the stand-by time within 24 hours for hip fracture repair and postoperative agitation or early gait training: a propensity score analysis
Sakai N., Takada M.

15AP02-4
Surgical and anaesthetic consultant impact on outcomes in Hip fracture surgery
Martins N.¹, Cohen M.P.A.¹, Dart P.², Margarson M.P.²

15AP02-5
Perioperative goal-directed hemodynamic optimization using the noninvasive CNAP™ monitoring device in high-risk hip fracture patients
Acevedo Bambaren I., Pestaña D., Domínguez F.

15AP02-6
Prevention of cognitive disfunctions in patients under orthopedic surgery
Artemenko V.², Tokar I.², Vorokhta Y.²

INTENSIVE CARE MEDICINE
Learning Track 11

Sunday, 4 June 2017
10:15 – 11:45

Kidney injury

Chair:
Alexander Zarbock (Germany)*
Luisa Averdunk (Germany)
The protective role of Macrophage Migration Inhibitory Factor (MIF) in acute kidney injury after cardiac surgery
Averdunk L.1, Bernhagen J.2, Bucala R.3, Boor P.4, Djudjaj S.5, Stoppe C.1

Decreased tissue COX5B expression and mitochondrial dysfunction during sepsis-induced kidney injury in rats
Hinkelbein J.1, Böhm L.1, Braunecker S.2, Adler C.3, De Robertis E.1, Cirillo F.4

TIMP-2 and IGFBP-7 for early detection of major surgery associate acute kidney injury: a systematic review & meta-analysis
Ray B.R., Kundu R.

Risk factors for Acute Kidney Injury in a South East Asian General Surgical Intensive Care Unit
Wong W.E.J.1, Yong K.J.1, Tham Y.Y.S.1, Soh C.R.2, Lian Kah T.2, Chew T.H.S.4

Utility of novel oxidative stress biomarkers in diagnosis and prognosis of sepsis-associated acute kidney injury
Bojic S.1, Kotur-Stevuljevic J.2, Memon L.1, Toskovic B.4, Simic-Ogrizovic S.3

Nephrotoxicity in adult patients undergoing hyperthermic intraperitoneal chemotherapy and cytoreductive surgery
Etulain Santos M.J., Canal Alonso M.I., Gago Quiroga S., Cabrerizo Torrente P., Jiménez De La Fuente C., Zaballos Garcia M.

Beneficial role of hydrogen sulfide in renal ischemia reperfusion injury in rats
Lim D.G.1, Park S.H.2, Choi E.K.3

Chronobiology of sepsis. I. Relationship between sepsis course and urinary excretion of 6-sulfatoxymelatonin
Acuña Fernández C.1, Solera Marín J.1, Acuña Castroviejo D.2, Darias Delbey B.3, Nodarse Medina J.1, Rusanova I.2

PERIOPERATIVE MEDICINE
Learning Track 8

14AP06-1 The impact of prewarming on core temperature and cases of inadvertent perioperative hypothermia in oncogynecological surgery
Pasheev A.1, Sayetgaraev A.1, Muftahutdinova G.2

14AP06-2 Poor quality of recovery after neoplastic surgery according to quality of recovery 15 score
Marinho R., Carvalho B., Sousa M., Neto S., Santos A., Abelha F.

14AP06-3 Hepcidin in anemic patients with colorectal cancer. Blood levels pre and after iron carboximaltose
Vila Montañés M.1, Diaz Cambroner O.1, García Gregorio N.3, Martínez Triguero M.L.2, Errando Oyonarte C.L.1, Argente Navarro M.P.1

14AP06-4 Patient satisfaction with anesthesia for curative neoplastic surgery: the impact of quality of recovery
Carvalho B., Marinho R., Sousa M., Azevedo J., Santos A., Abelha F.

14AP06-5 Implementation of computer-assisted intraoperative goal-directed fluid therapy in major abdominal surgery: a before-after study
Coeckelenbergh S.1, Joosten A.1, Delaporte A.2, Ickx B.1, Van Obbergh L.1, Van der Linden P.2
### 14AP06

**How low do you go? An investigation of treatment thresholds for intraoperative hypotension in elderly patients in the UK**

Wickham A.¹, Highton D.², Clark S.³, Fallaha D.⁴, Martin D.⁵, on behalf of The Research & Audit Federation of Trainees (RAFT)

**Procalcitonin and C-Reactive Protein as early markers of septic complications after laparoscopic colorectal surgery within an ERAS program: a prospective observational study**

Cuquerella V., Muñoz J.L., Resalt M., Molines A., Fayos M., Pérez A.

**Diabetes mellitus and perioperative glucose control: not one, but two types of diabetes**

Hust A.H.¹, Kooij F.O.¹, DeVries J.H.², Lirk P.¹, Preckel B.¹, Hermanides J.²

**The influence of preoperative anemia on 30-day mortality and peri-operative myocardial injury among the older patients undergoing non-cardiac surgery: a retrospective cohort study**

Abdullah H.R., Sim Y.E.

### 14AP06-10

**Postoperative Nausea and Vomiting and Quality of Recovery in Surgical Cancer Patients**

Silva D.¹, Cunha P.², Braga A.¹, Azevedo J.¹, Santos A.¹, Abelha F.²

### 14AP06-11

**A focused evaluation of the incidence and current management of pre-operative anaemia in a teaching hospital**

Gwinnutt M., Chuni C., Stott M.

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**PATIENT SAFETY**

**Learning Track 14**

**Data collection and reporting in patient safety and quality**

**Poster e-Board**

### 16AP03

**Abstract Presentation Session**

**Sunday, 4 June 2017**

**10:15 – 11:45**

**Chairs:**

David Whitaker (United Kingdom)*
Carlos L. Errando (Spain)

16AP03-1

**Descriptive analysis of patient misidentification from incident report system data in academic centres**

Abraham P.¹, Augey L.², Duclos A.¹, Michel P.¹, Piriou V.¹

16AP03-2

**Institutional response to adverse events: review of critical incidents reported in Spanish critical incident reporting system (SENSAR)**

Cabrerizo P.¹, De Miguel Á.², Gago S.², Hernández J.², Chamorro E.², Galve A.I.²

16AP03-3

**Manual editing and artefacts marking of vital signs in an anesthesia information management system: a retrospective study on 193,414 anesthesia records**

Avidan A.¹, Weissman C.¹, Levin P.D.¹

16AP03-4

**National safety reporting systems in anesthesia (SENSAR). Agreement in adverse events reporting by communicators and safety system evaluators. Part 2. Relationship with latent factors, incident type, and severity**

Errando C.L., Alós L., Catalá J.C., Hernández J., Pallardó M.A., Muñoz L.

16AP03-5

**Seven years of critical incidents in critical care units: data from the national base**

Palencia M., Galve A.I., Cabrerizo P., Portas M., Lema M., Fernandez Quero L.

16AP03-6

**Spanish critical incidents in paediatric anaesthesia: seven year data from the national base**

Romera A.¹, Chamorro E.², Gago S.¹, De Miguel Á.², Galve A.I.², López-Gil M.T.¹

16AP03-7

**Critical incident in the operating theater: what implication for anaesthesia? An analysis of 155 closed claims (SHAM insurance)**

Theissen A.*¹, Fuz F.², Guerin J.-P.¹, Rouquette-Vincenti L.², Piriou V.³, de Saint Maurice G.³, CAMR (Risk Analysis and Control Committee) of the Frech Society of Anaesthesia and Intensive Care
### ACUTE PAIN MANAGEMENT

**Learning Track 9**

**Sunday, 4 June 2017**

| 08AP04-1 | Comparison of tramadol and peritonsillar bupivacaine infiltration for postoperative pain relief after tonsillectomy in children: a prospective double blind randomized controlled trial
| Ameye L., Van de Velde M., Rex S., Teunkens A. |

| 08AP04-2 | Continuous interscalene blockade in postoperative pain management in patients operated of total shoulder arthroplasty
| Acevedo Bambaren I., Dominguez F., Martín J., Pestaña D. |

| 08AP04-4 | Continuous peripheral nerve block for inpatients ischemic pain: case series
| Fernandes H., Santos S., Ashmawi H., Vieira E., Espada E., Gouvêa Á. |

| 08AP04-5 | Effect of epidural patient-controlled analgesia on the postoperative bleeding after unilateral total knee arthroplasty: a propensity score analysis
| Jin S.-J.1, Lee B.A.2, Lee K.3, Choi S.-S.1 |

| 08AP04-6 | Effect of transversus abdominis plane block on postoperative analgesia and patient comfort in patients undergoing abdominal surgery under general anesthesia
| Yuksek N.1, Isbir A.C.2, Mimaroglu C.3, Gursoy S.3, Kaygusuz K.4, Ozdemir Kol I.2 |

| 08AP04-8 | Efficiency and safety of the rectus sheath block analgesia following midline laparotomy
| Kinnunen M.1, Kokki M.1, Purdy M.2, Anttila M.3, Kokki H.4 |

| 08AP04-9 | Epidural analgesia for acute post-operative pain control – reasons for early or postponed catheter removal
| Czajkowska K., Gomes F., Oliveira S., Ferreira C., Matias F. |

| 08AP04-10 | Improvement of epidural catheter congruency to incisional dermatome using Plan-Do-Check-Act strategy at a university hospital
| Cadore Stefani L., Prates Vitória L. |

| 08AP04-11 | Intracranial subdural hematoma following epidural analgesia in obstetrics
| Martínez S.1, Comps O.1, Medrano S.2, Montes A.3 |
### General Anaesthesiology

**Learning Track 1**

**Sunday, 4 June 2017**  
**12:00 – 13:30**

#### Abstract Presentation Session

**01AP08**

**Case reports**

**Sunday, 4 June 2017**  
**12:00 – 13:30**

**Chairs:**  
Manfred Blobner (Germany)  
Joana Carreteiro (Portugal)

**01AP08-1**  
**A new look over the anesthetic approach of arthrogryposis multiplex congenita**  
Ribeiro B., Candeias M., Gordillo I.

**01AP08-2**  
**Anaesthesia for laparoscopic cholecystectomy in a patient with fabry’s disease**  
Lucci F.¹, Silvi M.B.¹, Anselmo A.², Paolantonio N.³, Storti G.³, Dauri M.¹

**01AP08-3**  
**Anesthesia for patients with PTRF mutations**  
Hirano A.¹, Takada T.¹, Busujima Y.², Takahashi H.², Suzuki T.¹

**01AP08-4**  
**Anesthesia of a patient with superior vena cava draining into left atrium**  
Altan Y.², Gundogdu G.³, Ozaydin S.³, Gemici H.³, Salihoglu Z.¹, Derbent A.¹

**01AP08-5**  
**Anesthetic management of a patient with CADASIL syndrome**  
Costa-Martins I., Carreteiro J., Carvalho P.

**01AP08-6**  
**Approaching and managing Glanzmann Thrombasthenia – a case report**  
Pelicano Paulos J., Lijnzaat L., Carneiro A., Romao C., Fragata I.

**01AP08-7**  
**Suspected intra-thoracic bleeding leads to CVC misplacement diagnosis**  
Antunes P., Santos J., Arede M.J., Nunes F., Catrê D., Assunção J.P.

**01AP08-8**  
**Takotsubo syndrome in the operating room before induction of anesthesia. A case report**  
Trabulo A., Diniz I., Corda Teixeira J., Nunes L., Pedroso V.M.

**01AP08-11**  
**Pre syndrome**  
Aljabari A.

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**01AP09**

**Nociception/antinociception, pain**

**Sunday, 4 June 2017**  
**12:00 – 13:30**

**Chairs:**  
Georg Baumgarten (Germany)  
Pierre-André Stöckle (Canada)

**01AP09-1**  
**Does apnea affects the reliability of Analgesia Nociception Index (ANI), as a monitor of noicception?**  
Bouzit Z., Grati A.H., Dhonneur G.F.

**01AP09-3**  
**Surgical Pleth Index and Analgesia Nociception Index for intraoperative analgesia in patients undergoing neurosurgical spinal procedures, a comparative study**  
Dostalova V., Schreiberova J., Dopitova P., Dostal P.

**01AP09-4**  
**Intraoperative use of low-dose naloxone decreases postoperative hyperalgesia induced by remifentanil: a randomised controlled trial**  

**01AP09-5**  
**Comparison of qNOX, pupil size and remifentanil concentration for the prediction of movement response to noxious stimulation during general anesthesia**  
Capsi P.¹, González C.¹, Jensen E.W.¹, Pacheco A.², Agustí M.², Gambús P.L.²
Impact of different remifentanil doses on the Nociception Level (NOL) index response to intra-operative noxious stimuli
Stockle P.-A.*, Renaud-Roy E., Maximos S., Verdonck O., Fortier L.-P., Richebé P.

A comparison of pretreatment with palonosetron, pheniramine and lignocaine preceded by venous occlusion for reducing pain on injection of propofol: a prospective, randomized, double-blind, placebo-controlled study in adult Indian surgical patients
Jain A., Solanki S.L., Bala I., Wig J.

The transient receptor potential vanilloid subfamily 1 is involved in abdominal hyperalgesia in a mouse model of lipopolysaccharide-induced peritonitis and influences the immune response
Sugiyama Y., Yoshiyama Y., Kiyosawa K., Tanaka S., Kawamata M.

Balanced anaesthesia and a standard 15 mmhg pneumoperitoneum is compared with a 3 liter volume AirSeal pneumoperitoneum and an anti-inflammatory opioid free anaesthesia
Mulier J.P., Dillemans B.

Adjuncts of local anaesthetics

Effect of the addition of dexamethasone on the effectiveness and duration of the sciatic-popliteal block with ropivacaine for Hallux surgery
Gomez Martin A., Gutierrez Gonzalez C., Garcia Gonzalez N., Noguerol del Cid C., Alvarez Arias C., Posada Mesa L.

The analgesic efficacy of dexamethasone as a perineural adjunct for peripheral nerve block versus systematic administration: a systematic review and meta-analysis
Albrecht E., Kirkham K.

The effect of caudal or intravenous dexmedetomidine on postoperative analgesia produced by caudal bupivacaine in children. A randomized controlled double blinded study
Alja'bari A., Alzaben K., Qudisat I.

Dexamethasone as an adjuvant to local anesthetic in ultrasound-guided thoracic wall block for breast cancer surgery. A report of 2 cases
Ferrieri A., Marrone A., Bajocco C., D'Ettoerre M., Petrini F., Maggiore S.M.

Comparison of Dexamethazone 8mg with Diclophenac 75mg to prevent headaches after spinal anaesthesia
Gani H., Naco M., Shpata V., Ohri I., Kerci M., Sula H.

Caesarean section (per & post-op.)

Chairs:
Sarah Devroe (Belgium)
Talitha Mirja de Vries (United Kingdom)
Effect of different preload crystalloid volumes on the incidence of intraoperative nausea and vomiting in women undergone cesarean section under spinal anesthesia
Shifman E., Pogodin A., Tikhova G., Kulikov A.

Comparison of efficacy and safety of two doses of intrathecal Clonidine with hyperbaric Bupivacaine in lower segment cesarean section
Kumar S., Pogodin A., Tikhova G., Kulikov A.

Use of the Totaltrack™ in unexpected difficult airway in urgent caesarean section
Gómez-Ríos M., Freire-Vila E., Martínez-Hurtado E.

Visual Analog Scale as an estimate of pain intensity and salivary a-amilase level has non-linear relationship in parturients after cesarean section under spinal anesthesia
Shifman E., Dektyarev E., Tikhova G., Kulikov A.

Postoperative analgesia for cesarean deliveries during CSE: technical maintenance compared
Aversano M., Claroni C., Valenti F., Todde C., Frigo M.G.

Intrathecal clonidine improves chronic pain after cesarean section, but with fetal repercussions
Fernandes H., Santos S., Ashmawi H.

A mother and her baby are victims of rocuronium
Ibrahim E., Youssef H.

Improving hypoglycaemic control in women awaiting elective Caesarean sections
de Vries T.M., Tamhane P.

Variation of pulmonary shunt at different levels of positive end-expiratory pressure in patients undergoing one-lung ventilation
Savino S., Fogagnolo A., Fanni A., Karbing D.S., Rees S.E., Volta C.A.

Role of thoracic epidural anaesthesia in patients with low functional respiratory reserve during surgery for pneumothorax in the postoperative rehabilitation
Gritsan A., Mitsukov D., Ishutin V., Novokreshchennykh V., Schnaider V., Nosova L.

Role of cytokine release during lung resection surgery and postoperative complications
Casanova Barea J., González M F., Garutti I., Blas M., Sastre I.

Factors associated with postoperative oxygenation impairment after surgical lung biopsy in patients with interstitial pneumonia: a single center retrospective case control study
Yamamoto N., Anzai A., Takaki S., Gamo M., Goto T.

Pulmonary inflammatory response modulation by esmolol in a one-lung ventilation experimental model during lung resection surgery
Ramos S., Garutti I., Chamorro E., Rancan L., Vara E., Simón C.

Choice of ventilation by video-assisted thoracoscopic surgery by thymectomy
Zhikharev V., Malyshev Yu.P., Baykova E.E.

Tracheal resection in the patient with consequences of severe chest and head trauma – the role of dexmedetomidine
Panafidina V., Kovalev M., Cherniy S., Rusanov A.
The oxygenation during one lung ventilation for patients with previous lung resection is affected by the previous surgical side
Tomita A., Toyota K., Kosobe K., Yamashita S.

