

6TH WORLD CONGRESS ON REGIONAL ANAESTHESIA & PAIN MEDICINE

Joint meeting with

THE 40TH ESRA ANNUAL CONGRESS

esraworld2023.com

PROGRAMME

6—9.SEP
2023
PARIS, FRANCE

Paris

5 SOCIETIES: **ESRA • ASRA • LASRA • AFSRA • AOSRA**



"Wednesday 06 September"

08:00

08:00 - 09:50

NETWORKING SESSION

Prolonging your Block over 24 Hours

Chairperson: Alain BORGEAT (Switzerland)

- With perineural catheters. Margaretha (Barbara) BREEBAART (Belgium)
- With adjuncts. Eric ALBRECHT (Switzerland)
- With neuromodulation. Athmaja THOTTUNGAL (United Kingdom)
- With liposomal bupivacaine. Admir HADZIC (Belgium)
- Discussion.

AMPHITHEATRE
BLEU

08:00 - 08:30

REFRESHING YOUR KNOWLEDGE

PDPH - What do the newest Guidelines highlight?

Chairperson: Thomas VOLK (Germany)

- PDPH - What do the newest Guidelines highlight? Vishal UPPAL (Canada)
- Discussion.

SALLE
MAILLOT

08:00 - 08:50

ASK THE EXPERT

UGRA in Developing Countries: Challenges, Obstacles, and Solutions

Chairperson: Sonia LALLA (Kenya)

- UGRA in Developing Countries: Challenges, Obstacles, and Solutions. Mohamad MOHAMED MOSTAFA (Egypt)
- Discussion.

252 A&B

08:00 - 09:50

NETWORKING SESSION

Understanding Pain - Imaging, Imagination and Evolution

Chairperson: Efrossini (Gina) VOTTA-VELIS (USA)

- Higher Center and Pain Perception: what clinician need to know. Philip PENG (Canada)
- Image and imagination of Pain. Luis GARCIA-LARREA (France)
- Placebo/Nocebo in anaesthesia and pain. Aikaterini AMANITI (Greece)
- "Johnny The Fox meets Jimmy The Weed"- Regional Anaesthetist and Pain Physician. Andrzej KROL (United Kingdom)
- Discussion.

242 A&B

08:00 - 09:15

PANEL DISCUSSION

Preventing and managing acute pain during CS under regional anaesthesia

Chairperson: Marc VAN DE VELDE (Belgium)

- Preventing acute pain during CS under regional anaesthesia. Kassiani THEODORAKI (Greece)
- CARO Guidelines. Dan BENHAMOU (France)
- Managing acute pain during CS under regional anaesthesia. Nuala LUCAS (United Kingdom)
- Equity of care - perspectives from LMIC. Sarah DEVROE (Belgium)
- Discussion.

241

08:00 - 08:35

"Wednesday 06 September"

PROBLEM BASED LEARNING DISCUSSION

My peripheral block is persisting after 48 hours. What steps should I take?

251

Chairperson: [Enrico BARBARA](#) (Italy)

- My peripheral block is persisting after 48 hours. What steps should I take? [Xavier SALA-BLANCH](#) (Spain)
- Discussion.

08:00 - 08:35

TIPS & TRICKS

Real-time Ultrasound Guided Spinal Anaesthesia

243

Chairperson: [Philippe GAUTIER](#) (Belgium)

- Technical Considerations, Tips and Tricks. [Justin KO](#) (Korea)

08:00 - 08:50

ASK THE EXPERT

Cannabinoids: Which components - Administration and Prescription.

253

Chairperson: [Athina VADALOUCA](#) (Greece)

- Cannabinoids: Which components - Administration and Prescription. [Samer NAROUZE](#) (USA)
- Discussion.

