



BeSARPP Graduation Day

18 June 2022



Programme

UCLouvain Brussels

BeSARPP 2022 Board

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Welcome Address

Dear Colleagues,

The Belgian Society of Anesthesia and Resuscitation welcomes you to the **2022 Graduation Day** on **Saturday, 18 June**.

The BeSARPP, the society that promotes Anesthesiology as a medical science, organises this day to honour the enthusiasm and commitment of the residents before and during their residency.

On behalf of the BeSARPP board members, we wish you an enjoyable and interesting Graduation Day.

The BeSARPP Board



08.15 Welcome Coffee and registration

Programme - Best Masterworks

Room A

Chair: Vera Saldien
Jury: Philippe Dubois, Vera Saldien, An Schrijvers, Patrick Wouters

- 08.50 **Hyperalgesia and fentanyl dosing in on Pump Coronary Artery Bypass Grafting - A prospective, randomised, double blinded clinical trial**
Stéphanie Slagmulder, Ghent University
- 09.10 **Arterial to end-tidal CO₂ gradients during isocapnic hyperventilation**
Jennifer Jouwena, UZ Leuven
- 09.30 **The effect on hemodynamic parameters and incidence of systemic side - effects following intracameral injection of a mixture of tropicamide 0,02%, phenylephrine 0,31% and lidocaine 1% in children: A pilot study**
William Aerts, UZA
- 09.50 **From emergency department to operating room: Interventional analgesia techniques for hip fractures**
Levin Garip, KU Leuven
- 10.10 **Drug use during adult advanced cardiac life support: An overview of reviews**
Hans Vandersmissen, UZ Leuven
- 10.30 **Coffee Break**
- Chair: Luc De Baerdemaeker
Jury: Luc De Baerdemaeker, John Mitchell, Raf Van den Eynde
- 11.00 **Amniotic fluid embolism and the role of thromboelastometry. And what about simulation?**
Judith Gerets, KU Leuven
- 11.20 **Survival of elderly COVID-19 intensive care patients in the first and second Belgian wave: A retrospective single center analysis**
Gilles Vermeiren, KU Leuven
- 11.40 **General purpose pharmacokinetic-dynamic models for target-controlled infusion of anaesthetic drugs. A narrative review**
Ophélie Vandemoortele, UZ Leuven

12.00 **Peri-operative systemic and cerebral anti-inflammatory properties of TRAM34, a KCa3.1 channel blocker, in an aging murine model of perioperative neurocognitive disorders**
Hélène Cuttaia, Hôpital Civil Marie Curie

12.20 **Categorical APACHE IV prediction of ICU and 90-day mortality**
Tom Bergmans, UZ Leuven

12.40 **Post Cesarean section analgesia**
Ellen Veef, UZ Leuven

13.00 **Incidence of brachial plexus injury after cardiac surgery: A retrospective study**
Jelena Heirbaut, UZA

Programme - Best Masterworks

Room B

Chair: Luc Sermeus
Jury: Luc Sermeus, Raf Van den Eynde, Victoria Van Regemorter

09.10 **Tranexamic acid for the prevention and treatment of postpartum hemorrhage: A review**
Sabine Thieren, UZ Leuven

09.30 **Perioperative hemostatic management of a newborn with hereditary hemophilia A and emergent surgery for dextro-transposition of the great arteries**
Anemoon Torfs, KU Leuven

09.50 **Fast-track failure after cardiac surgery: Risk factors and outcome with long-term follow-up**
Jore Hendrikx, UZ Leuven

10.10 **Dexamethasone and analgesia in different types of gynecologic surgery: A literature review**
Thomas Biesemans, UZ Leuven

10.30 **Coffee Break**

Chair: Luc Foubert
Jury: Johan Decoster, Luc Foubert, Thierry Pirotte

11.00 **An alternative strategy for COVID-pneumonitis: A retrospective analysis from a tertiary center in Belgium**
Jonas Bruggen, KU Leuven

- 11.20 **The effect of perioperative use of dexmedetomidine on time to extubation and ICU stay after coronary artery bypass graft surgery: A single-center retrospective cohort study**
Bob Ysenbaardt, UZ Leuven
- 11.40 **Efficacy of ultrasound-guided forearm nerve block versus forearm intravenous regional anaesthesia in patients undergoing carpal tunnel release: A randomized controlled trial**
Florence Polfliet, UZ Leuven
- 12.00 **Preliminary data on the use of TRAM-34, a KCa3.1 channel blocker, in a murine model of perioperative neurocognitive disorders**
Kristina Jamar, CHU Marie-Curie
- 12.20 **Acute kidney injury after brain injury, does it exist?**
Anais Pesonen, UZ Leuven
- 12.40 **New insights on perioperative use of dexamethasone**
Julien Smolders, KU Leuven
- 13.00 **Perioperative fluid management in major surgery**
Thibault Baert, UZ Leuven

Programme - Best Masterworks

Room C

Chair: Marc Van de Velde
Jury: Barbara Breebaart, Julie Lauweryns, Björn Stessel, Marc Van de Velde