RESPIRATION AND AIRWAY MANAGEMENT
Learning Track 13

AP 11AP04 Abstract Presentation Session Sunday, 4 June 2017 12:00 – 13:30 Videolaryngoscopy - uses and limitations Poster e-Board 6

Chairs:
Friedrich Pühringer (Germany)*
Eleni Papaioannou (Greece)

11AP04-1

Resurgence of blind nasal intubation with videolaryngoscopy as a guide for head maneuvers in the course of nasotracheal intubation in panfacial fracture patients with severely restricted mouth opening
Kumar K., Singh P.M.

11AP04-2

Stereoscopic laryngoscope with 3D video headset: technical feasibility
Dingley J., Williams D.

11AP04-3

The effects of endotracheal intubation via Mc-Grath Videolaryngoscope on intraocular pressure
Ozkan A.S.1, Akbas S.2, Polat N.2, Yalın M.R.1

11AP04-4

Video laryngoscopes (VL) versus fiberoptic bronchoscopy (FB) as a tool for orotracheal intubation. Systematic review, meta-analysis and trial sequential analysis
Gómez-Ríos M.A.1, Martínez Hurtado E.1, Casans Francés R.1, Ripollés Melchor J.2, Abad Gurumeta A.1, Calvo Vecino J.M.1

11AP04-5

Advantages of using a software to calculate forces applied on soft airway tissues during videolaryngoscopy
Juanola Galceran A.1, Callicó Ros F.2, Julian S.2, Molins G.1, Cao López L.1, Rodiera Olivé J.1

11AP04-6

Comparison of effects of direct laryngoscopic and fiberoptic oral endotracheal intubation on intraocular pressure
Yıldırım S.1, Ozkan A.S.1, Akbas S.2, Polat N.2, Mutlu K.2, Durmus M.1

11AP04-7

Comparison of video-laryngoscope and conventional Macintosh laryngoscope for simulated emergency tracheal intubation by pre-hospital emergency care providers with copious vomiting or bleeding in oral cavity
Suzuki K.1, Kusunoki S.2, Sadamori T.1, Tanabe Y.1, Itai J.1, Shime N.1

11AP04-8

Laryngeal morbidity and intubating condition using a McGrath MAC® video laryngoscope with or without neuromuscular blockade: a prospective, randomised, double-blind, non-inferiority trial
Nakanishi T., Toriumi T., Sakamoto S., Yoshimura M.

11AP04-9

Evaluation of videolaryngoscope use outside the operating room
Bartzi K.1, Papaioannou E.1, Melissopoulou T.1, Schiza C.1, Tsinaris K.1, Lambadariou A.1

INTENSIVE CARE MEDICINE
Learning Track 11

AP 13AP07 Abstract Presentation Session Sunday, 4 June 2017 12:00 – 13:30 The heart, fluids, PEEP and monitoring Poster e-Board 7

Chairs:
Davide Chiumello (Italy)
Giulia Salve (Italy)
| 13AP07-1 | Accuracy of pleth variability index compared with inferior vena cava diameter to predict fluid responsiveness in mechanically ventilated patients  
Pişkin Ý.¹, öz İ.I.² |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13AP07-2 | The effect of albumin and crystalloids administration on global end-diastolic volume – Prospective comparative study  
Owada G.¹, Takaki S.², Mihara T.², Hamada T.², Yamaguchi O.², Goto T.² |
| 13AP07-3 | Relative value of pressures and volumes in assessing fluid responsiveness in children: the role of systolic cardiac function  
Jacquet-Lagrèze M.¹, Tiberghien N.², Hanna N.², Javouhey E.², Fellahi J.-L.² |
| 13AP07-4 | Impaired autophagosome clearance contributes to neuronal death after ischemia/reperfusion injury triggered by cardiac arrest in neonatal piglets  
Cui D.¹, Zhang X.¹, Jiang W.¹, Ewa K.², Ramond C. K.² |
| 13AP07-5 | The systolic and diastolic function of left ventricle after applying PEEP. A transesophageal echo study  
Margaritis A.¹, Patsouras D.², Bolosi M.², Ygropoulou O.¹, Rizos D.¹, Papadopoulos G.³ |
| 13AP07-6 | Transoesophageal echocardiographic evaluation of positioning of central venous catheter determined by Peres' formula and radiologic landmark based technique  
Kim I.S. |
| 13AP07-7 | Heart-lung transplantation: review of last eleven patients performed at Hospital Puerta de Hierro  
| 13AP07-8 | Impact of fluid balance on mortality of patients treated with veno-arterial extra corporeal membrane oxygenation  
Besnier E.¹, Bouchee S.², Gay A.², Doguet F.², Veber B.³, Dureuil B.¹ |
| 13AP07-9 | Diastolic dysfunction in intensive care unit: a pilot study in the general intensive care unit of l’aquila - Italy  
Biancofiore V.¹, Salve G.¹, Ciccozzi A.¹, Angeletti P.M.², Prof. Marinangeli F.¹, Zugaro A.² |

**NEUROANAESTHESIOLOGY**

**Learning Track 6**

**06AP05-1** An unreported life-threatening vaso-respiratory disturbance during endovascular embolisation of vein of Galen malformation - a case report  
Krishnan P., Herod J., Rennie A.

**06AP05-2** Assessment methodology of brain functional status in the perioperative period in subarachnoid and parenchymal hemorrhage patients  
Cherniy V.¹, Gorodnik G.¹, Smirnova N.¹, Andronova I.², Gerasimenko A.¹, Group

**06AP05-3** Awake craniotomy - the anaesthesiologist’s view  
Mladić Batinica I.¹, Rotim K.¹, Sajko T.², Zmajčević Schonwald M.³, Salkićević S.³

**06AP05-4** Can we predict patient’s panic attack during awake craniotomy?  
Kamata K.¹, Hasegawa H.¹, Uchiide Y.¹, Maruyama T.¹, Muragaki Y.¹, Ozaki M.¹

**06AP05-5** Drug-induced sleep endoscopy (DISE) – diagnostic tool used for adjustment of vagus nerve stimulator (VNS) settings  
Caldeira A., Orvalho C.
06AP05-6 Effect of different anesthesia regimens on microelectrode recordings of the anterior nucleus of the thalamus during deep brain stimulation surgery for epilepsy patients

06AP05-7 General anesthesia in DBS for Parkinson’s disease. Retrospective single center study
García Claudio N., Ferrandis Comes R., Argente Navarro M.P., Gutiérrez Martín A., Jiménez I.

06AP05-8 How does propofol affect sensory processing? Single-unit and intracerebral EEG recording in humans shows disruption of cortical-cortical connectivity
Krom A.J., Marmelshtein A., Hayat D., Strauss I., Nir Y.

06AP05-9 Propofol-dexmedetomidine versus propofol-remifentanil conscious sedation for awake craniotomy during epilepsy surgery
Ibrahim E., Elbakry A.A.

06AP05-10 Speech brain mapping by direct cortical stimulation during the awake craniotomy and possible increase in sympathetic activity: a case report
Mladić Batinica I., Zmajević Schonwald M., Rotim K., Sajko T., Salkićević S.

06AP05-11 The research of EEG predictors of neuroglial and neurotransmitter activity, the features of the restructuring of the brain intracentral relations in patients with severe head injury in patients
Cherniy V., Gorodnik G., Andronova I., Cherniy T., Nazarenko K.

06AP05-12 The study of EEG predictors in patients with acute cerebral insufficiency, complications of vegetative state
Cherniy V., Irina A., Gorodnik G., Cherniy T., Nazarenko K.

PATIENT SAFETY
Learning Track 14

16AP04-1 Satisfaction of the patients after the implementation of the eras protocol in the Guadalajara University Hospital (Spain)
Cabellos Olivares M., Labalde Martínez M., Martinez-Meco Ortiz L.M., Atanc Martínez J.C., Rodríguez Fraile J.R., Ramia Ángel J.M.

16AP04-2 Screening future employees for emotional intelligence as a crucial step towards improved perioperative efficiency and patient safety
Luedi M., Stueber F.

16AP04-3 Surgical Apgar score - an underrated key-tool to enhance post-surgical care?
Fonseca R., Bento S., Gonçalves D., Valente E.

16AP04-4 Theatre safety culture and perioperative staff feedback
Hill M., Patmore C., Olley L.

16AP04-5 Who’s who in the operating theatre team: identification and patient safety
Wainwright K., Chatham-Zvelebil N., Daubeny T.

16AP04-6 An operating room fire on a patient – prevention and management
Saura C., Oliveira C., Susano M.J., Antunes P., Xambre F.

16AP04-7 High performance teams building: development of a new tool in patient safety
Lema Tome M., Ginel Feito M.D., de Miguel Guijarro Á., Chamorro García E., Galve Marqués A.L., Garrido Sanchez A.
16AP04-8  Central venous catheter guidewire salvage technique to prevent a never event
Mariyaselvam M.1, Richardson J.2, Sawyer A.2, Young P.*2

16AP04-9  Surgeons' efficiency and surgical resource utilization in the operating rooms
Nakata Y.1, Watanabe Y.2, Narimatsu H.3, Yoshimura T.4, Otake H.5, Sawa T.6

16AP04-10 Comparison between forced air and intravenous fluid Warmer in gynecologic laparoscopic surgery: an interim analysis
Boayam W., Vichitvejpaisal P., Suton P., Tapala S.

CHRONIC PAIN AND PALLIATIVE MEDICINE
Learning Track 10

Sunday, 4 June 2017
12:00 – 13:30
Pain: experimental and basic science studies

Chairs:
Patricia Lavand’homme (Belgium)
Tony Gin (Hong Kong)

09AP03-2 Fatty acid amide hydrolase inhibitor relieves chronic pain-induced depressive-like behaviors independent of its anti-nociceptive effects in rats: involvement of hippocampal neurogenesis
Jiang H., Zhou C., Liu J.

09AP03-3 Gene expression profile of spinal cord and dorsal root ganglion in rat model of cisplatin-induced peripheral neuropathic pain
Yoon M.H.1, Park K.S.2, Choi J.I.2, Lee H.G.3, Kim Y.O.3

09AP03-4 Hypnotic glove analgesia: effects of hypnosis on skin temperature measured by infrared thermography
Paqueron X.*, Musellec H.2, Virot C.3, Boselli E.4

09AP03-5 Ivabradine inhibits LPS-stimulated inflammatory cytokine production via hyperpolarization-activated cyclic-nucleotide-gated channels in the mouse macrophage-like cell line Raw264.7
Miyake S.1, Honda-Wakasugi Y.1, Yabuki-Kawase A.2, Higuchi H.3, Maeda S.3, Miyawaki T.1

09AP03-6 Microarray analysis of microRNA and mRNA expression profiles in the rat spinal cord under inflammatory pain
Tan P.-H., Liu C.C.

09AP03-7 Potential treatment of chronic pain by uncoupling sortilin-proBDNF interaction
Gin T., Ho I., Liu X., Wu W., Chan M.

09AP03-8 Pregabalin inhibition of the excitatory transmission in the nociceptive amygdala of the mice with inflammatory pain
Yamamoto S.1, Takahashi Y.2, Kato F.2

09AP03-10 Study in the sodium hyaluronate attenuating the functional recovery and thermal hyperalgesia by altering expressions of inflammation and collagen fibers in the osteoarthritis rats
Han J.-H., Jang M.-S., Chung J.-Y., Yi J.-W., Oh I.-D.

09AP03-11 Tapentadol inhibits spontaneous and miniature excitatory postsynaptic currents in rat hippocampal slices
Lin T.Y., Lu C.W., Wang S.J.

09AP03-12 Wide-spread sensitization in inflammatory pain model is regulated by neuronal activities in the amygdala
Sugimoto M., Takahashi Y., Sugimura Y., Miyazawa Y., Watabe A., Kato F.
01AP10 - Monitoring, closed loop

Chairs:
Jan Hendrickx (Belgium)
David John Williams (United Kingdom)

01AP10-1

Real-time measurement of Xenon in a binary gas mixture using ultrasound time-of-flight: a feasibility study

Williams D.J.*, Hallewell G.1, Chakkarapani E.1, Dingley J.4

01AP10-2

Sevoflurane consumption using automatic gas control versus manual gas control with Flow-I: comparative consumption in 200 patients

De Rydt F., Goossens J., Allaert S., Kalmar A.

01AP10-3

Consumption and intraoperative maniability of desflurane. a randomized trial comparing manual-assisted (Perseus® A 500 - Dräger) and automated control (Aisys® Cs2 - GE) of end-tidal concentrations

Gutton C.*1, Bonnot B.1, Begneu E.1, Schroedt J.2, Alberti C.3, Beaussier M.1

01AP10-4

Validity of predicting intraoperative hypotension with machine-learning and pulse wave analysis of the noninvasive continuous blood pressure signal

Wijnberge M.*1, Emal D.1, Lee C.2, Janssen J.J.2, Geerts B.F.1, Veelo D.P.1

01AP10-5

Fully automated anesthesia, analgesia and fluid management using physiologic closed-loop systems in high risk patients: a pilot study

Jame V.1, Joosten A.1, Van Obbergh L.1, Cannesson M.2, Barvais L.1

01AP10-7

Low flow anesthesia using “equilibration time” and three different volatile inhalational agents- desflurane, sevoflurane and isoflurane-a randomized prospective clinical study

Patel V.

01AP10-8

Crystalloid vs colloid for intraoperative resuscitation using a closed-loop system for unbiased treatment: a randomized double blinded controlled trial

Delaporte A.1, Joosten A.1, Ickx B.1, Van Obbergh L.1, Cannesson M.2, Van der Linden P.1

01AP10-9

NT-proBNP as a marker of intraoperative fluid balance

Kamnev S.1, Malakhova A.1, Kopycheva N.2, Noskova K.2, Subbotin V.1

01AP11 - Complications, outcome

Chairs:
Radmilo Jankovic (Serbia)
Inmaculada Hernández (Spain)

01AP11-1

The total intravenous anesthesia with sufentanil induces the similar incidence of postoperative shivering compared with remifentanil. A prospective, double-blinded, randomized control study

Jung K.T., Kim S.H., Kim D.J., So K.Y.

01AP11-2

The impact of the use of general anesthesia on the results of endoscopic transpapillary interventions

Kuchynska I.1, Dronov O.2, Nastashenko I.2, Khynich H.3, Khrisanfo D.3

01AP11-3

Combining ADL status and ASA III classification to predict postoperative outcomes after major surgery (PROFS study NCT02626546)

Bertilsson M.1, Bartha E.2, Kalman K.2, PROFS Study Group
Enhanced recovery after colorectal surgery implementation in the University Hospital of Guadalajara (Spain)
Cabellos Olivares M.1, Labalde Martínez M.2, Martínez-Meco Ortiz L.M.1, Atance Martínez J.C.3, Ramia Angel J.M.2, Rodríguez Fraile J.R.1

Network meta-analysis to compare outcomes from multiple studies. Synthesizing evidence from randomized controlled intubation trials as an example
Fallah L.4, Uwimpuhwe G.2, Vanlinhout L.3, Hens N.2, Van de Velde M.1, Booij L.1

Gender differences in Bispectral Index monitoring for reduction of postoperative nausea and vomiting

Predictors of postoperative complications in patients submitted to laparoscopic gastric bypass surgery in a Portuguese tertiary hospital
Miguel D.1, Ramos P.1, Pereira A.C.1, Ferreira C.1, Oliveira J.2, Aguilar J.G.1

Relationship of the cigarette smoking habit and the carbonmonoxide concentration in the expirium with the perioperative respiratory complications during laparoscopic cholecystectomy
Ozgunay S.E.1, Karasu D.1, Dulger S.2, Yilmaz C.1, Tabur Z.1

Effect of total intravenous anesthesia and prophylactic 5-HT3 receptor antagonist on postoperative nausea and vomiting after gynecologic laparoscopic surgery: a prospective, randomized controlled study
Oh B.J., Jung J.-W.

The impact of high-sensitive troponin levels during liver transplantation on postoperative course: preliminary results
Vilchez Monge A.L., Hernández I., Garutti I., Olmedilla L., Jimenez de la Fuente C., Perez-Peña J.M.

Prediction of postoperative nausea vomiting, using Japanese traditional Kampo medicine, "Water Stagnation Score"
Kasuya Y.1, Frui I.5, Fukushima R.1, Kume K.2, Ozaki M.1

REGIONAL ANAESTHESIA
Learning Track 3

Truncal blocks

Sunday, 4 June 2017
13:45 – 15:15
Poster e-Board 3

Chairs:
Cedric Luyet (Switzerland)*
Nuria Garcia Gregorio (Spain)

Thoracic paravertebral block assessed with computed tomography Cone Beam 3D. Part one: different patterns of diffusion
García Gregorio N.1, Díaz Cambronero O.1, Alberola Estelles M.J.1, Marques Gonzalez A.1, Errando Oyonarte C.2, Argente Navarro P.1

Thoracic paravertebral block assessed with 3D Cone Beam computed tomography. Part two: clinical effectiveness for transarterial liver chemoembolization
García Gregorio N.1, Díaz Cambronero O.1, Vila Montañes M.1, Marques Gonzalez A.1, Errando Oyonarte C.2, Argente Navarro P.1

Measurement of local anesthetic volume spread in epidural space during paravertebral block
Atallah F.1, Clauzet E.1, Lieutaud S.1, Jaffro M.2, Mazerolles M.1

Influence on a haemodinamic the paravertebral blockade at the open radical cistectomy
Kananchuk S., Ilukeyich G.V.
03AP05-6 Erector spinae plane block: a new regional analgesic option for thoracoscopy
Vicente Fernandez P.1, Pereira F.1, Morales Sarabia J.1, Biosca Perez E.1, Gomez Diago L.1, Hernandez Cadiz M.J.1

03AP05-8 Analgesic effectiveness of modified continuous transversus abdominis plane block with low dose of local anesthetic continuous infusion in closure loop stoma in accordance with ERAS pathway
Cholvisudhi P., Morarach P.