08:00 - 11:00

**OFF SITE - HANDS - ON CADAVER WORKSHOP 1 - RA
UPPER & LOWER LIMB BLOCKS, TRUNK BLOCKS**

WS Leader: [Paul KESSLER](#) (Germany)

Anatomy Consultant on site: [Thierry BEGUE](#) (France)

Unique and exclusive for RA & Pain Cadaveric Workshops: Only whole-body cadavers will be available for the workshops. This is a fantastic opportunity to master your needling skills, perform the actual blocks on fresh cadavers and to improve your ergonomics under direct supervision of world experts in regional anaesthesia and chronic pain management.

HANDS - ON CADAVER WORKSHOP USEFUL DOCS TO DOWNLOAD

There won't be an organized transportation for going/back from the Cadaver workshop.

Public transportation is highly recommended:

Workshop Address:

Ecole de Chirurgie

8/10 Rue de Fossés Saint Marcel 75005 Paris

How to get to the Workshop?

By Metro from Le Palais des Congrès de Paris

35min

Station Neuilly - Porte Maillot line M1 (direction of Château de Vincennes)

Change at Palais Royal - Musée du Louvre into line M7 (direction of Villejuif-Louis Aragon) get off at Censier- Daubenton→5min walking

- Workstation 1. Upper Limb Blocks. [Attila BONDAR](#) (Ireland)
ISB, SCB, AxB, cervical plexus (Supine Position)
- Workstation 2. Upper Limb and chest Blocks. [Edward MARIANO](#) (USA)
ICB, IPPB/PSPB (PECS), SAPB (Supine Position)
- Workstation 3. Thoracic trunk blocks. [Lukas KIRCHMAIR](#) (Austria)
tPVB, ESP, ITP (Prone Position)
- Workstation 4. Abdominal trunk Blocks. [Suwimon TANGWIWAT](#) (Thailand)
TAP, RSB, IH/II (Supine Position)
- Workstation 5. Lower limb blocks. [Yavuz GURKAN](#) (Turkey)

Anatomy
Institute

"Wednesday 06 September"

SiFiB, PENG, FEMB, FTB, Adductor Canal B, Obturator (Supine Position)

- Workstation 6: Lower limb blocks. [Sandeep DIWAN](#) (India)
- QLBs, proximal and distal sciatic B, iPACK (Lateral Position)*

08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 1 - CHRONIC PAIN

Musculoskeletal UG Interventional Procedures in Pain Medicine - Shoulder & Upper Extremity

WS Leader: [Ovidiu PALEA](#) (Romania)

- Workstation 1: Glenohumeral Joint, Supraspinatous Tendon & Subacromial / Subdeltoid Bursa. [Ammar SALT](#) (United Arab Emirates) 201
- Workstation 2: Acromioclavicular Joint, Biceps Tendon, Rotator Cuff & Rotator Cuff Interval. [Dan Sebastian DIRZU](#) (Romania)
- Workstation 3: Elbow Joint - Anterior, Medial, Lateral & Posterior Elbow. [Kiran KONETI](#) (United Kingdom)
- Workstation 4: Wrist Joint - Carpal Tunnel Pathology. [Ismael ATCHIA](#) (United Kingdom)

08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 2 - CHRONIC PAIN

Musculoskeletal UG Interventional Procedures in Pain Medicine - Shoulder & Upper Extremity

WS Leader: [Andrzej DASZKIEWICZ](#) (Poland)

- Workstation 1: Glenohumeral Joint, Supraspinatous Tendon & Subacromial / Subdeltoid Bursa. [Gustavo FABREGAT](#) (Spain) 234
- Workstation 2: Acromioclavicular Joint, Biceps Tendon, Rotator Cuff & Rotator Cuff Interval. [Maurizio MARCHESINI](#) (Italy)
- Workstation 3: Elbow Joint - Anterior, Medial, Lateral & Posterior Elbow. [Michal BUT](#) (Poland)
- Workstation 4: Wrist Joint - Carpal Tunnel Pathology. [Duarte CORREIA](#) (Portugal)

08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 1 - POCUS

POCUS in Emergency Room and ICU

WS Leader: [Jan BOUBLIK](#) (USA)