- 09.10 **Analysis of retrospective data in practice to evaluate the effect of tapentadol prolonged release (PR) in chronic pain patients refractory to opioids**
Liesbeth Brulot, UZ Leuven
- 09.30 **The incidence of early neurological complications after on-pump cardiac surgery: A retrospective study**
Jona Houthuys, UZ Leuven
- 09.50 **The use of cognitive aids in the operating room: A systematic review**
Annick Claeys, UZ Leuven
- 10.10 **The association between intraoperative hypotension and postoperative complications in non-cardiac surgery: A review**
Robbert Vossen, UZ Leuven
- 10.30 **Coffee Break**

Chair: Vincent Bonhomme
Jury: Vincent Bonhomme, Isabelle Schaub, Kristien Vermeulen

- 11.00 **Levosimendan in pediatric cardiac anesthesiology – A systematic review and meta-analysis**
Matthias Lapere, UZ Leuven
- 11.20 **Sevoflurane in COVID19 patients: A prospective observational pilot study**
Bénédicté Vinckier, UZ Leuven
- 11.40 **Results of an institutionalized enhanced recovery after cardiac surgery program: A retrospective audit**
Roel Croonen, KU Leuven
- 12.00 **The role of methylene blue in the management of vasoplegic syndrome: A narrative review**
Jannes Cottyn, UZ Leuven
- 12.20 **The effectiveness of electromyographic and acceleromyographic-based neuromuscular monitoring in ventilated ICU patients: A prospective feasibility study**
Isabelle Lenders, UZ Leuven
- 12.40 **Postoperative pain after Cesarean Section: An audit of practice after implementation of the PROSPECT recommendations**
Nooshin Nasser Gharaee, UZ Leuven
- 13.00 **Review of regional anesthesia assessment tools**
Zakaria Zitoune, Université Catholique de Louvain

Programme - Best Masterworks

Room E

Chair: Domien Vanhonacker
Jury: Guillaume Lemaire, Dieter Mesotten, Domien Vanhonacker

- 09.10 **Epidural corticosteroid infiltrations - Case report of a paraparesis following a transforaminal injection with narrative review of the literature**
Celine Cerckel, Cliniques Universitaires Saint-Luc Bruxelles
- 09.30 **Impact of implementation of an individualised thromboprophylaxis protocol in critically ill ICU patients with COVID-19: A longitudinal controlled before-after study**
Charlotte Vanvuchelen, Universitair Ziekenhuis Gasthuisberg
- 09.50 **The role of tranexamic acid in obstetric hemorrhage: A narrative review**
Matthias Van Houwe, UZ Leuven

- 10.10 **Chronic abdominal pain after bariatric surgery: A narrative review**
Randy Vogelaerts, UZ Leuven
- 10.30 **Coffee Break**
Chair: Vera Saldien
Jury: Johan Berghmans, Jan Mulier, Vera Saldien
- 11.00 **Biopsychosocial perioperative healthcare program for patients undergoing posterior spinal fusion in the prevention of chronic pain development**
Lana Van Hoorick, UZA
- 11.20 **Pupillary reflex dilation and pain index evaluation during general anesthesia using sufentanil: A double blind RCT**
Diederik Van Vlaenderen, UZA
- 11.40 **PROSPECT guideline for pain management after hip fracture repair surgery: A systematic review and procedure-specific postoperative pain management recommendations**
Loore Cavens, KU Leuven
- 12.00 **Perioperative fluid management in children: An updated review**
Martin Beels, UZA
- 12.20 **Management of anesthesia for surgery in prone position for a patient with hereditary neuropathy with liability to pressure palsies. A case report and narrative literature review**
Cedric Moerman, UZ Leuven
- 12.40 **Traumatic cervical spinal cord injury and anesthetic considerations: A narrative review**
Xavier Bohorquez, Université Catholique de Louvain

Programme - Resident Meeting

Room F

- Chair: Luc De Baerdemaeker
Jury: Luc De Baerdemaeker, Artour Grigorian, Annelies Moerman, Mona Momeni, Martine Neckebroek
- 09.00 **Impact of NOL-guided remifentanil infusion and entropy-guided propofol infusion on intraoperative arterial pressure and vasopressor necessity - A prospective, randomized, controlled trial**
Mehdi M'Rini, CHU Saint-Pierre
- 09.15 **Does acute type A aortic dissection (ATAAD) management on overtime working hours have an impact on in-hospital neurological outcomes? A single-center retrospective study**
Justine Borceux, Cliniques Universitaires Saint-Luc