03AP05-9 The ropivacaine concentration required for ultrasound-guided rectus sheath block in pediatric patients undergoing laparoscopic inguinal hernia repair surgery
Tachi K.1, Inomata S.2, Tokuwaka J.1, Oosaka Y.2, Tanaka M.2

03AP05-11 Ultrasound-guided continuous thoracic paravertebral block in a pediatric patient with severe scoliosis for nephrectomy surgery
Ibrahim M.1, Thompson M.2

OBSTETRIC ANAESTHESIOLOGY
Learning Track 4

04AP06-1 Epidural blood patch for post dural puncture headache in a parturient with multiple sclerosis
Kovacs M., Ravindran M.

04AP06-2 Langerhans cell histiocytosis in pregnancy, a case series
Coleman E., Horan R., Bowen M.

04AP06-3 Anesthesia for in utero repair of myelomeningocele: the Brazilian experience
Fernandes H., Santos S., Nani F., Haddad C.

04AP06-5 Tiny patient, bigger troubles!
Kalamkar Y., Mehta V., Sundara Rajan R.

04AP06-6 Underestimation of gas embolism during hysteroscopic surgery? How to recognise symptoms and reduce fatalities. Presentation of three cases
Storm B.1, Andreasen S.2, Hovland A.W.1, Nielsen E.W.1

04AP06-7 The effect of preoperative anxiety with depth of anesthesia during oocyte retrieval on IVF success
Hekimoglu Sahin S.1, Copuroglu E.1, Yamak E.2, Sut N.3, Karamanlioglu B.1, Elter K.4

04AP06-8 Ex utero intrapartum treatment (EXIT): a challenge for anaesthesiology
Tébar Cuesta M.I., Zurera Plaza N., Ruiz Escobar A., Zarzuela Nuñez E., Pérez-Cerdá Silvestre F.

04AP06-9 Ecologic monitoring of volatile organic compounds in operation room during sevoflurane anaesthesia for oocyte retrieval
Potievskaya V.1, Ushakov I.1

04AP06-10 Congenital lamellar ichthyosis, severe pre-eclampsia, emergency C-section: a challenging triad for an anaesthetist!
Shihurkar R.

04AP06-11 Epidural blood patching under fluoroscopic guidance for the treatment of post dural puncture headache versus conventional method
Katary A.1, Elsaudi E.2, Ahmed D.3, Elkhateeb S.3
Haemodynamic and vascular anaesthesiology

Chairs:
Bernd Böttiger (Germany)*
Takeshi Omae (Japan)

07AP08-1
Is Invasive pressure monitoring more reliable than non-invasive in patients with cardiovascular pathology? – A case report
Fernandes A., Coimbra L., Delgado I., Carvalho J., Bentes C.

07AP08-2
Reliability of haemodynamic monitoring using arterial waveform analysis in major peripheral vascular surgery
Lauretta M.P., Courtois N., Illingworth J., Gautama S., Sidhu V., Platt M.

07AP08-4
Can statin decrease postoperative atrial fibrillation?
Omae T.

07AP08-5
EEG monitoring during endovascular treatment for carotid obstruction: a case report

07AP08-6
Anesthetic management of aortic-bicarotid double bypass graft. A case report

07AP08-7
Anaesthesia for renal autotransplantion and ex vivo renal artery aneurysm repair - a case report
Fernandes A., Ferreira E., Carrapatoso I., Oliveira C.

07AP08-8
Regional cerebral oxygen saturation is a useful predictive factor of postoperative cerebral infarction in acute dissection of aorta involving the aortic arch
Kosobe K., Toyota K., Tomita A., Yamashita S.

07AP08-9
A case of undiagnosed GI bleed discovered after the endovascular repair of an infrarenal aortic aneurysm
Teodora N., Roberts P.

07AP08-10
Impact of hemodilution using hydroxyethyl starch 130/0.42 on whole blood viscosity and tissue oxygen delivery
Kim T.-Y., Kim K., Choi D.-K., Oh E., Yon J.

RESPIRATION AND AIRWAY MANAGEMENT

Anaesthetic challenges in ENT & thoracic surgery

Chairs:
Christian Putensen (Germany)
Ross Hofmeyr (South Africa)

11AP05-1
Pitfalls during anesthesia for thyroidectomy of massive goiter
Belitova M., Marinov T.

11AP05-2
Protocol of cuff leak test in thyroid surgery
Paulo L., Silva E., Lima G., Costa G.
Respiratory distress after total thyroidectomy
Teixeira J.C., Aquino E., Trabulo A., Pedroso V.M., Nunes L.

Thoracoscopic esophagectomy in the prone position with single-lumen endotracheal tube with artificial pneumothorax. Preliminary results
Ayas B.1, Diaz Cambronero O.1, García Gregorio N.1, Vila Montañés M.1, Argente Navarro P.1, Errando Oyonarte C.2

Tracheobronchial injury after rigid bronchoscopy – A rare but possibly catastrophic complication
Matias B.1, Conde P.2

Lung separation via elective tracheostomy
Suero O., Powell F., Canelli R.

Does endoscopic sinus surgery under general anaesthesia increase obstructive sleep apnoea syndrome-related respiratory complications during the early post-operative period in patients with suspected OSAS?
Haschilowicz T.1, Takeda M.3, Mori E.2, Murakami Y.1, Utsumi I.1, Omı S.1

Impact of anesthetic technique in endobronchial ultrasound bronchoscopy: patient and operator satisfaction
Flintras D.1, Gioni P.1, Emmanouil P.2, Koufos N.2, Stratakos G.2, Dragini G.1

Initial assessment and development of anaesthesia techniques for use of a novel, non-occlusive tracheal dilatation balloon allowing continuous oxygenation and ventilation
Hofmeyr R.1, McGuire J.2, Park K.3, Proxenos M.3, Marwick P.4, Lubbe D.2

Lidocaine 5% spray instillation for post-extubation laryngeal spasm management following minor ENT procedures
Papaloannou E., Bartzi K., Bakalaki V., Kavezou F., Tsinari K., Lambadariou A.

## INTENSIVE CARE MEDICINE
### Learning Track 11

**The brain in ICU**

**Chairs:**
Ricard Valero (Spain)
Martin Dworschak (Austria)

13AP08-2
A novel approach to treatment of haemorrhagic cerebral vascular accidents
Godeanu S.C.1, Stanciulescu E.L.1, Popescu M.2, Grintescu I.M.1

13AP08-3
Feasibility of administering 50% xenon economically for 72 hours in neonates using an ambient pressure automated delivery system and closed breathing circuit
Dingley J.1, Thoresen M.2, Lee-Kelland R.3, Liu X.2, Okano S.2, Chakkarapani E.2

13AP08-4
Use of prothrombin complex concentrates (PCC) for rapid reversal in neurosurgical patients with oral anticoagulant related intracranial haemorrhage in a government restructured hospital: a retrospective study
Foo C.W.1, Wong Y.L.1, Cao K.T.T.S.1, Wong H.2, Lim Z.S.3

13AP08-5
Neurological outcome of survivors of out of hospital cardiac arrest treated in the cardiothoracic intensive care unit in a London Major Teaching Hospital
Dumont M.W.1, Moore M.1, Crerar-Gilbert A.3

13AP08-7
Outcomes of intensive treatment of patients in deep coma
Konareva T., Malychev Y.P., Baykova E.E.

13AP08-8
The priorities of early tracheotomy in patients with severe traumatic brain injury, in prolonged mechanical ventilation
Kerci M.1, Bajfuz N.1, Muzha D.1, Sulaj E.3, Ohri I.1, Kurti B.3
Massive intracerebral hemorrhage escaped detection by cerebral oximetry
Felli A., Skhirtladze-Dworschak K., Opfermann P., Dworschak M.

Use clinical pulmonary infection tests for definition of ventilator associated pneumonia in comatose ill neurosurgical patients
Sagimbayev A., Mustafin A., Mustafin A.

Diabetes insipidus in neuro-intensive care unit: clinical, etiological and assistance aspects
Naili A., Triki H., Bouderra S.

PERIOPERATIVE MEDICINE
Learning Track 8

14AP07
Sunday, 4 June 2017
13:45 – 15:15
Poster e-Board

Perioperative outcome 4

14AP07-1
Randomized clinical trial comparing two patterns of intravenous iron in the postoperative period in colon cancer surgery
Laso M.1, Caló N.2, Martínez F.2, Carol F.2, Valle A.2, Vives R.3

14AP07-2
The impact of perioperative anaemia on length of hospital stay in patients undergoing hemicolecotomy surgery
Wellstead G., Chequer S.

14AP07-3
Quality improvement study: implementation of perioperative goal directed therapy for major abdominal surgery in a Dutch general hospital
Godfried M.B.1, van Rooijen T.1, van Vliet M.1, Karsten T.M.2, Thiel B.1, Geerts B.3

14AP07-4
Analysis of anastomosis leakage and renal failure in post-colorectal laparostomy surgery on ASA III/IV patients
Gomez Martin A.1, García González N.2, Gutiérrez González C.2, Noguerol del Cid C.2, Falcon Suarez O.2, Garcia Flórez L.J.3

14AP07-5
Early use of antibacterial drugs is not association with perioperative catecholamine use in intestinal perforation patient: propensity score matched analysis
Momoyo M.1, Toshiyuki H.1, Yukiko T.1, Mihara T.2

14AP07-6
Evolution of fast-track in bariatric surgery
Gomez Diago L.1, Hernández-Cádiz M.J.1, Bruna M.2, Navarro C.2, Vicente-Fernández P.1, De Andrés J.1

14AP07-7
Obstructive sleep apnea increases the odds for perioperative complications in patients undergoing hysterectomy
Mörwald E.E.1, Zubizarreta N.2, Cozowicz C.1, Poeran J.2, Mazumdar M.2, Memtsoudis S.G.1

14AP07-8
Atrial fibrillation after orthotopic liver transplantation: incidence and risk factors
González Cibrián C.C., Fernandez Martin C., Martin Grande A., Parise Roux D., Gajate Martin L., Prada de las Heras B.

14AP07-9
Participation rates and gender differences in enrolling patients for a randomized clinical trial evaluating the effect of audiovisual aids on perioperative stress response, pain and overall experience
Mörwald E.E., Cozowicz C., Lee K.L., Memtsoudis S.G.

14AP07-10
Hypoalbuminemia as an independent predictor of acute renal injury after liver transplantation
Ramirez Gonzalez M., Gomez Rojo M., Gajate Martin L., Villahoz Martinez J., Cerro Zaballos C.
## PATIENT SAFETY
**Learning Track 14**

### 16AP05 Abstract
**Sunday, 4 June 2017 13:45 – 15:15**  
**Medication safety**

**Chairs:**  
Andrew Smith (United Kingdom)  
Lena Koers (Netherlands)

- **16AP05-1**  
  Medication critical incidents reported by SENSAR (Spanish critical incident reporting system) from 2009 to 2016  
  Galve A.I., Hernández I., Ginel M.D., Portas M., Garrido A., Cabrerozo P.

- **16AP05-2**  
  Preoperative benzodiazepine premedication critical incidents in a tertiary university hospital  
  Portas González M.1, de Miguel Guijarro Á.1, Romera Rabasa A.2, Ginel Feito M.D.2, Palencia Jorge M.2, Gago Quiroga S.2

- **16AP05-4**  
  Accidental administration of ketamine in the gastrointestinal mucosa  
  Kollmann Camaiora A., Tapia B., Alinsa E., Gilsanz F.

- **16AP05-6**  
  Dexmedetomidine and post operative narcotic requirements in bariatric surgery  
  Ranganathan P., Ellison M., Ritchie M., Sizemore D., Attaallaah A.

- **16AP05-7**  
  Introduction of a nationwide standardised drug label for high-risk anaesthetic drugs  
  Koers L.1, Kooij F.1, Over L.1, Wolff A.1, Preckel B.1

- **16AP05-8**  
  The long-term efficacy and safety of rocuronium and sugammadex in patients undergoing renal transplantation  
  Ono Y., Fujita Y., Akahori T., Hashimoto A., Sato Y., Fujiwara Y.

## CRITICAL EMERGENCY MEDICINE - TRAUMA AND RESUSCITATION
**Learning Track 12**

### 10AP03 Abstract
**Sunday, 4 June 2017 13:45 – 15:15**  
**Critical emergency medicine - miscellaneous**

**Chairs:**  
Ayten Saracoglu (Turkey)  
Ignacio Hinojal Blanco (Spain)

- **10AP03-1**  
  Anesthesia and critical care at sea? Spanish medical experience on board in the Indian Ocean (July-October 2015)  
  Navarro-Suay R.1, Tamburri-Bariain R.2, López-Soberón E.1, Castillejo-Pérez S.1, Hernández-Abadía de Barbará A.1, García-Aroca M.A.1

- **10AP03-2**  
  Spontaneous hepatic rupture after revascularization during liver transplantation  
  Albajar Bobes A., López M., Casado M., Abdallah N., Azcoitia J., García J.

- **10AP03-3**  
  The use of hydroxyethyl starch130/0.4 in major burns: a retrospective study  
  Guilabert P., Usúa G., Abarca L., Martín N., Salazar K., Sharp A.

- **10AP03-4**  
  Validation of a delocalized measurement method of lactate for septic patients  
  Jouffroy R.1, Leguillier T.2, Boisson M.2, Nivet Antoine V.2, Beaudieux J.2, Benoit V.1

- **10AP03-5**  
  Body temperature retrieved/collected during the SAMU regulation call: a link with ICU admission of severe septic patients  
  Jouffroy R., Durand S., Pascal P., Michaloux M., Carli P., Vivien B.
Massive cerebral air embolism after retrograde endoscopic cholangiopancreatograpy (ERCP)
Hinojal Blanco I., Batalla A., Bainac Albadalejo A., Parrilla Quiles L., Moral García V.

Scoring systems for mortality in patients with intestinal perforation
Tsuuchi Y., Hijikata T., Miyazaki M., Mihara T.

Development and validation of scoring systems for the risk of cerebral infarction
Hijikata T., Ito T., Nishizaka M., Mihara T.

Pediatric Contacts to a Danish Emergency Medical Dispatch Center: what can we learn about pediatric emergencies?
Andersen K., Mikkelsen S., Jørgensen G., Zwisler S.

**GENERAL ANAESTHESIOLOGY**
Learning Track 1

**01AP12**
Pre-operative assessment, logistics, planning
Sunday, 4 June 2017
15:30 – 17:00

**01AP12-1**
10-year trends in non-operating room anaesthesia case volumes at an American academic medical center
Phelps M., Bradley W.

**01AP12-2**
ASA classification audit do we speak the same language?
Katary A., Haroun A., Sarna K.

**01AP12-3**
Effects of music therapy under general anesthesia in patients undergoing abdominal surgery
Nakhli M.S., Kahloul M., Chakroun A., Harrathi M.A., Mhamdi S.

**01AP12-4**
Evaluation of the performance of the operating room by the real time of room occupancy
Nakhli M.S., Kahloul M., Harrathi M.A., Chakroun A., Mhamdi S.

**01AP12-5**
Influence of individual sociodemographics and past anaesthetic experiences on patients’ fears and misconceptions of anaesthesia
Gonçalves G., Pereira C., Mota A., Sobreira Fernandes D., Pinho S., Cavaleiro C.

**01AP12-6**
Influence of patients' characteristics on the anesthesiologist's roles perception
Pereira C., Gonçalves G., Sobreira Fernandes D., Mota A., Araujo M., Machado H.

**01AP12-7**
Large scale quality improvement in emergency general surgery. Reducing mortality and improving quality of care
Geeta A., Nial Q.

**01AP12-9**
Re-evaluation of scheduling at the pre-operative assessment clinic

**01AP12-10**
Are all the "blues" the same?
Lijnzaat L., Pelicano Paulos J., Carneiro A., Romão C., Fragata I.

**01AP12-11**
Feasibility, reliability and validity of the Japanese version of the 12-item World Health Organization Disability Assessment Schedule-2 in preoperative patients: a prospective observational cohort study
Ida M.*, Naito Y., Tanaka Y., Matsunari Y., Inoue S., Kawaguchi M.
### Pharmacology in paediatric anaesthesia

**Chairs:**
Tom Giedsing Hansen (Denmark)
Hans de Boer (Netherlands)

**05AP03-1**
A two-way randomized cross-over pharmacokinetic and pharmacodynamic evaluation of ADV6209, an innovative oral solution of midazolam
Brackhahn M.*, Marçon F., Guittet C., Manso M.A., Burton I., Granier L.A.

**05AP03-3**
Prospective randomized double blinded placebo controlled study to assess the efficacy of single dose intranasal dexmedetomidine in attenuating the hemodynamic response to endotracheal intubation
Rajendran M., Sheena Cherry B., Madhumitha M.