- Workstation 1: Airway Ultrasound (Difficult Airway Predictors, Vocal Cords, Cricothyroid Membrane Location). [Kariem EL BOGHADLY](#) (United Kingdom) 224
- Workstation 2: Lung Ultrasound (Normal Lung, Pneumothorax, Pleural Effusion). [Lars KNUDSEN](#) (Denmark)
- Workstation 3: Focused Assessment with Sonography for Trauma (eFAST). [Wolf ARMBRUSTER](#) (Germany)
- Workstation 4: FOCUS (I) - Deep Venous Thrombosis (DVT), Pulmonary Thromboembolism (PE indirect signs), Cardiac Tamponade. [Valentina RANCATI](#) (Switzerland)

08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 1 - PAEDIATRIC

PNBs in the Paediatric Trauma Patient

WS Leader: [Giorgio IVANI](#) (Italy)

- Workstation 1: Trauma of the Upper Limb - Shoulder, Upper Arm and Elbow Fractures. [Luc TIELENS](#) (The Netherlands) 221
- Workstation 2: Trauma of the Upper Limb - Lower Arm and Hand Trauma / Fractures. [Eleana GARINI](#) (Greece)
- Workstation 3: Trauma of the Lower Limb - Hip, Femur and Knee Fractures / Trauma. [Valeria MOSSETTI](#) (Italy)
- Workstation 4: Trauma of the Lower Limb - Calf, Ankle and Foot Trauma. [Fatma SARICAOLU](#) (Turkey)

08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 1 - RA

"Wednesday 06 September"

PNBs for Shoulder, Elbow and Hand Surgery

WS Leader: Jose Alejandro AGUIRRE (Switzerland)

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- Workstation 1: Major Shoulder Surgery - Different Approaches for ISC Block and Structures to Avoid. [John MCDONNELL](#) (Ireland)
- Workstation 2: Axillary, Suprascapular and Supraclavicular Nerves Blockade. [Louise MORAN](#) (Ireland)
- Workstation 3: Elective Elbow Surgery & Elbow Fractures - Blocks for Patients with Limited Abduction, Catheter Placement, Tips & Tricks. [Laurent DELAUNAY](#) (France)
- Workstation 4: Axillary Block for Hand Surgery and How to Rescue Block Failures. [Pia JÆGER](#) (Denmark)

08:00 - 10:00

360° AGORA - SIMULATION SCIENTIFIC SESSION 1 BRACHIAL PLEXUS BLOCK - COMPLICATIONS MANAGEMENT

Animators: Archana ARETI (India), Shri Vidya NIRANJAN KUMAR (India), Balavenkat SUBRAMANIAN (India), Roman ZUERCHER (Switzerland)

360° AGORA
HALL B

WS Leader: Ashokka BALAKRISHNAN (Singapore)

- *Recognising complications related to regional anaesthesia*
- *Managing clinical deterioration when patients is under central neuraxial blockade*
- *Trouble shooting inadequate analgesia peripheral nerve catheter*
- *Differential diagnosis and whole patient approach in management*
- *Postoperative acute pain crisis*

08:40

08:40 - 09:55

PANEL DISCUSSION

The role of cutaneous nerves in the development of chronic pain after knee surgery and injury

Chairperson: Thomas Fichtner BENDTSEN (Denmark)

SALLE
MAILLOT

- Anatomy of Cutaneous Innervation of the Knee. [Bernhard MORIGGL](#) (Austria)
- Surgical & Traumatic Neuropathy of Cutaneous Nerves of the Knee. [Siska BJORN](#) (Denmark)
- Measures to be taken in Terms of Prevention. [Thomas DAHL NIELSEN](#) (Denmark)
- Discussion.

08:40 - 09:10

TIPS AND TRICKS

Tips & tricks for challenging lumbar neuraxial blockade: Ultrasound, paraspinous approaches, L5-S1 access. Scenarios - obesity, deformity, surgery, lesions.

Chairperson: Ki Jinn CHIN (Canada)

251

- Tips & tricks for challenging lumbar neuraxial blockade: Ultrasound, paraspinous approaches, L5-S1 access. Scenarios - obesity, deformity, surgery, lesions. [Justin KO](#) (Korea)
- Discussion.