- 09.30 **Insidious perioperative lithium poisoning: A case report**
Hadrien Desmecht, CHU de Liège
- 09.45 **A misleading cause of bleeding and collapse during and after a C-section**
Tracy Surinder, CHU de Liège
- 10.00 **Impact of "ASAP" Multidisciplinary Optimization Care Protocol on early postoperative complications in elderly inpatients for hip fracture: A retrospective before-after study**
Martin Heynen, CHU de Liège
- 10.15 **Comparison of the effectiveness of ultrasound-guided versus fluoroscopy-guided medial lumbar bundle branch block on pain related to lumbar facet joints: A multicenter randomized interventional prospective study**
Marie-Laure Nisolle, Erasme
- 10.30 **Coffee Break**
Chair: Mona Momeni
Jury: Patricia Lavand'homme, Mona Momeni, Martine Neckebroek, Walter Swinnen, Domien Vanhonacker
- 11.15 **Multiple intracerebral hemorrhage during veno-venous extracorporeal membrane oxygenation (V-V ECMO) for acute respiratory failure due to SARS-CoV-2 pneumonia: A case report**
Pascal Louis Orer, ULG
- 11.00 **Use of percutaneous ventricular assist as a bridge to high risk combined heart valve surgery: A case report and review of the literature**
Anemone De Neef, CHU de Liège
- 11.30 **Cutaneous aspergillosis complicating invasive pulmonary aspergillosis**
Dafei Teng, UCLouvain
- 11.45 **On-table extubation after cardiac surgery: A retrospective single-center non-inferiority trial**
Fanny Kaesmacher, CHU de Liège
- 12.00 **Analgesic effect between TAP block and continuous wound infusion in abdominoplasty**
Thomas Neff, CHU de Liège

12.15 **Impact on postoperative pain trajectory after total hip arthroplasty of PENG and supra-inguinal fascia iliaca compartment blocks: Preliminary results of a non-inferiority clinical trial**
Fanny Rousseaux, CHU de Liège

12.30 **Perioperative predictive factors of developing severe morbidity or death in pediatric cardiac surgery: A retrospective study**
Carolina Domingo Toledo, CHU Brugmann - HUDERF

Programme - Resident Meeting

Room G

Chair: Vincent Bonhomme
Jury: Vincent Bonhomme, Denis Schmartz, Tuna Turgay, Patrick Wouters, Piet Wyffels

09.00 **Major intraoperative hyperkalemia during robot-assisted radical prostatectomy: A case report**
Sébastien Gebara, UCLouvain

09.15 **Changes in patient-reported outcome measures after colorectal surgery within an enhanced recovery program using the QoR-15 questionnaire**
Rayane Ait el Hocine, CHU de Liège

09.30 **Factors affecting the duration of obstructive sleep apnea**
Eline Soupart, Université Catholique de Louvain

09.45 **Preoperative anxiety influences postoperative pain severity in adult patients undergoing elective cardiac surgery: A secondary analysis of a prospective observational study**
Marine Bertho, UCL Woluwe

10.00 **Retrospective study of factors favoring the occurrence of complications, mainly haemorrhagic, during surgical correction of craniostenosis**
Laurie Houma, Cliniques Universitaires Saint-Luc

Programme - Best Masterworks

Room G

Chair: Patrick Wouters
Jury: Annelies Moerman, Filiep Soetens, Patrick Wouters

11.00 **Anspec-Pro for non-invasive pain monitoring: Artificial Intelligence for the analysis of a postoperative observational clinical trial**
Tim De Grauwe, UZ Gent

11.20 **Impact of opioid free anesthesia on glycemia during laparoscopic bariatric surgery**
Justine Van Loocke, UZ Gent

11.40 **Assessing the measurement error of different methods used to calculate pulse pressure variation**
Simon Njuguna, Ghent University

12.00 **Interaction between stroke severity and quality indicators of acute stroke care: A single-center retrospective analysis**
Gwendolyne Peeters, UGent

12.20 **The effect of a handheld game (HospiAvontuur) on preoperative anxiety, induction compliance, postoperative emergence delirium, and pain among young children undergoing otorhinolaryngological surgery: A pilot study**
Nabila Belkaid, UGent

12.40 **Influence of continuous administration of phenylephrine versus dobutamine on paraspinal oxygen saturation, measured with Near-Infrared Spectroscopy (NIRS) - Preliminary data analysis**
Milan Besard, UZ Ghent

13.00 **Can nociception monitors be used to titrate remifentanyl with a stable low Noxious Stimulation Response Index (NSRI)?**
Nele Van Heck, UGent

Closing ceremony

Room A

13.20 **BAPA - BSAR - BVAR - BARA Presentations**

13.35 **Prizes Distribution + General Assembly**

13.50 **Lunch**



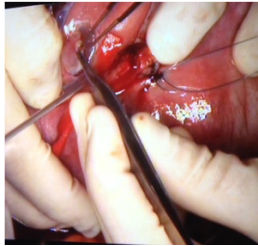
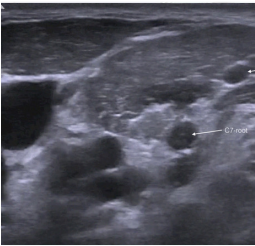
BeSARPP

BELGIAN SOCIETY OF
ANESTHESIOLOGY, RESUSCITATION,
PERIOPERATIVE MEDICINE AND
PAIN MANAGEMENT

ANNUAL MEETING

**SUSTAINABILITY IN
ANESTHESIA**

18-19 NOVEMBER 2022



Square Brussels Convention Centre

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