**05AP03-4**
The effect of intraoperative dexmedetomidine on acute kidney injury after paediatric congenital heart surgery
Choi J., Kwak H.J., Jo Y.Y., Lee K.C., Kim H.S.

**05AP03-5**
Incidence of neuromuscular relaxation after magnesium sulphate 60 mg kg⁻¹ in paediatric patients
Carlos R.V., Cardoso P.F.N., Torres M.L.A., de Boer H.D.

**05AP03-6**
Does the depth of neuromuscular blockade influence surgical conditions during paediatric laparoscopic surgery? Preliminary results of a randomized controlled study

**05AP03-7**
Sugammadex versus neostigmine in reversing neuromuscular block induced by rocuronium during adenotonsillectomy in pediatric patients
Moustafa A., El Sharkawy O., Miligy A., Abo Ali A.

**05AP03-8**
Electrophysiologic cardiac safety of intravenous lidocaine infusion in children
Fesenko U., Perova-Sharonova V., Albokrinov A.

### Lumbar plexus blocks

**Chairs:**
Slobodan Gilgorjevic (Switzerland)
Hidayet Unal (Turkey)

**03AP06-1**
Iliac fossa block is useful for postoperative analgesia of total hip arthroplasty
Murata Y., Inomata S., Tajima K., Saito S., Tanaka M.

**03AP06-2**
Comparison of two peripheral block methods for position pain in femoral neck fractures
Unal H., Baskan S., Aytac I., Alkan M., Baydar M.

**03AP06-3**
Pudendal nerve block with ropivacaine decreased catheter-related bladder discomfort in male patients: a randomized controlled study
Liao R.
The analgesic efficacy of local infiltration analgesia versus peripheral nerve block after anterior cruciate ligament reconstruction: a systematic review and meta-analysis
Albrecht E.1, Kirkham K.2

Effect of lateral femoral cutaneous nerve block combined with femoral nerve block on postoperative pain after total hip arthroplasty: a retrospective study
Terao Y.1, Oji M.1, Urabe S.1, Tominaga S.1, Fukusaki M.1, Hara T.2

D-dimer levels after hip arthroplasty: a comparison of spinal anaesthesia alone and spinal anaesthesia plus paravertebral block
Fesenko V.1, Kolomachenko V.2

Regional anesthesia for pediatric lower limb surgery
Frugiuele J., Cecchetti M., Gargiulo C., Tempra E., Giannopolo L., Bonarelli S.

03AP06-1

ROTEN™ based transfusion algorithm reduces transfusion and increases fibrinogen administration during orthotopic liver transplantation
Gilquin N.*, Bonnet A., Gazon M., Quattrone D., Steer N., Aubrun F.

03AP06-2

Comparison of Quantra™ vs ROTEN Delta and routine coagulation tests in cardiac surgery
Viola F.*, Winegar D.2, Fernandez L.1, Huffmyer J.3, Groves D.3

03AP06-3

Point-of-care haemostatic management in orthotopic liver transplantation of an ex situ hepatectomyzed liver graft
Katsanoulas K., Katsika E., Georgopoulou E., Markopoulos I., Serchan P., Bali E.

03AP06-4

In-vitro testing of the effect of unfractionated heparin, and low molecular weight heparin on new generation thromboelastogram (TEG6s) and conventional coagulation assays
Mathew B., Haney E., Lopez-Espina C., Doubleday M.

03AP06-5

The diagnosis and correction of hemocoagulation disorders in operative delivery
Tarabrin O., Mazurenko A., Tarabrin P., Sazhyn D., Volodychev D.

03AP06-6

Evaluation of fibrinogen level in trauma using new generation thromboelastogram (TEG6s) and Clauss assays
Mathew B., Lopez-Espina C., Doorneweerd D., Muresan A.

03AP06-7

Perioperative rotational thromboelastometry during and after adult living donor liver transplant recipients with genetic and acquired tendency to hypercoagulability
Yassen K.1, Hassanin A.1, Ahmed A.R.2, Abdel Salam Y.1, Afifi M.3, Görlinger K.3

03AP06-8

Point-of-care haemostatic management in orthotopic liver transplantation of a patient with a coronary stent
Katsanoulas K., Katsika E., Markopoulos I., Georgopoulou E., Bilali P., Vranas D.

03AP06-9

Perioperative hemostatic management of cardiohepatic transplant with Rotational Thromboelastometry (ROTEM)
Kataife E., Mileo F., Adrover A., Viso H.
### Haemodynamic and monitoring

**Chairs:**
- Idit Matot (Israel)
- Pavel Lenkin (Russian Federation)

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<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<td>07AP09-1</td>
<td>Ability of Capstesia™, a new smartphone Pulse Pressure Variation (PPV) and Cardiac Output (CO) application, to predict fluid responsiveness in mechanically ventilated patients</td>
<td>Boudart C.¹, Joosten A.¹, Desebbe O.¹, Huybrechts I.¹, Barvais L.¹, Van Obbergh L.¹</td>
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<tr>
<td>07AP09-2</td>
<td>Effects of anaesthesia induction on microvascular reactivity monitored by near-infrared spectroscopy: is there a difference between smokers and non-smokers?</td>
<td>Willems H., Lapage K., De Hert S., Moerman A.</td>
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<td>07AP09-3</td>
<td>Monitoring of perfusion index using pulse co-oximetry technology after off-pump coronary artery bypass grafting</td>
<td>Lenkin P., Smetkin A., Lenkin A., Fot E., Ushakov A., Kirov M.</td>
</tr>
<tr>
<td>07AP09-4</td>
<td>Survey of regional cerebral oximetry in thoracic aortic replacement surgery: comparison of near-infrared cerebral oximeters</td>
<td>Misa K.², Masahiro M.¹, Wataru T.¹, Ryoichi O.²</td>
</tr>
<tr>
<td>07AP09-5</td>
<td>Assessment of changes in lactate measurement with intravascular microdialysis using the trend interchangeability method</td>
<td>Bonnet V.¹, Gouezel C.¹, Lorne E.¹, Gerard J.-L.¹, Fellahi J.-L.¹, Fischer M.-O.¹, French Hemodynamic Team</td>
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<tr>
<td>07AP09-6</td>
<td>Preoperative cognitive performance, age and the choice of the main anaesthetics influence the Area Under the Curve (AUC) of intra-operative cerebral burst suppression (BS) as measured by the depth-of-anaesthesia monitor NeuroSENSE®</td>
<td>Lemaire G., Watremez C., Van Dyck M., Docquier M.-A., Momeni M.</td>
</tr>
<tr>
<td>07AP09-7</td>
<td>The analysis the effect site concentration of propofol affecting the left ventricular long-axis systolic performance: mitral annular tissue Doppler study</td>
<td>Kim T.-Y.¹, Bang J.-Y.², Choi B.-M.²</td>
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<tr>
<td>07AP09-8</td>
<td>Hemodynamics and nociception resulting from Oro-tracheal intubation: an observational prospective study</td>
<td>Bouzit Z., Grati A.H., Cherait C., Abdi W., Haouache H., Dhonneur G.F.</td>
</tr>
<tr>
<td>07AP09-9</td>
<td>Quality of reporting of fluid responsiveness evaluation studies: a five year systematic review</td>
<td>Izaute G.¹, Jacquet-Lagrange M.¹, Fellahi J.-L.¹</td>
</tr>
<tr>
<td>07AP09-10</td>
<td>Masimo Sphb: is it reliable?</td>
<td>Pedrosa F.¹, Luís M.¹, Galveias I.², Conde P.², Alves A.¹</td>
</tr>
<tr>
<td>07AP09-11</td>
<td>Microvascular effects of esmolol in postoperative atrial fibrillation: a prospective pilot study in cardiac surgery</td>
<td>Fornier W., Jacquet-Lagrange M., Collenot T., Portran P., Schweizer R., Fellahi J.L.</td>
</tr>
</tbody>
</table>
Chairs:
Esther Pogatzki-Zahn (Germany)
Ludmila Medvedeva (Russian Federation)

09AP04-1
Acupuncture analgesia in migraine treatment
Medvedeva L.¹, Zagorulko O.¹, Shevtsova G.²

09AP04-2
Brain connectivity of chronic pain patients
Iijima K.¹, Inomata S.², Matsushita A.³, Matsumura A.¹, Tanaka M.²

09AP04-3
Effects of hypnosis on the relative parasympathetic tone measured by ANI (Analgesia/Nociception Index) in healthy volunteers
Boselli E.*¹, Musellec H.², Martin L.¹, Bernard F.¹, Virot C.³, and the Émergences Instructors Team

09AP04-4
Pituitary hormone secretion changes after experimental pain stimulation. Are GH/TSH changes in patients with Fibromyalgia syndrome in a situation of chicken or egg?
Nakae A.*¹, Sumioka H.², Yoshioka Y.³, Hiroshi I.²

09AP04-5
Reflexology pain relieve in patients with temporomandibular joint disorder
Zagorulko O.¹, Medvedeva L.¹, Shevtsova G.²

INTENSIVE CARE MEDICINE
Learning Track 11

13AP09 Abstract Presentation Session
Sunday, 4 June 2017
15:30 – 17:00
 ICU real life 2
Poster e-Board

Chairs:
Zsolt Molnar (Hungary)
Timothy Asibey-Berko (United Kingdom)

13AP09-1
Frailty is associated with poor critical care outcomes
McBride M.W.¹, Columb M.², Mills G.H.³

13AP09-2
Successful treatment of inadvertent subclavian artery cannulation by arterial closure device
Chang S.L.¹, Lai C.H.², Lai H.C.¹, Hung C.J.¹, Lee W.L.²

13AP09-3
Mediastinitis and necrotizing fascitis - a challenge to an intensivist
Abdyli A.¹, Arapi B.¹, Doni R.¹, Huti G.¹, Miraka M.¹, Kortoci R.²

13AP09-4
Incidence and socioeconomic cost of care to patients candidates to withdrawing life sustaining treatments in a Tunisian intensive care unit.
Nakhli M.S., Kahloul M., Chakroun A., Harrathi M.A., Chebbi N., Mhamdi S.

13AP09-5
Aorto-enteric fistula and candida glabrata: an unusual association
Pérez de Lis Novo M., Vidal Seoane M., Rama Maceiras P., Pensado Castiñeiras A.

13AP09-6
Obstetric admissions to the intensive care unit in Malta: a population-based cohort study
Abela G.P.¹, Attard Cortis P.¹, Paris T.², Borg N.³

13AP09-7
Viability of saliva and sputum samples from acute exacerbations in COPD patients with a metabolomic signature
Asibey-Berko T.², Lewis K.², Mur L.², Mironas A.², Asandei D.², Ghosh S.⁴

13AP09-8
Continuous glucose monitoring in critical care: state of the art and role of glucose control
Spennati V.*¹, Mastrantonio F.², Lauro D.², Valgimigli F.², Borsellino B.¹, Sagario M.¹

13AP09-9
Intensive care admission and hospital mortality in the elderly after non-cardiac surgery in Spain: secondary analysis of EuSOS study
13AP09-10
Role of anesthesiologists in early recognition of traumatic injury of the thoracic duct: case report
Burmuzoska M., Jovanovski-Srceva M.

13AP09-11
Assessment of nurses’ compliance and understanding of the confusion assessment method for the intensive care unit as a delirium screening tool in the London teaching hospital
Krupa M., Crerar-Gilbert A.

ACUTE PAIN MANAGEMENT
Learning Track 9

Sunday, 4 June 2017
15:30 – 17:00

Postoperative pain: clinical studies

Chairs:
Caterina Aurilio (Italy)
Selene Martinez (Spain)

08AP05-1
Acute postoperative pain in a tertiary hospital: data from electronic clinical histories analyzed according to All Patient Refined-Diagnosis Related Groups
Trillo L., Martínez S., García J., Arbonés E., Comas M., Montes A.

08AP05-2
Analysis of complications associated with epidural analgesia – a 5-year audit
Freitas Silva R., Resendes H., Lima C., Cabral T., Simas J., Borges J.

08AP05-3
Analysis of pain indicators in a tertiary care hospital: study based on electronic clinical histories
Martínez S., Trillo L., Garcia J., Montes A.

08AP05-4
Analysis of the severity of pain in the wounded during the conflict in eastern Ukraine and the effectiveness of pain management in the prehospital settings
Pylypenko M., Kuchma A., Cheremskiy A.

08AP05-5
Anesthesia audit: control of acute postoperative pain
Fernández Sánchez C.J., Morandeira Rivas C., Martínez López A., Miguel Martín M.N., Arnal Velasco D., García del Valle S.

08AP05-6
Pain management practice in teaching hospitals
Aljabari A., Massad I.

08AP05-7
Pain scales to detect pain in intubated critical patients
Kuchyn L., Bielka K.

08AP05-8
Pain treatment in austere environment. Description of analgesics, devices and techniques performed in a casualty treated in isolated place
Navarro-Suay R., López-Soberón E., Castillejo-Pérez S., Puente-Barba A., Pelet-Pascual E., García-Aroca M.A.

08AP05-9
Postoperative analgesia in kidney transplantation
Rodrigues C., Oliveira S., Adrego T., Gomes P.

08AP05-10
The comparison of postoperative pain severity in different types of hospitals in the eastern Poland
Borys M., Zyzak K., Wróblewski K., Piwowarczyk P., Czuczwar M.

08AP05-11
Visual analogue scale cannot measure postoperative pain in an objective fashion, on the contrary, pain vision can measure postoperative pain in an objective way
Uchida M.

08AP05-12
NoL Index performance in patients with beta-blockers
Edry R.*, Rechea V., Dikust Y.
Learning to cope: workload, stressors and training

Chairs:
Hartmut Bürkle (Germany)
Lukasz Wroblewski (Poland)

17AP01-1 Impact of stress on the efficacy of management of life-threatening conditions provided by anesthesiology residents and medical students
Wroblewski L., Janiszewska A.

17AP01-2 Improving transfusion safety through social networking sites
Nakhli M.S.1, Kahloul M.1, Kacem I.2, Bougathas W.2, Mhamdi S.1, Mrizak N.2

17AP01-3 Teaching low-flow anesthesia methods: does it worth it?
Czobor N.R.1, Lukacs F.2, Holndonner-Kirst E.1, Gál J.1, Merkely B.1, Székely A.1

17AP01-5 A Quest for Optimal Compliance with Joint Commission International Standards for Anesthesia: There and back again
Ringoir J.1, Fakir N.1, Van Biesen S.2, Kennis M.3, Swinnen W.1

17AP01-6 Assessment and certification processes in postgraduate anaesthesiology training in Europe
Manders L.A.1, Jonker G.2, Marty A.P.3, Gessel van E.F.4, Kalkman C.J.2, Hoff R.G.2

17AP01-7 Assessment of physicians' workload in an academic health care setting with the Physicians Workload Measuring Tool (PWMT)
Degrève W.1, Velghe A.2, Monten C.3, Van Herzeele I.4, Moerman A.1

17AP01-8 Development and pilot testing of a new measurement tool to assess workload of physicians in an academic health care setting: Physicians Workload Measuring Tool
Legrand M.1, Degreve W.1, Velghe A.2, Monten C.3, Van Herzeele I.4, Moerman A.1

17AP01-9 Transfusional practice survey in a tertiary hospital. Are we really trained in transfusional practice?
Guirao Monreal M.Á., Guasch Arévalo E., Gilsanz Rodríguez F.

17AP01-10 The knowledge of the doctor just formed on the approach to the airway and the importance of practical theoretical courses on this field
Abraão M.A., Peclat T., Lopes F., Leite S.

Pharmacology

Chairs:
Marc Moritz Berger (Austria)
Ami Sugawara (Japan)

01AP13-1 Is age a covariate of pharmacodynamic interaction model for propofol and opioid?
Sugawara A.1, Masui K.1, Kunisawa T.1

01AP13-2 Lipid emulsion facilitates reversal from sevoflurane anaesthesia in a rodent model
Hino H., Matsuura T., Horii K., Tsujikawa S., Mori T., Nishikawa K.
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<tr>
<td>01AP13-3</td>
<td>The MAC-BISSO-tetanus of desflurane decreases by aging Fujita M.1, Inomata S.2, Tanaka M.2</td>
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<tr>
<td>01AP13-4</td>
<td>Fentanyl-Propofol versus Dexmedetomidine-Propofol for procedural sedation during gastrointestinal endoscopies in children Galante D.2, Badji F.3, Melia E.1, Pedrotti D.4, Lambo M.S.5, Cococcia L.6</td>
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<tr>
<td>01AP13-5</td>
<td>Insulin minimises cell injury in an ex vivo perfused rat liver model Cuttaia H., Nuyens V., Boogaerts J.G., Papegay B.</td>
</tr>
<tr>
<td>01AP13-6</td>
<td>Lidocaine may contribute to general anesthesia by different mechanisms comparing to bupivacaine and ropivacaine in mammalian central nervous system Chen G.1, Shi M.2, Ke B.3</td>
</tr>
<tr>
<td>01AP13-7</td>
<td>The intravenous oxycodone is effective to attenuate intubation-associated hemodynamic changes than fentanyl. A prospective, double-blinded, randomized control study Jung K.T., Kim S.H., So K.Y.</td>
</tr>
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<td>01AP13-9</td>
<td>Comparison of total blood loss between volatile agents and total intravenous anesthesia for posterior spinal fusion in adolescents with idiopathic scoliosis Yagmur Ateser R.1, Yanik H.S.2, Subasi F.D.3, Batan S.3, Ekinici O.1, Bekiroglu G.N.1</td>
</tr>
<tr>
<td>01AP13-11</td>
<td>Etomidate suppresses cancer cell invasion and migration in A549 human lung adenocarcinoma cells Wu R.S.-C.</td>
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**PAEDIATRIC ANAESTHESIOLOGY**

**Learning Track 5**

**Monday, 5 June 2017 08:30 – 10:00**

**Paediatric blood management, special diseases in paediatric anaesthesia**

**Chairs:**
Ignacio Galvez Escalera (Spain)
Marina Moguilevitch (United States)

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<tr>
<td>05AP04-1</td>
<td>The relevance of fluid and blood management using microcirculatory parameters in children undergoing craniofacial (CF) surgery Kílcaslan B.1, Canbay O.1, Saylan A.1, Akinci S.B.2, Tuncbilek G.1, Ince C.4</td>
</tr>
<tr>
<td>05AP04-3</td>
<td>Craniosynostosis surgery in infants-transfusion requirements Nastasovic T.1, Milakovic B.1, Stosic M.1, Kaludjerovic M.1, Lazarevic I.1, Gruijicic D.2</td>
</tr>
<tr>
<td>05AP04-4</td>
<td>Prospective single blinded randomized controlled study comparing the efficacy of epsilon-aminocaproic acid and tranexamic acid in pediatric patients undergoing elective idiopathic scoliosis surgery Moguilevitch M.1, Vivek K.2</td>
</tr>
<tr>
<td>05AP04-6</td>
<td>Anesthetic management of pediatric patients with Congenital Rubella syndrome: our experience and a review of the literature Khanna P.1, Sinha R.2, Arora M.1, Agarwal A.2, Subramanian R.1, Dass C.1</td>
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<tr>
<td>05AP04-7</td>
<td>Anesthesia for Mowat-Wilson syndrome Calhau R.1, Calvão Santos C.2, Borges Marques J.3, Trindade H.3</td>
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</table>
Anestesic management of a child with neuroblastoma: always a challenge
Davila B.¹, Guerra M.², Vaz S.³

Kabuki syndrome – an anesthetic challenge
Oliveira C., Saura C., Pereira V., Sampaio J.

A safe surgical and anesthesia approach in a full term baby girl with a rare presentation of combination: myelomeningocele and unknown anatomy of tracheoesophageal fistula
Russo-Menna I., Kenneth Potter MD

REGIONAL ANAESTHESIA
Learning Track 3

Brachial plexus blocks
Monday, 5 June 2017
08:30 – 10:00

03AP07-1
Addition of liposome bupivacaine in interscalene brachial plexus block lowers postoperative pain up to 1 week after rotator cuff surgery
De Meirson S.¹, Smeets A.-S.², Bylos B.¹, Buck R.¹, Hassanin J.², Leunen J.², Zol Study Group

03AP07-2
Patients’ perception of postoperative pain management after arthroscopic shoulder surgery: selective shoulder block versus interscalene block
Vranken D.¹, Dubois J.¹, Schoorens D.², Jamaer L.¹, Ory J.-P.¹, Stessel B.¹

03AP07-3
Selective shoulder block versus interscalene block: the need for rescue opioids after arthroscopic shoulder surgery
Dionys A.¹, Dubois J.¹, Schoorens D.², Jamaer L.¹, Ory J.-P.¹, Stessel B.¹

03AP07-4
Programmed intermittent bolus infusion for interscalene block reduces the incidence of phrenic paralysis on the first postoperative day in patients having shoulder surgery
Tanaka K., Shikata Y., Fujita Y., Hashimoto A., Sato Y., Fujiwara Y.

03AP07-5
Extrafascial catheter tip placement for continuous interscalene brachial plexus block reduces hemidiaphragmatic paresis compared with a conventional intrafascial tip placement: a randomized, controlled, double-blind trial
Albrecht E.¹, Bathory I.¹, Fournier N.², Jacot-Guillarmod A.¹, Farron A.³, Brull R.⁴

03AP07-6
Sonographic comparison of two different peripheral nerve catheters for continuous interscalene nerve blocks
Maecken T., Lohr D., Zahn P.K., Litz R.J.

03AP07-7
A comparison of ultrasound-guided interscalene and supraclavicular block for postoperative analgesia after shoulder surgery
Chunwoo Y., Inha University Hospital

03AP07-9
Effects of a fixed low-dose ropivacaine with different volume and concentrations on brachial plexus block: a randomized controlled trial
Papakitsos G.¹, Kapsali A.², Roimpa A.³, Papakitsou T.⁴

03AP07-10
Single-shot Interscalene brachial plexus block reduces the incidence of post-thoracotomy shoulder pain without additional impairment of pulmonary function in patients undergoing open-thoracotomy
Jae Hee W.¹, Kim Y.J.¹, Kim K.C.², Kim C.H.¹, Kim D.Y.¹
Haemorrhage in O&G (risk factors, management), ICU & HDU

### 04AP07-1
Retrospective study to investigate the effect of fixed ratio management of packed red blood cell: fresh frozen plasma on blood management in postpartum hemorrhage
Weiniger C., Yakirevich N., Gural A., Sela H.Y., Einav S.

### 04AP07-3
Successful management of major haemorrhage in 6 cases of abnormal invading placentation during 2016 in a tertiary hospital in Crete, Greece
Spartinou A., Christofaki M., Stefanakis G., Nyktari V., Tsagaraki G., Papaioannou A.

### 04AP07-4
Prophylaxis in pregnant women with factor VII deficiency
Fernandes M., Mota S., Martires E.

### 04AP07-5
Combined spinal-epidural and general anaesthesia for cesarean section in pregnant patients with placentary anomalies – two case reports
Ferraz S., Carvalho B., Barbosa T., Ferreira A., Faria A.

### 04AP07-6
Influence of propofol and dexmedetomidine on oxytocin-induced contractions of isolated pregnant rat myometrium
Kimizuka M., Tokinaga Y., Hayashi S., Azumaguchi R., Yamakage M.

### 04AP07-7
Emergency obstetric drug administration survey on uterotonics
Aaytee H., Lal N., Windsor J.

### 04AP07-8
Laparotomic myomectomy in the 18th week of pregnancy: a case report
Buriticá Aguirre A.M., Mata Francisco N.C., Borja Andrés H., Nieto Martín L., Vargas Fajardo M.D.C., Rubio Babiano M.D.P.

### 04AP07-10
Comparison of two diagnostic scores of disseminated intravascular coagulation in pregnant women admitted to the ICU
Marie J., Bouthors-Ducloy A.-S., Fourier F.

Cardiac anaesthesiology 4

### 07AP10-1
Desflurane does not decrease the risk of myocardial injury in trans-catheter aortic valve implantation with the trans-femoral approach under general anaesthesia
Okitsu K., Iritakenishi T., Fujino Y.

### 07AP10-2
Ventricular septal defect after damage control resuscitation in penetrating cardiac injury: management pitfalls
Varela Cabo J.A., Gonzalez Zarco L., Jimenez de la Fuente C., Portas Gonzalez M.T., Piñeiro Otero P.
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<td>07AP10-3</td>
<td>Effect of rapid ventricular pacing on cerebral oxygenation in transcatheter aortic valve implantation (TAVI): role of routine near-infrared spectroscopy monitoring</td>
<td>Karaaslan P.¹, Darcin K.², Ozyuksel A.³, Kutlu E.¹, Köse E.A.¹, Boztosun B.⁴</td>
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<tr>
<td>07AP10-6</td>
<td>Point of care coagulation tests do not reduce requirements for allogeneic blood transfusions during and after cardiac surgery</td>
<td>Kodaka M., Mukouyama Y., Ichikawa J., Nihei W., Nishiyama K., Komori M.</td>
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<td>07AP10-7</td>
<td>Formation of a large left atrial thrombus within 4 days despite sinus rhythm and heparinization: a case report</td>
<td>Okamura K., Kodaka M., Osada Y., Mukouyama Y., Nihei W., Komori M.</td>
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<td>07AP10-8</td>
<td>Surgical septal myectomy by transapical approach for relief of left ventricular outflow tract in hypertrophic cardiomyopathy</td>
<td>Simic D.¹, Serrano Zuera C.¹, González A.³, García Fernández J.³, Forteza A.³, Martin C.²</td>
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<td>07AP10-11</td>
<td>Cardiac surgery performed in a cardiac transplanted patient: a case report</td>
<td>Ferreira P.¹, Farinha F.²</td>
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**RESPIRATION AND AIRWAY MANAGEMENT**

**Learning Track 13**

**Abstract Poster e-Board 6**

**Monday, 5 June 2017 08:30 – 10:00**

**Different techniques and approaches to airway management**

**Chairs:**
Robert Greif (Switzerland)*
Javier Albalaerejo Magdalena (Spain)

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<td>11AP06-3</td>
<td>Analysis of capnogram during patient-controlled sedation with propofol or midazolam in healthy volunteers</td>
<td>Lee J.-M.¹, Seo K.-S.²</td>
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<td>11AP06-4</td>
<td>Iatrogenic tracheal rupture after gastrointestinal endoscopy</td>
<td>Albaladejo Magdalena J.³, Fresnedo Perez R.M.², Alvarez Barrial A.M.², Garcia Menendez M.J.², Alvarez Alvarez A.², Bermejo Alvarez M.A.²</td>
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<td>11AP06-5</td>
<td>Intubating laryngeal mask airway for overweight and obese patients: gastrointestinal reflux during positive pressure ventilation</td>
<td>Stamov V.³, Dolbineva E.L.², Gavrilov S.V.¹, Bunyatyan A.A.²</td>
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<td>11AP06-6</td>
<td>Nebulized lidocaine and fentanyl as a part of local airway anesthesia with sedation for tracheal stenting</td>
<td>Moustafa M.A., Moustafa A.M.</td>
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<td>11AP06-7</td>
<td>Successful use of inhalational sevoflurane for a life-threatening bronchial obstruction unresponsive to conventional therapy</td>
<td>Vives M., Ramirez L., Perez L., De Francisco J.</td>
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<td>11AP06-8</td>
<td>Unanticipated difficult laryngoscopy in a diabetic patient undergoing coronary artery bypass graft surgery</td>
<td>Chan H.S.P., Chew S.T.H.</td>
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<td>11AP06-9</td>
<td>Effects of different nebulizers and positions on aerosol salbutamol drug delivery in the anesthetic breathing circuit</td>
<td>Thongsukh V.¹, Artnasiaw B.¹, Chutipongtane S.²</td>
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**INTENSIVE CARE MEDICINE**

_**Learning Track 11**_

**Monday, 5 June 2017**  
**08:30 – 10:00**

**Sedation in ICU & the burn units**

**Chairs:**  
Cesare Gregoretti (Italy)*  
Gisela Lima (Portugal)

**13AP10-1**  
Isoflurane and Sevoflurane consumption in an anaesthetic conserving device (AnaConDa™) versus a semi-closed circle system with automatic end tidal concentration control (Aisys Carestation™) using an artificial lung model  
Georgevici I., Procopiuc L., Drees D., Vinnikov V., Weber T.P., Bellgardt M.

**13AP10-2**  
Isoflurane, Sevoflurane and Desflurane consumption in an anaesthetic gas reflector system with target controlled administration (MIRUS™) versus a semi-closed circle system with automatic end tidal concentration control (Aisys Carestation™) using an artificial lung model  
Georgevici I., Procopiuc L., Drees D., Vinnikov V., Weber T.P., Bellgardt M.

**13AP10-3**  
Can Dexmedetomidine prevent delirium during the weaning process in critically ill patients?  
Fotopoulou G., Poularas I., Alexopoulou A., Kalogeromitros A., Papakonstantinou K., Koukoulitsios G.

**13AP10-4**  
Use of Dexmedetomidine during discontinuation of ventilation in the neuro-critically ill patient  
Fotopoulou G., Alexopoulou A., Poularas I., Kalogeromitros A., Papakonstantinou K., Koukoulitsios G.

**13AP10-5**  
Clinical uses of dexmedetomidine in a tertiary university hospital ICU  
Farriña González T.F., Jiménez Martín M.J., Pardo Rey C., Del Pino A., García Alonso L., Sanchez García M.

**13AP10-6**  
Abbreviated Burn Severity Index in a reference burn care unit – a 3 year experience  
Silva E., Lima G., Ferreira C., Rego S., Marques M., Martins M.

**13AP10-7**  
Are the type of burns and of accident prognostic factors in burn patients?  
Silva E., Lima G., Ferreira C., Rego S., Marques M., Tourais I.

**13AP10-8**  
Burn population in a reference Burn Care Unit – a 3 year experience  
Silva E., Rego S., Ferreira C., Lima G., Martins M., Tourais I.

**13AP10-9**  
The impact of mechanical ventilation in the burn patient prognosis  
Silva E., Lima G., Ferreira C., Rego S., Marques M., Tourais I.

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**PERIOPERATIVE MEDICINE**

_**Learning Track 8**_

**Monday, 5 June 2017**  
**08:30 – 10:00**

**Clinical scenarios 1**

**Chairs:**  
Zsolt Molnar (Hungary)  
Luísa Perry da Câmara (Portugal)

**14AP08-1**  
Preparing for a difficult airway in burning victim - a shocking case report  
Perry da Câmara L., Spencer L., Pissarra F., Fragata I.
Is pulmonary hypertension still a perfect stranger?  
Spiritoso R.¹, Bianchi C.¹, Shaw E.¹, Madden P.B.¹

Sepsis-related takotsubo cardiomyopathy  
Monteserín Matesanz C.¹, Piñeiro Otero P.¹, González Benito E.¹, López Martínez M.¹, Gonzalez-Cantero J.I.²

A case of Marfan syndrome with respiratory insufficiency after combined surgery for both pectus excavatum and acute aortic dissection type-A  
Honda J., Sanbe N., Imaizumi T., Oishi R., Iseki Y., Murakawa M.

The challenge of cancellations on the day of surgery: retrospective study  
Francisco E., Santos J., Amaral R., Vico M., Assunção J.P.

Anesthetic challenges during interventional management of extra-cranial vascular malformations  
Hasan N., Venkatraghavan L.

Uhl’s Anomaly: description of anesthetic management on an urgent context  
Pedrosa F., Damas M., Cruz A.

Donor-receptor troponin transfusion with liver graft? A case during liver transplantation  
Vilchez Monge A.L., Hernández I., Olmedilla L., Garutti I., Jimenez de la Fuente C., Pérez-Peña J.M., Liver Transplantation Group

Perioperative management of insulinoma: a case report  
Sarmento Castro J., Peiwoto A.R., Fortunato Silva M.

Exclusive use of diltiazem in the per-operative management of bilateral pheochromocytoma: anaesthetic double challenge  
Caldeira A., Galacho J., Pereira I.

Clinical neuroanaesthesiology 2

NEUROANAESTHESIOLOGY
Learning Track 6

06AP06-1 Retrospective analysis of intraoperative cardiorespiratory reflex responses in retinoblastoma patients receiving ophthalmic arterial chemotherapy  

06AP06-2 Safety of the sitting position. A pseudorandomised non-inferiority methodology study  
Brinzeu A., Dumot C., Georgoulis G., Dailler F., Sindou M., Mertens P.

06AP06-3 Spinal anesthesia versus general anesthesia for lumbar disc surgery  
Bermede A.O., Yörükoğlu D.

06AP06-4 The calm before the storm: haemorrhagic cardiac arrest during lumbar disc surgery  
Gritti P.¹, Passoni M.¹, Brembilla C.², Re M.¹, Cadisco A.¹, Lorini F.L.¹

06AP06-5 The effect of laryngoscopy and intubation on the qNOX and qCON in spinal surgery  
Grytsan A.¹, Dovbysh N.¹, Korchagin E.², Chernetsky O.²

06AP06-6 Trigeminocardial reflex in the skull base surgery  
Savvina I., Anna P., Rutkovskiy R.

06AP06-7 Acute onset severe thrombocytopenia after brain tumor resection under total intravenous anaesthesia  
Matas M., Sekulić A., Miklić-Bublić M.
Autonomic reactions during posterior cranial fossa surgery
Rumyantseva M., Petrova A., Nazarov R., Kondratiev A.

Brainstem cavernous angioma in an octogenarian cardiopathic patient: anesthesiologic and neurosurgical challenges
Urli T., Nicolini F., Giulioni M., Sturiale C., Zanello M.

Comparison of the effects of vecuronium and cisatracurium on electrophysiologic monitoring during neurosurgery: a randomized controlled study
Chung Y.H., Kim S.-H., Park J.-W.

Decompressive craniectomy after traumatic brain injury: a systematic review of recent evidences
Marocchi L., Spennati V., Cinicola M., Caroletti F., Caiazzo I., Collacchi D.

CHRONIC PAIN AND PALLIATIVE MEDICINE
Learning Track 10

Monday, 5 June 2017
08:30 – 10:00

Chronic pain: interventional techniques
Poster e-Board 10

Chairs:
Jan Van Zundert (Belgium)
Kim Jung Eun (Republic of)

A case of psoas major muscle abscess diagnosed using ultrasound-guided percutaneous puncture
Yoshida T., Sakuma K., Watanabe S.

Extraspinal percutaneous osteoplasty for the treatment of painful bony metastasis
Kim K.-H., Yoon J.P.

Loin pain hematuria syndrome: a case report
Alvar E., Manrique de Lara C., Campos M., De Andrés J., Gilsanz F.

Oblique contralateral view for interlaminar cervical epidural access
Alvar E., Zurita S., Castillo M.P., Aguar M., De Andrés J., Gilsanz F.

Pulsed Radiofrequency for chronic ankle pain: a case report
Genovese A., Cardia L., Patalano I., Bombardiere M.T., Costa C., Mondello E.

Radiofrequency ablation of S2 & S3 lateral branch in sacroiliac joint pain patient: lateral approach
Lee H.W., Lim H.J., Lee Y.W., Park S., Koh J.C.

The detection rate of intravascular penetration during cervical transforaminal epidural block using digital subtraction angiography, compared to real-time fluoroscopy
Kim S., Kim J.-H.

The effect of continuous epidural block into the specific segmental lesion in acute zoster pain and post herpetic neuralgia
Jung Eun K., Sang Sik C., Mi Kyoung L., Se Hee K.

The invasive pain management techniques effectiveness in chronic tension-type headaches treatment
Zagorulko O., Medvedeva L., Shevtsova G.

Transcranial low level weberneedle laser in the management of intractable headache: a case report
Fanous S., Henry B., Abdelhay O.

Ultrasound guided pectoral nerve II block for intractable thoracic postherpetic neuralgia
Oh D.S., Kang T.H., Lee J.Y., Kim H.J.
GENERAL ANAESTHESIOLOGY
Learning Track 1

Monday, 5 June 2017
10:15 – 11:45

Anaesthetic conduct, quality

Chairs:
Guy Haller (Switzerland)
Carla Couto (Portugal)

01AP14-1
Management of perioperative hypothermia in major surgery: the efficacy of prewarming with Barrier Easy warm blanket and validation of the Spot on thermometry
Van Gerven E., Coppins S., Neyrinck A.

01AP14-2
Intraoperative factors affecting the core body temperature in admission and at discharge of post-anesthesia care unit
Chalari E.1, Intas G.2, Stergiannis P.3, Fildissis G.3, Panoutsopoulos G.4

01AP14-3
How do fluids from warming cabinet compare with warming fluids with a Ranger fluid warmer?
Naithilath S.1, Evans B.2

01AP14-4
Impact of active warming in perioperative heat loss in laparoscopic cholecystectomy
Gonçalves G., Couto C., Pacheco M., Sá A., Cavaleiro C., Machado H.

01AP14-5
Internal jugular vein cannulation - freehand versus navigation-technique
Maecken T., Schulze L., Zahn P.K., Litz R.J., Wolf B.

01AP14-6
Ultrasound-guided brachiocephalic vein cannulation - comparison of two in-plane-techniques
Maecken T., Avila Gonzalez C., Zahn P.K., Litz R.J., Wolf B.

01AP14-8
Combined anaesthesia in patients undergoing surgery for ischemic heart disease
Volchkov V.1, Boyarkin A.1, Sizov O.2, Malshakov V.1, Balandina E.1, Volchkova E.1

01AP14-9
Does increasing the arterial blood pressure at the end of a laparoscopic gastric bypass reduces the number of postoperative haemorrhages?
Teney C.1, Muller J.1, Dillemans B.2, Van Dyck M.2

01AP14-10
Effects of acute normovolemic hemodilution (ANH) with crystalloids or starches on coagulation as determined with thrombelastogram (TEG): preliminary results
Vanhulle L.1, van Limmen J.1, De Baerdemaeker L.1, Troisi R.2, De Hert S.1

01AP14-11
Intraocular pressure changes during colorectal laparoscopic surgery: propofol total intravenous anesthesia versus desflurane anesthesia
Kim Y.-S., Han D.-K., Ryu H.-S., Seo K.-H.

01AP14-12
Effects of rocuronium and sugammadex on human platelet functions in vitro
Kawamoto S., Fukuda K.

PAEDIATRIC ANAESTHESIOLOGY
Learning Track 5

Monday, 5 June 2017
10:15 – 11:45

Paediatric airway management

Chairs:
Thomas Engelhardt (United Kingdom)
Elena Alvar (Spain)
### 05AP05

**The effect of LMA Supreme and LMA ProSeal on intraocular pressure in children undergoing strabismus surgery**  
Türkyılmaz N., Arslan Z., Altıntaş Ö., Solak M.

**Airway management in a paediatric patient with a large tongue lymphangioma**  
Benigni A., Maffioletti M., Locatelli B., Sonzogni V., Gritti P.

**Pediatric difficult airway management: a case report**  
Alvar E., Denis S., Reinoso F., Gilsanz F.

**A novel nasal PAP mask assembly provided continuous active oxygenation in a paediatric patient with OSA during induction of GA for appendectomy**  
Tse J., Landgraf B.R., Patel B., Shah U., Barsoum S.

### REGIONAL ANAESTHESIA

**Learning Track 3**

**Monday, 5 June 2017 10:15 – 11:45**  
**Case reports in regional anaesthesia**  
**Poster e-Board 3**

**Chairs:**  
Matthias Sluga (Switzerland)  
Matthew Ellison (United States)*

#### 03AP08-1  
A novel approach to post op ear pain: greater auricular nerve continuous catheter analgesia  
Ellison M., Ranganathan P., Parsons J., Wilson C., Howell S.

#### 03AP08-2  
Single injection peribulbar block for extended and complicated vitreoretinal surgery in a high risk patient - a case report  
Milanovic M., Susnjar S.

#### 03AP08-3  
Pectoral nerve block (Pecs block) with sedation for breast conserving surgery without general anesthesia  
Jun-Young C., Jae-Woo Y., Eun-Jin M., Seung-Beom K., Hyung-Mo J.

#### 03AP08-5  
PECS I block in a patient without pectoralis major muscle – is it possible?  
Cabral T., Silva R., Trindade H., Ferreira J.

#### 03AP08-6  
Cyanotic in recovery: what seems safe maybe unsafe  
Elnady A., Mathur D.

#### 03AP08-7  
Permanent neuropathy secondary to abscess inguinal after analgesia femoral continues  
Fernández C., Rodríguez P., Gómez L., Hernández M.J., Moliner S., De Andrés J.

#### 03AP08-8  
Nefrectomy with awake patient - myth or reality?  
Ferraz S., Lages Torres R., Dahlem C.

#### 03AP08-9  
Transverse abdominal plane block for percutaneous gastrostomy in patient with amyotrophic lateral sclerosis  
Pota V., Grasso A., Pace M.C., Passavanti M.B., Sansone P., Aurilio C.

#### 03AP08-10  
Methicillin-resistant *Staphylococcus aureus* (MRSA) skin infection after epidural anaesthesia: a case report  
Caldeira A., Albuquerque D., Henriques D., Monteiro M.
## OBSTETRIC ANAESTHESIOLOGY

**Learning Track 4**

**Monday, 5 June 2017**

### Complications & miscellaneous 2 (obstetrics)

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<td>The effect of right versus left lateral-tilt position on compression of the inferior vena cava in parturients</td>
<td>Fujita N.¹, Higuchi H.², Sakuma S.², Zhang K.¹, Takagi S.², Ozaki M.²</td>
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<td>04AP08-2</td>
<td>Persistent low back pain in a pregnant woman after epidural anaesthesia for cesarean section: an unexpected MRI findings and diagnosis</td>
<td>Farina L.M.¹, Filetici N.², Dionisi P.¹, Piscicelli C.³, Diamanti P.³</td>
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<td>04AP08-3</td>
<td>Cerebrospinal fluid fistula after combined spinal-epidural labor analgesia (CSE) – a very rare case report</td>
<td>Perry da Cámara L.¹, Spencer L.¹, Perry da Cámara C.², Marques R.², Pissorra F.³, Fragata I.¹</td>
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<td>04AP08-4</td>
<td>Ultrasound epidural catheter in obese pregnant patients. Evaluation of the ultrasound-assisted epidural catheter placement technique by “rookie users”</td>
<td>Sacchetti C., Migliavacca G., Esposito I., Trombi G., Fanelli G., Compagnone C.</td>
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<td>04AP08-5</td>
<td>Spontaneous spinal epidural hematoma after labour with epidural anaesthesia: a case report</td>
<td>Miguel Ruano G., Kollmann Camaiora A., Alsina E., Gilsanz F.</td>
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<td>04AP08-6</td>
<td>My pregnant patient proposed for a C-section has a history of intracranial arteriovenous malformation... what now?</td>
<td>Alves D.R., Ribeiro P.</td>
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<td>04AP08-7</td>
<td>Intrapartum fever for primiparous parturients: causing factors and effect on neonate</td>
<td>Lindžiūtė U.¹, Saulėnas T.¹, Balluienė V.², Rimaitis K.², Macas A.²</td>
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<td>04AP08-8</td>
<td>Benefits of balanced crystalloid in peripartum period</td>
<td>Sedinkin V., Klygunenko O., Volkov O.</td>
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<td>04AP08-9</td>
<td>Epidural catheter breakage</td>
<td>Fernandes M., Pereira E., Ferreira Silva L.I., Silva E.</td>
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<td>04AP08-10</td>
<td>Anesthetic management of laparoscopic surgery during the second trimester of pregnancy. Case report</td>
<td>Heredia C.¹, Gine M.¹, Parrilla L.¹, Estadella J.², Moral M.V.¹</td>
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<td>04AP08-11</td>
<td>External cephalic version: what are the ideal technique and dosage?</td>
<td>Alvar E.¹, Otero I.¹, Gredilla E.¹, Guasch E.¹, Gilsanz F.¹, Caro J.²</td>
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## CARDIAC, THORACIC AND VASCULAR ANAESTHESIOLOGY

**Learning Track 7**

**Monday, 5 June 2017**

### Cardiothoracic anaesthesiology

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<td>Intrapar tum fever for primiparous parturients: causing factors and effect on neonate</td>
<td>Lindžiūtė U.¹, Saulėnas T.¹, Balluienė V.², Rimaitis K.², Macas A.²</td>
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**Chairs:**

Marc Leone (France)
Niki Kouna (Greece)
Lipid emulsion attenuates H2O2-induced apoptotic cell death in H9c2 rat cardiomyoblast cells
Shin I.-W.1, Woo M.-S.1, Kim Y.-A.2, Sohn J.-T.1, Lee H.-K.1, Chung Y.-K.1

Sevoflurane attenuates systemic inflammatory response and shedding of lung-endothelial glycocalix in lung resection surgery and one lung ventilation in an experimental model animal
González Moraga F.J., Casanova J., Garutti I., Simón C., Fernández C., Vara E.

Cardiac arrest following traumatic haemopneumothorax - fighting against time
Rakanovic D.1, Svraka D.1, Janicic D.2, Sobot Novakovic S.1, Djurdjevic Svraka A.3, Dakic Z.2

Kouna N.1, Antonopoulos N.1, Garini E.1, Prodromou C.1, Oikonomopoulos D.1, Mammi P.1

Evaluation of ultrasound guided vascular access during cardiac surgery induction
Wong J., Caroline F., David N.

Analysis over 10 years of deaths after ambulatory surgery: 9 closed claims (SHAM insurance)
Theissen A.*1, Fuz F.2, Tri N.3, Bouregba M.1, Rouquette-Vincenti I.1, Beaussier M.3

Influence of surgical technique on pain and postoperative stay of patients subjected to ambulatory hemorrhoidectomy
Gil Bona J., Martínez Ubieto F., Gracia Roche C., Peña Calvo P., Martínez Ubieto J., Pascual Bellosta A.

Office based propofol sedation for Termination of Pregnancy (TOP) in ASA I and II women: mortality, serious incidents and incidents in 65.460 patients
de Jong C.J.

Risk factors of hospitalisation after outpatient shoulder surgery
Bai O.1, Talla G.1, Boulares S.2, Seidel L.3, Boogaerts J.1

Sedation for endobronchial ultrasonography: use of dexmedetomidine or propofol in combination with remifentanil. Randomized double-blind study
Bermejo S.1, Silva-Costa T.1, Sánchez-Font A.2, Mases A.1, Valles J.1, Gallart L.1

Unanticipated admissions after same day surgery in a teaching hospital
Etulain Santos M.J., Monteserin C., Laura S.M., Jonathan O.A., Marcos L.M., Matilde Z.
02AP02-8  Unanticipated admissions following day case gynaecological surgery – a retrospective audit  
Nagarajan S., Lew E.

02AP02-9  Validation of the Dutch version of the Functional Recovery Index (FRI)  
Hendrickx M., Dubois J., Jamaer L., Evers S., Ory J.-P., Stessel B.

INTENSIVE CARE MEDICINE  
Learning Track 11  
Monday, 5 June 2017  
10:15 – 11:45  
Liver, abdominal surgery and beyond  
Poster e-Board 7

13AP11-1  Indocyanine green elimination measurement may detect surgical complications following major liver resection. Preliminary results  
Alarcon L., Bono P., Narvaez J., Perez J.M., Olmedilla L., Duque P.

13AP11-2  Potential relationship between postoperative indocyanine green elimination measurement and coagulation profile in patients undergoing major liver surgery. Preliminary results  
Alarcon L., Narvaez J., Bono P., Olmedilla L., Perez J.M., Duque P.

13AP11-3  In-hospital and one-year mortality of patients in intensive care unit with liver cirrhosis: a nationwide population-based cohort study  
Lin Y.-C., Chen T.-L.

13AP11-4  Standardised mortality by post-operative location in the National Emergency Laparotomy Audit  
Cohen M., Shaw C.P., Martins N., Bentley M.R., Margarson M.P.

13AP11-5  Diagnostic challenges in a case of hepatic abscess with Actinomyces odontolyticus and Streptococcus intermedius  
Avram O., Oancea I., Macovel R.A., Coldea L., Ilie M.

13AP11-6  Sodium nitrite attenuates hepatic ischemia reperfusion injury in rats  
Choi E.K., Park S.H., Lim D.G.

13AP11-7  Direct current pontial level in prediction of intraabdominal hypertension in patients with acute colonic obstruction  
Zabolotskikh I., Musaeva T., Stakanov A.

13AP11-8  A case report on a patient presenting with syncope caused by huge hiatal hernia  
Kazazi E., Sallu R., Paci J., Dautaj B., Bulku E., Saraci B.

13AP11-9  Polymixin B hemoperfusion in patients with abdominal sepsis shock: clinical impact  
Terradillos E., Duque P., Zaballos M., Fernandez-Quero L., Cruz-Conde M.C., Igual A.

13AP11-10  Predictability of vasopressor usage after liver transplantation  
Gunt C., çekmen N.

13AP11-11  Postoperative respiratory failure in esophageal surgery  
Prieto Sánchez A., Polo Martínez S., Marin Posada P.A., Ferrandis Comes R., Vicente Guillén R., Argente Navarro P.
Clinical scenarios 2

Chairs:
Ioana Grigorias (Romania)*
Teresa Marie Wong (Singapore)

14AP09-1
Apixaban in the perioperative period

14AP09-2
Vasospastic angina in the same patient in two different surgical occasions
Ferreira P., Guedes A., Almeida C., Assunção J.P.

14AP09-3
Anesthesia in Brugada syndrome: problems and pitfalls case series
Alves P., Hipólitó C., Rodrigues A., Alves J.

14AP09-4
Internal carotid artery dissection after laparoscopic surgery
Martín-Mateos E.¹, Gómez-Ríos M.Á.¹, Casans Francés R.², Freire-Vila E.¹

14AP09-5
Perioperative fatal cerebrovascular accident after radical prostatectomy
Cristelo D., Azevedo B., Pina M.F.

14AP09-6
New approaches in peripheral venous catheterization: JLB®, a new catheter for large veins
Nicolini M.¹, Bertellini E.¹, Mori F.², Scarabottini S.², Barchetti M.², Brugioni L.⁴

14AP09-7
Comparison of systemic vascular resistance index and aortic augmentation index under anaesthesia in patients undergoing laparoscopic surgery – a pilot study
Öveges N.¹, László I.¹, Szabó Z.¹, Rudas L.¹, Illyés M.², Molnár Z.¹

14AP09-8
Extrapericardial tamponade due to gastric dilatation: role of bedside focused cardiac ultrasound
Caballero M.¹, Vives M.²

14AP09-9
Perioperative management of a patient with carnitine palmitoyltransferase 2 deficiency
Máximo M., Pereira M.

14AP09-10
Carboxythoracs at video-assisted thoracoscopy in patients with penetrating wounds of the chest
Volchkov V.¹, Kundius U.¹, Boyarkin A.¹, Volchkova E.², Nefedov A.²

14AP09-11
Audit on coagulation testing for American Society of Anesthesiologists (ASA) class 1 patients for emergency surgery
Wong T.M., Yeo S.H.L., Koh K.F.

14AP09-12
Perioperative transfusion predicts poor prognosis after hepatectomy for colorectal metastases
Zavridis P.¹, Tsitskari M.², Petrou A.³, Neofytou K.⁴
A cost-effective way to monitor for ophthalmic complications during prone surgery
Roberts T., Burckett St Laurent D.

Capnography improves ‘respiratory’ safety of obese patients after abdominal surgery
Vorotyntsev S.¹, Latyshev P.²

Does geography matter: meta-analysis of patient safety during procedural sedation with and without capnography

EEG monitoring during anesthesia of a patient under the influence of cocaine
Lopes C.G.¹, Nunes R.R.², Cavalcante S.L.F.², Fernandes M.B.C.², Nascimento J.C.R.², Ribeiro K.G.²

Monitor sedline: is it effective to monitor intraoperative awareness?
García Fernandez E.¹, Davila Arango N.A.², Rubio Babiano P.², Ruiz Chirosa M.C.², Rios Llorente A.², Vaquero Roncero L.M.²

Sonographic gastric volume and risk factors for full stomach in emergency surgery: an observational study
Delamarre L., Brunel E., Conil J.-M., Fourcade O., Minville V.

Tachypnea detected by an acoustic respiratory rate monitor is a predictor of the occurrence of oxygen desaturation
Saad M., Bourgain J.-L., Billard V.

Ultrasonographic optic nerve sheath diameter for predicting elevated intracranial pressure during laparoscopic surgeries: a systematic review and meta-analysis
Seo J.H., Kim E.J., Choi S.H.

Wireless and cuffless monitoring of blood pressure in the operating room: the role of optical beat-to-beat technology
Degiorgis Y.¹, Solà J.², Braun F.², Pierrel N.², Verjus C.², Schoettker P.¹

Sufentanil sublingual tablet system for postoperative pain control in fast-track total knee arthroplasty
Balcaen M.¹, Thienpont E.¹, France M.-N.¹, Dupont C.¹, Lavand’homme P.¹

Use of non-opioid adjuvant analgesics for colo-rectal surgery
Patel S.¹, Robertson B.²

Use of non-opioid analgesics and dipyrone / metamizole: data from clinical practice
Reist L.¹, Erlenwein J.², Stüber F.¹, Stamer U.M.¹

Improving postoperative pain management after major abdominal surgery
Zabolotskikh I., Musaeva T., Makarenko V.

Oxycodone vs. fentanyl for Intravenous patient-controlled analgesia after laparoscopic gynecological surgery
Kim N.S.
Patient Controlled Analgesia with morphine for treatment of burn injury pain: higher bolus doses and higher lockout time vs lower bolus doses and lower lockout time. There is a difference
Ferreira C., Rego S., Marques M., Tourais I., Almeida V., Gomes P.

Patient-controlled epidural analgesia: analysis of efficacy and complications in surgical oncology patients
Sousa Correia J., Nunes Ferreira M., Afonso A., Gacio M.

PCA morphine for acute pain management after laparoscopic hysterectomy — is it essential?
Hoskote H., Ijaz N., Srikantarahaj I.

Perioperative intravenous ketamine for acute postoperative pain management in adult cancer patients undergoing solid tumor resection: a systematic review and metaanalysis
Bolivar-Trujillo M., Escobar B.

Postoperative analgesia in bariatric surgery: effect of pre-incisional single dose ketamine
Karbonskiene A., Kaspuityte G.

GENERAL ANAESTHESIOLOGY
Learning Track 1

Monday, 5 June 2017
12:00 – 13:30

Kidney, renal, liver

Chairs:
Jaap Jan Vos (Netherlands)
Aurimas Peckauskas (Lithuania)

A sudden increase in delayed graft function in living donor kidney transplantation and a changed peroperative fluid regimen
Nieuwenhuis-Moeke G.J.¹, Huijnk T.M.², Pol R.A.³, El Moumni M.², Struys M.M.¹, Berger S.P.¹

Comparison of Acute Kidney Injury between open and Laparoscopic pylorus-preserving pancreaticoduodenectomy: propensity score analysis

Mean arterial pressure and central venous pressure difference as a prognostic tool for postoperative acute kidney injury
Spadaro S., Fogagnolo A., Moro F., Fanni A., Dalla Corte F., Volta C.A.

Perioperative dexmedetomidine improves outcomes of kidney transplant
Chen J.¹, Ji F.², Li Z.³, Liu H.¹

Does intraoperative administration of norepinephrine affect postoperative renal function in patients undergoing major abdominopelvic surgery? Results of a retrospective analysis
Furrer M.A.¹, Löffel L.², Fellmann A.², Burkhard F.C.¹, Wuethrich P.²

Serum arterial lactate and outcome in hepatic resection surgery: propofol vs sevoflurane
Barrio Perez I.M., Olmedilla L., Diaz Ruano S., Cruz Pardos P., Zapatero S., Perez Peña J.

Effects of N-acetylcysteine on neutrophils activity during ischemia/reperfusion injury in hepatectomies
Cacho-Asenjo E., Chiquito M.T., Martinez-Molina J., Honorato-Cia C., Monedero P., Martinez-Simon A.

Impact of anaesthesia on albumin kinetics during major abdominal surgery
Peckauskas A., Jovaisa T., Traskaite V., Stankunaite J., Trepenaitis D., Macas A.
Preload-related parameters and transfusion rate during liver surgery
Hernández I., Olmedilla L., Lisbona C.J., Barrio I.M., Blanco J., Pérez-Peña J.M.

The effects of preoperative use of terlipressin in patients undergoing liver resections
Khoronenko V., Varvarin V., Baskakov D., Mandryka E., Malanova A.

**PAEDIATRIC ANAESTHESIOLOGY**

**Learning Track 5**

**05AP06**

**Abstract**

**Presentation**

**Session**

**Monday, 5 June 2017**

**12:00 – 13:30**

**Monitoring in paediatric anaesthesia**

**Poster e-Board**

**2**

**Chairs:**

Laszlo Vutskits (Switzerland)
Susanne Koch (Germany)

05AP06-1

Near-infrared spectroscopy (NIRS) in a piglet model: readings are influenced by the colour of the cover
Clausen N.G., Spielmann N., Weiss M., Ringer S.K.

05AP06-2

The application of electrical impedance tomography (eit) technology in detecting lung inhomogeneity in neonates and small infants during mechanical ventilation in theatre
Marchesini V., Corlette S., Sheppard S., Davidson A., Tingay D.

05AP06-3

Diagnostic accuracy of abdominal compression for predicting fluid responsiveness in children
Jacquet-Lagrèze M., Tiberghien N., Baudin F., Lilot M., Javouhey E., Fellahi J.-L.

05AP06-4

Effect of entropy guided low flow desflurane anaesthesia on laryngeal mask airway removal time in children undergoing elective ophthalmic surgery - a prospective, randomized, comparative study

05AP06-5

Comparison of CO₂ measurement using a modified CO₂/O₂ Guedel Airway with a CO₂/O₂ nasal cannula without and with oxygen supply in an infant manikin

05AP06-8

Lung ultrasound for the assessment of lung recruitment in pediatric patients during laparoscopic surgery. A randomized, controlled trial
Acosta C.M., Tusman G., Sara T., Ricci L., Molinari D.

05AP06-9

Benefit of perioperative lung ultrasound in pediatric patients undergoing cardiac surgery: a randomized, controlled trial

05AP06-10

A change of anesthesia circuit reduces the concentration of waste anesthetic gases below cut-off values
Verbeke N., Jamaer L., Ory J.-P., Stessel B., Herbots J., Dubois J.

05AP06-11

Incidence of epileptiform activity in the electroencephalogram in children during anesthesia induction with Propofol or Sevoflurane and correlation to postoperative emergence delirium
Koch S., Rupp L., Prager C., Kramer S., Krebs M., Spies C., Evjenia Toubekis

**REGIONAL ANAESTHESIA**

**Learning Track 3**

**03AP09**

**Abstract**

**Presentation**

**Session**

**Monday, 5 June 2017**

**12:00 – 13:30**

**Material**

**Poster e-Board**

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03AP09-1 Comparison of four epidural puncture training devices – which is best to feel the “Loss of Resistance”?
Pedersen T.H., Seidl C., Meuli J., Kleine-Brueggeney M., Theiler L., Greif R.

03AP09-2 Syringe sizes and injection techniques in regional anaesthesia - Does it really matter?
Al-Ani T., Staber M.

03AP09-3 Intelligent epidural needle placement by fiber-probe OCT
Ting C.-K., Kuo W.-C., Kao M.-C.

03AP09-4 A pilot study to investigate effects of haptic feedback training on injection pressure during simulated regional anaesthesia
Williams D.J., Ford S.M., Kyriazis D.

03AP09-6 Ultrasound for intrathecal injections in pediatric patients with severe scoliosis: isolated use or common practice?
Garcia B., Reinoso F., Fernández E., Huercio I., Martínez M.

03AP09-7 An original miniature automated ultrasound-based system for spinal anesthesia against usual sonography: preliminary case-series
Van Hecke D., Pandin P., Naik H., Estruch I., Van Obbergh L.

03AP09-9 Epidural catheter breakage during insertion; a cause of failed epidural?
Panteleou K., Serchan P., Tzima M., Zaimi D., Katsanoulas K., Katsika E.

TRANSFUSION, HAEMOSTASIS AND THROMBOSIS
Learning Track 17

12AP05-1 Massive transfusion protocol in a tertiary university hospital. Is it followed by surgeons, anesthesiologists and other medical specialists?
Guirao Monreal M.Á., Guasch Arévalo E., Gilsanz Rodríguez F.

12AP05-3 Optimized management of transfusion of hemocomponents in a pediatric surgical block
Pérez Ferrer A., Viejo Llorente A., Latorre J.

12AP05-4 Effects of balanced crystalloids and colloids on haemostasis: in vitro assessment
Krzych Ł., Czempik P.

12AP05-5 Prevention of disorders of blood coagulation at the patients after total hysterectomy
Tarabrin O., Mazurenko A., Tarabrin P., Sazhyn D., Volodychev D.

12AP05-6 Observational study to assess the safety and clinical effectiveness of the Hospital Universitario de Canarias massive transfusion protocol: a pilot design studio

12AP05-7 New proposal for the treatment of asymptomatic patients with acquired factor V deficiency
Mikulandra S., Stambolija V., Zupancic Salek S., Gornik I., Gasparevic V., Zadro R.

12AP05-8 Frozen platelets use in military environment. An alternative in civilian hospitals?
Clinical report and Spanish Military Medical Corps experience in Afghanistan
Anaesthetic management of a patient with a pituitary tumour and combined deficiency of factor VII and IX: controversies of a clinical case
Oliveira M.I., Caria T., Neto M., Reis A.T.
11AP07-2  Protective mechanical ventilation and risk of postoperative complications in abdominal surgery  
Haddad F., Kamoun S., Ben Souissi A., Fareh K., Arfaoui H., Mebazaa M.S.

11AP07-3  A nomogram to calculate tidal volumes for ventilation of adult patients with Acute Respiratory Distress Syndrome (ARDS)  
Williams D.J.1, Walker J.D.2

11AP07-4  Accuracy of the pulse oximetry-derived respiratory rate determination during positive pressure ventilation  
Noji Y., Murakawa M., Ebana H., Hakoaki T., Obara S., Isosu T.

11AP07-5  Cardiorespiratory effects of a stepwise tidal volume increase versus maximal pressure controlled lung recruitment during general anesthesia in pigs: a comparison of the PROVHILO and iPROVE study recruitment maneuvers  
Bluth T.1, Herold J.1, Huhle R.1, Kiss T.1, Vivona L.1, Gama de Abreu M.1

11AP07-6  Individualized lung recruitment maneuver guide by pulse-oximetry in anesthetized non-obese patients undergoing laparoscopy  
Villena A.1, Jurado Pulgar A.2, Carrizo Sanchez J.2, Duca A.2, Soro M.2, Ferrando Ortolá C.2

11AP07-7  Monitoring of alveolar recruitment maneuvers using the Oxygen Reserve Index in the prevention of atelectasis formation in postoperative patients undergoing major surgery. Pilot, observational study  
Serralta F.1, Puig J.2, Gutierrez A.1, Ferrando C.1, Belda F.1, Soro M.1

11AP07-8  Separate assessment of dependent and non-dependent lung regions by forced oscillation technique in a porcine model  
Balogh A.L.1, Sudy R.1, Fodor G.H.2, Tolnai J.1, Petak F.2, Babik B.1

11AP07-9  The effect of high positive-end expiratory pressure on elastance of respiratory system and ventilation distribution during robot-assisted laparoscopic radical prostatectomy  
Shono A., Katayama N., Aoyama Y., Ozasa H., Nikai T., Yoji S.

11AP07-10  The relation between intra-abdominal pressure and driving pressure is linear – the ‘Individualized Pneumoperitoneum Pressure in Colorectal Laparoscopic Surgery (IPPCollapse-I)” trial  
Mazzinari G.1, Diaz Cambronerto O.2, Vila Montafles M.2, Garcia Gregorio N.2, Schultz M.J.3, Errando Oyonarte C.L.4

11AP07-11  The role of endogenous cannabinoid metabolism pathway in fatty acid amide hydrolase inhibitor ameliorating one-lung ventilation induced lung injury in rabbits  
Wang R.1, Yin H.2

INTENSIVE CARE MEDICINE
Learning Track 11

13AP12  Sepsis & infection 3

Monday, 5 June 2017  
12:00 – 13:30

Screening of methicillin-resistant Staphylococcus aureus colonization at the admission: general surgical versus gynecological intensive care unit  
Reiner K., Ljlljana M., Fuduric S., Mihaljevic S.

Effect of synoviolin signal transduction for Sepsis-associated encephalopathy  
Ishida Y.1, Uoshima N.1, Chijiwa M.1, Fujita H.2, Nakajima T.2, Uchino H.1

Infections related to central venous catheters: which germs and what profile of resistance?  
Ezzouine H., El Ammari I., Jerrari A., Benslama A.
PERIOPERATIVE MEDICINE
Learning Track 8

14AP10-1
Effect of lidocaine and substance P on migration and proliferation "in vitro" of human adipose derived stem cells (HascS) and breast cancer cells (mda-mb-231)
Cassinello F.1, Moris L.2, López Pérez V.2, Olmedillas S.3, Villagrasa A.3, García Arranz M.3

14AP10-2
A randomised controlled trial comparing perioperative intravenous insulin, GIK or GLP-1 treatment in patients with diabetes – PILGRIM trial
Hermanides J.1, Polderman J.1, Godfried M.2, Thiel B.2, van Steen S.1, Preckel B.1

14AP10-3
Current perioperative management of antiplatelet use in patients undergoing elective non-cardiac surgery in a university hospital
Ikeda M.1, Sakimura S.1, Hoka S.2

14AP10-4
TAP block is useful in laparoscopic bowel surgery

14AP10-5
Antiemetic efficacy comparison of dexmedetomidine versus dexmedetomidine-dexamethasone in highly-susceptible patients: a prospective randomized placebo-controlled study
Kwak H.J.1, Choi J.J.1, Jo Y.Y.1, Kim Y.B.1, Kim J.Y.2

14AP10-6
Dose-ranging study of ramosetron for the prevention of nausea and vomiting after gynecologic laparoscopic surgery: a prospective randomized study
Sun-Joon B., Jin Woo J.

14AP10-7
Logistic regression predicts generalized sedation as well as response surface models for midazolam and alfentanil sedation in gastrointestinal endoscopy
Liou J.Y., Ting C.K., Lin S.P., Tsou M.Y.

14AP10-8
The effect of aprepitant combined with palonosetron for the prevention of postoperative nausea and vomiting in women patients using intravenous patient-controlled analgesia: aprepitant plus palonosetron vs palonosetron alone
Kim S.J., Yoo J.H., Cho A.

14AP10-9
Comparison of Peripherally Inserted Central Venous Catheter (PICC) versus Central Venous Catheter (CVC) – a consecutive selection study
Hubrich M., Lundholm K., Nygg R., Lindgren S., Engström C.
### Patient Safety in Ventilatory and Airway Management

**16AP07-1**
**A novel algorithm to predict desaturation in sedated patients with obstructive sleep apnea**
Hou S.-Y.¹, Wu S.-C.², Chiang M.-H.²

**16AP07-2**
**A novel nasal PAP mask assembly maintained spontaneous ventilation and oxygenation in a high-risk patient during ERCP in swimmer position**
Tse J., Milask T., Barsoum S., Sison R.

**16AP07-3**
**Airway management complications by trainees in a tertiary university hospital ICU**
Maiche S., Farfía González T.F., García González I., Velasco Lopez E., Ortuño Andériz F., Sanchez Garcia M.

**16AP07-4**
**Audit of using El-Ganzouri prognosis scale for difficult airway assessment in obese patients**
Malakhova A., Klimov A., Kamnev S., Subbotin V.

**16AP07-5**
**Management of the difficult airway: an updated closed claims analysis**
Domino K.B.¹, Joffe A.M.¹, Aziz M.F.², Posner K.L.²

**16AP07-6**
**Usefulness of thyromental height - TMH as an isolated predictor of difficult intubation**
Borrero-Trujillo M.

**16AP07-7**
**Frequency of low minute ventilation events as indication of post-operative respiratory depression**
Alparslan T.¹, Wael S.¹, Harvey B.², Chang C.¹, Hovasepyan K.¹

**16AP07-8**
**Tailored optimisation of airway management strategies improves patient safety**
Pedersen T.H.¹, Theiler L.¹, Kleine-Brueggeney M.², Riggenbach C.¹, Greif R.¹

**16AP07-9**
**Tension pneumothorax during foreign body retrieval: experiences with 2 cases**
Xu Z., Jinhong W., Yuexin Z., Weixing L.

**16AP07-10**
**Boerhaave’s syndrome - early diagnosis is the key**
Tumkur Nagendra G.¹, Ghosh S.²

**16AP07-11**
**Respiratory failure caused by postoperative hypothermia in elderly patient with pituitary dwarfism after urgent surgery**
Đurđević Svraka A.¹, Svraka D.¹, Gasevic Kasagić M.¹

**16AP07-12**
**Increased incidences of post-anesthesia care unit (PACU) overstay and postoperative subcutaneous emphysema (SE) in transoral vestibular endoscopic thyroidectomy (TVET): an audit report**

### Improving Learning through Simulation, Training and Feedback

**17AP02-1**
**Improving learning through simulation, training and feedback**

**17AP02-2**
**A novel algorithm to predict desaturation in sedated patients with obstructive sleep apnea**
Hou S.-Y.¹, Wu S.-C.², Chiang M.-H.²

**17AP02-3**
**A novel nasal PAP mask assembly maintained spontaneous ventilation and oxygenation in a high-risk patient during ERCP in swimmer position**
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**17AP02-10**
**Tension pneumothorax during foreign body retrieval: experiences with 2 cases**
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Tumkur Nagendra G.¹, Ghosh S.²

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**Respiratory failure caused by postoperative hypothermia in elderly patient with pituitary dwarfism after urgent surgery**
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**17AP02-13**
**Increased incidences of post-anesthesia care unit (PACU) overstay and postoperative subcutaneous emphysema (SE) in transoral vestibular endoscopic thyroidectomy (TVET): an audit report**
Chairs:
Antoine Baumann (France)
Sylvain Boet (Canada)

17AP02-1 3D screen-based simulation: a journey in transforming continuing education in anesthesiology
Lepkowski E.1, Michelotti M.1, Fried H.2, Levine B.3

17AP02-2 Challenges of regional anaesthesia training: a prospective audit in a teaching orthopaedic hospital
Ayub K., Mann T., Mould M., Marfin A., Popat M., Galitzine S.

17AP02-3 Comparison of learning process between simulation and problem-based method in difficult airway management workshop
Apidechakul P., Vichitvejpaisal P.

17AP02-4 DIY model for cricothyroidotomy
Marimuthu M., Stevens J., Hodzovic I., Subash F.

17AP02-5 Effect of audit and feedback on physicians’ intraoperative temperature management and patient outcomes: a three-arm cluster randomized controlled trial comparing benchmarked and ranked feedback
Boet S.1, Bryson G.1, Monica T.2, McIsaac D.1, Mohammed K.1, Grimshaw J.1, Canadian Perioperative Anesthesia Clinical Trials Group

17AP02-6 Follow-up survey of anesthesiologists attending a trauma course in Spain
Duque P.1, Varela J.A.1, Terradillos E.1, Piñeiro P.1, Turegano F.2, Perez Diaz D.2

17AP02-7 How realistic are low cost, low fidelity bronchoscop y simulators?

17AP02-9 The myths and realities of a trauma resuscitation education: the voices of active European Trauma Course (ETC) instructors
Hüpfl M.1, Trummer F.2, Lulic D.3, Deixler A.2, Kalan Ustar K.2, Lulic I.2

17AP02-10 Training in basic hand-held echocardiography for the critical care: not such a difficult task
Belamaric Z., Nagore D., Jimeno J.P., Bilbao A., Garth T., Harky A.

17AP02-11 A European and global perspective on airway management education and assessment. Results from the World Airway Management Meeting Questionnaire
Armstrong L.1, Critchley J.1, Harding F.2, McNarry A.2

17AP02-12 Structured assessment of anesthesiologists’ non-technical skills in a simulated setting
Jeppen R.M.1, Gjeraa K.1, Dieckmann P.1, Ringsted C.1, Østergaard D.1

GENERAL ANAESTHESIOLOGY
Learning Track 1

01AP16-3 Cerebral desaturation does not predict postoperative cognitive dysfunction in patients undergoing major shoulder surgery in the beach chair position
LeJeune M.1, Jacobs T.1, De Wilde L.2, Vingerhoets G.3, De Hert S.1

01AP16-4 Effects of desflurane exposure on hippocampal learning
Asakura A.1, Uchimoto K.2, Inagawa G.3, Goto T.1
Down-regulation of clock genes expression in the suprachiasmatic nuclei (SCN) after short-term propofol anesthesia
Ben-Hamouda N.1, Poirel V.-J.2, Dispersyn G.1, Pévet P.2, Challet E.1, Pain L.4

Alpha band connectivity of the frontal EEG associates with consciousness during target controlled infusion of dexmedetomidine and propofol in healthy subjects
Scheinin H.1, Scheinin A.2, Kallionpää R.3, Rajala V.2, Valli K.3, Li D.4

A closer look on neural inertia during anesthesia with different drug combinations in a controlled step-up/step-down design in humans
Kuizenga M.H.*1, Colin P.J., Vereecke H.E.M., Struys M.M.R.F.

General anesthesia induces a reduction of cortical inhibitory interneuron activity in vivo
Hayes S., Cichon J., Yang G.

Effect of remifentanil on seizure duration and patient experience in electroconvulsive therapy
Garth T., Nagore D., Jimeno J.P., Bilbao A., Belamaric Z.

Perioperative medicine in paediatric anaesthesia

Chairs:
Nicola Disma (United Kingdom)
Ismael Acevedo Bambaren (Spain)

Characteristics of infants and very young children undergoing anaesthesia in Danish hospitals 2005-2015
Lohse N.1, Afshari A.2, Lundstrøm L.H.1, Strøm C.1

Characteristics of children age 2 to 17 years undergoing anaesthesia in Danish hospitals 2005-2015
Stroem C.1, Afshari A.2, Lundstrøm L.3, Lohse N.4

Current practice of preoperative fasting for pediatric day case surgery in a tertiary care university hospital in Egypt
Nassar H., Fawzy M., El-Hadi H., Al-Hakami M.

Evolution of Respiratory tests in Children with Idiopathic Scoliosis Corrected by Posterior Approach
Acevedo Bambaren I.1, Domínguez F.1, Burgos J.1, Martin J.1

Effect of transportation method on preoperative anxiety in children
Jeong S., Lee H.G., Chung S.S., Choi J.I., Kwak S.H., Bae H.B.

Postoperative recovery characteristics: PAED score, PONV score, recovery scale (Steward and Aldrete scale) with TIVA with propofol versus inhalation anesthesia with sevoflurane for adenotonsillectomy in children
Stojanović Stipić S.1, Bajic Z.2

Pediatric emergence delirium and early postoperative negative behavior within two weeks after adenotomy
Ghamari S.1, Houben A.1, Fischer A.2, Baehner T.1, Hoeft A.1, Ellerkmann R.K.1

Efficacy of wafting solutions during transport to the paediatric PACU
Barends C.1, Yavuz P.2, Molenbuur B.1, Absalom A.2
Assessment of postoperative management in patient with osa after tonsillectomy
Garcia Fernandez E., Rios Llorente A., Ruiz Chirosa M.C., Pasqual Lorenzo M.J., Rodriguez M., Morales C.

Outcome after postoperative chylothorax in pediatric cardiac surgery patients, a long term follow-up
Róth G.1, Czobor N.R.2, Holndonner-Kirst E.2, Ablonczy L.1, Sápi E.1, Székely A.4

REGIONAL ANAESTHESIA
Learning Track 3

AP 03AP10 Abstract Presentation Session
Monday, 5 June 2017 13:45 – 15:15

Miscellaneous

Chairs:
Andreas Burgi (Switzerland)
Cirilo Haddad Silveira (Brazil)

03AP10-1
Chest wall rigidity associated with use of subarachnoid sufentanil and sedation with fentanyl
Haddad Silveira C., Mateus Marcelino Serzedo P.S., Barbin Zuccolotto E., Helfenstein E.

03AP10-2
Continued intercostal Branches Block in MidAxillary Line (BRILMA) as pain control technique for unilateral and severe thoracic trauma patients with non-invasive mechanical ventilation
Gomez Martin A.1, García González N.2, Gutiérrez González C.2, Álvarez Arias C.2, González Humbreiro J.A.3, Posada Mesa L.F.1

03AP10-3
The analgesic efficacy of intravenous regional anesthesia (IVRA) with a forearm versus conventional upper arm tourniquet: a systematic review
Dekoninck V.1, Hoydonckx Y.1, Dubois J.1, Ory J.-P.1, Jamaer L.1, Stessel B.1

03AP10-5
Postoperative analgesia requirements after propofol anaesthesia with intercostal nerve block versus sevofluorane and opioids for breast cancer surgery
Lopez V., Cassinello F., Moris L., Aravelo J., Vasquez M., Muñoz L.

03AP10-6
Scalp Nerve Block Using Lidocaine or Levobupivacaine Both Provide Good Hemodynamic Control during the Cranial Fixation of Cervical Spine Surgery
Cheng H.-L.

03AP10-7
Peribulbar block for corneal transplantation: efficacy and safety
Xavier J., Gonçalves G., Sa J., Ferreira L., Cavaleiro C., Machado H.

03AP10-8
Peribulbar block with akinesia: how to do it?
Martins P., Amorim J., Carvalho A.P., Guerreiro L., Carneiro J., Resende A.

03AP10-9
Anesthetic management of the patient with laryngeal hyperresponsiveness

03AP10-10
Ultrasound peripheral nerve blocks in carpal tunnel syndrome surgery in hemodialysis
Djennane A.1, Harkat S.1, Merdj S.1, Boutaarout I.1, Boudjouraf N.2, Grainat N.3

AMBULATORY ANAESTHESIA
Learning Track 2

AP 02AP03 Abstract Presentation Session
Monday, 5 June 2017 13:45 – 15:15

Ambulatory anaesthesia 3
A novel nasal PAP mask assembly maintained spontaneous ventilation and improved oxygenation in an obese patient with OSA, difficult airway, asthma and tracheal stenosis under MAC during ambulatory OGD

Tse J., Udodi N., Barsoum S., Sison R.

Anxiety -The Untreated component of perioperative management: an audit of quality of recovery in ocular oncology patients

Johnston J.¹, Sethuraman D.², Sidaras G.²

Can Total Joint Replacements (TJA) be performed safely in free standing ambulatory surgical centers?

Cuff G.¹, Kingery M.¹, Bosco J.²

Comparison between dexmedetomidine and propofol in development of paradoxical excitement response during sedation for knee joint surgery under spinal anesthesia

Yang J.¹, Chung S.-S.¹, Jeong S.¹, Lee H.G.², Choi J.I.²

Comparison of Supreme™ and I-gel™ laryngeal mask airway for day-case surgery in prone position

Soliveres J.¹, Aleixandre F.², Docampo C.², Balaguer J.², Puchol J.², Sánchez A.²

Efficacy of analgesia nociception index monitoring for procedural sedation and analgesia in adult patients

Soral M.², Tore Altun G.², Corman Dincer P.², Arslantaş M.K.², Aykac Z.²

Evaluating criteria for surgery at free standing ambulatory surgery centers

Cuff G.¹, Kendale S.¹, Slow M.², Bosco J.²

Evaluation of respiratory volume monitoring in procedural sedation

Freeman J.*, Mathews D.², Oberding M.², Simmons E.², O'Donnell S.², Abnet K.²

Evaluating criteria for surgery at free standing ambulatory surgery centers

Cuff G.¹, Kendale S.¹, Slow M.², Bosco J.²

Failed propofol sedation in a patient with somniloquy – a case report

Dziadzko M., Zekri M.-L., Rouhana K., Macabeo C., Aubrun F.
Ultrasound-based quantification of submandibular space compliance as predictor for difficult intubation. A prospective observational preliminary study
Petrișor C., Szabo R., Constantinescu C., Prie A., Trancă S., Hagău N.

Using temporomandibular joint mobility to predict difficult tracheal intubation
Hekimoglu Sahin S.¹, Yılmaz A.², Gunday I.², Kargi M.⁴, Sut N.¹, Taşkınlı O.²

Refractory airway hyperresponsiveness controlled with upper airway blocks during general anesthesia – a case report
Costa-Martins I.¹, Carreiro J.¹, Neto M.¹, Gilberto N.²

INTENSIVE CARE MEDICINE
Learning Track 11

13AP13-1
Abnormal oropharyngeal tract flora on admittance to hospital or ICU facility, an early predictor of nosocomial pneumonia in both ward and critically ill patients. A clinical observational study
Tranberg A., Thorarinsdottir H., Klarin B.

13AP13-2
An increasing in vitro antimicrobial resistance of pseudomonas aeruginosa strains isolated in patients in the ICU during the past 2 years
Margaritis A.¹, Zotos N.², Bolosi M.¹, Tatsina E.², Ygropoulou O.¹, Mousafiri O.¹

13AP13-3
Histamine has a contributory role in promoting organ injury in sepsis: experimental studies using knockout mice of histamine-related genes
Hattori M.¹, Shinoda M.¹, Ohashi W.², Hattori Y.², Yamazaki M.¹

13AP13-4
Bacteria with multiresistance in Peritonitis, and its relation with comorbidity and stay in our critical care unit
Varela Durán M., Díaz Parada P., González Vilar Á., Valero Gómez M., Rey Carlin R., Carro Roibal Á.

13AP13-5
Sepsis-3: qSOFA and SIRS in clinical practice
Kogelmann K., Drüner M., Scheller M.

13AP13-6
Urotensin II system as a potential therapeutic target in septic shock: human and experimental studies
Clavier T.¹, Besnier E.¹, Desrues L.², Tamion F.³, Compère V.¹, Castel H.²

13AP13-7
Hospital associated bacteremia in two Tunisian intensive care units
Nakhli M.S., Kahloul M., Chakroun A., Harrathi M.A., Mhamdi S.

13AP13-8
Micafungin compared to Fluconazole for prophylaxis in high risk live donor liver transplants. A randomized controlled trial
Youssef M.¹, Kamel Y.², Mohamed E.¹, Abdelaziz A.², Yassen K.³

PATIENT SAFETY
Learning Track 14

16AP08-9
Checklists and cognitive aids

Monday, 5 June 2017
13:45 – 15:15
Chairs:
Jan Hendrickx (Belgium)
Carlos Ferrero-Coloma (Spain)

16AP08-1
Feelings of pressure among operating room professionals when using the WHO safe surgery checklist
Swinnen W.¹, De Meirsman S.¹, Bogaert S.¹, Pannier E.¹, Bergs J.², Blot S.³

16AP08-2
Handover checklist: improving surgical patient safety
Chamorro García E., Portas González M., Cabrerizo Torrente P., Tisner Madrid M., Romera Rabasa A., González García C.

16AP08-3
The original WHO safe surgery checklist: are all items appropriate?
Bogaert S.¹, De Meirsman S.², Pannier E.³, Blot S.⁴, Bergs J.⁵, Swinnen W.⁶

16AP08-4
Utilizing checklists to improve handoff in the Post Anesthesia Care Unit (PACU)
Tollinche L.

16AP08-5
Creating cognitive aids for crisis situations in smartphone platforms: ‘anestcritic’ and our experience
Ferrero-Coloma C.¹, Cuesta-Montero P.², Carrió-Font M.³, Navarro-Martínez J.A.¹, Puertas-González L.A.⁴

16AP08-6
Improving safety of emergency out-of-theatre intubations in an acute NHS Trust using stakeholder engagement in the development of an intubation checklist
Ralhan V.¹, Sadeghi P.¹, Shanmugasundaram P.¹, Choudhury M.²

16AP08-7
Patient discomfort caused by pre-induction checklists?
Nabecker S., Pedersen T., Theiler L., Riggenbach C., Plazikowski E., Greif R.

ACUTE PAIN MANAGEMENT
Learning Track 9

AP 08AP07 Abstract Presentation Session

Monday, 5 June 2017
13:45 – 15:15

Acute postoperative pain: from basic science to clinics

Chairs:
Johan Raeder (Norway)
Eleni Koraki (Greece)

08AP07-1
Personal factors of symptom formation of anxiety and depression in patients with degenerative-dystrophic changes in patients with radicular pain syndrome
Gnezdilov A.¹, Yakovlev R.¹, Dolbneva E.¹, Krukov S.¹, Samoylova N.¹

08AP07-2
Acute Pain Service (APS): Population analysis and analgesic modalities used - one-year audit
Freitas Silva R., Resendes H., Lima C., Cabral T., Borges J., Simas J.

08AP07-3
The safety profile of Penthrox® treatment for emergency relief of moderate to severe pain: an examination of over 30 years of post-authorisation safety data
Middleton P.¹, Coffey F.², Hopp M.¹, Dickerson S.³, Cooper A.³

08AP07-4
Intrathecal morphine reduces immediate pain after lumbar arthrodesis
Kamga H.¹, Lucas F.², Dudoit T.², Delassus R.¹, Gakuba C.¹, Emery E.², Hanouz J.L.¹

08AP07-6
Experimental study: a comparison of analgesic effect in a rat model of acute pain treated with either paracetamol or morphine
Roumelloti C.¹, Panagopoulos N.², Pagalidou E.³, Damigos D.⁴

08AP07-7
Analgesic and antiinflammatory effects of preoperative and postoperative application of cannabinoid CB2 agonist (R,S)-AM1241 in a rat model of incisional pain
Stachtari C., Koraki E.¹, Arapidou M., Katsanevaki A., Zarzava E., Trikoupi A.

08AP07-8
Use of sublingual fentanyl in postoperative pain management
Bakalaki V.¹, Papaioannou E.², Kavezou F.¹, Bartz K.¹, Tsinari K.¹, Lambadariou A.¹