08:40 - 09:10

REFRESHING YOUR KNOWLEDGE Communicative skills in RA.

Chairperson: James EISENACH (USA)

243

- Communicative skills in RA. [Geert-Jan VAN GEFFEN](#) (The Netherlands)
- Discussion.

09:00

09:00 - 09:50

ASK THE EXPERT

Environmental Sustainability and Anaesthesia: Where do we stand?

Chairperson: Kamen VLASSAKOV (USA)

252 A&B

- Environmental Sustainability and Anaesthesia: Where do we stand? [Vincent CHAN](#) (Canada)

"Wednesday 06 September"

- Discussion.

09:00 - 09:50

ASK THE EXPERT

Spinal anaesthesia for awake lumbar spine surgery: A niche but emerging indication?

Keynote Speaker: Clara LOBO (United Arab Emirates)

Chairperson: Eleni MOKA (Greece)

253

- Discussion.

09:15

09:15 - 09:50

PROBLEM BASED LEARNING DISCUSSION

Tips & tricks for thoracic epidurals.

Chairperson: Steve COPPENS (Belgium)

- Tips & tricks for thoracic epidurals. Sean DOBSON (USA)

- *Locating interlaminar space, confirming catheter placement and tip location (epidural waveform analysis, epidural stimulation)*

- *Matching levels to surgical site, dosing regimens, troubleshooting for suboptimal analgesia, for hypotension*

- *How long to retain and safe removal*

- Discussion.

251

09:20

09:20 - 09:50

PROBLEM BASED LEARNING DISCUSSION

Managing the failing epidural.

Chairperson: Emilia GUASCH (Spain)

241

- Managing the failing epidural. Kassiani THEODORAKI (Greece)

- Discussion.

09:20 - 09:50

REFRESHING YOUR KNOWLEDGE

Tips and Tricks to Obtain the Best of your US Images.

Chairperson: Thomas VOLK (Germany)

243

- Tips and Tricks to Obtain the Best of your US Images. Hari KALAGARA (USA)

- Discussion.

10:00

MORNING COFFEE BREAK AT EXHIBITION / ePOSTER VIEWING

EPOSTER SESSION 1 - STATION 1

Chairperson: Romualdo DEL BUONO (Italy)

- EP001 FREQUENCY OF EPIDURAL CATHETER-INCISION CONGRUENCY AND EFFECTIVENESS OF POSTOPERATIVE ANALGESIA FOR ADULT PATIENTS AFTER MAJOR ABDOMINAL SURGERY: AN OBSERVATIONAL STUDY IN LMIC.

[Ali Sarfraz SIDDIQUI](#) (KARACHI, Pakistan), [Usama AHMED](#), [Rozina KERAL](#), [Kamran NAWAZ](#), [Gauhar AFSHAN](#)

- EP002 Comparative Study Between Ultrasound Guided Serratus Anterior and Erector Spinae Block for Perioperative Analgesia in Children Undergoing Upper Thoracic Surgeries. [Amrita RATH](#) (Varanasi, India)

- EP003 TIME TO SURGICAL TREATMENT FOR HIP FRACTURE CARE. [Haoyan ZHONG](#) (NEW YORK, USA), [Alex ILLESCAS](#), [Crispiana COZOWICZ](#), [Lisa REISINGER](#), [Jashvant POERAN](#), [Jiabin LIU](#), [Stavros MEMTSOUDIS](#)

- EP004 New approach for suprascapular nerve block : up to easier. [Pierre GOFFIN](#) (Liège, Belgium), [Hipolito LANDEYRA](#), [Alberto PRATS-GALINO](#), [Xavi SALA-BLANCH](#)

- EP005 Pecs 2 block for open biceps tenodesis: no analgesic benefit vs. surgical field infiltration. [Arthur HERTLING](#) (New York, USA), [Germaine CUFF](#), [Thomas YOUM](#), [Mandeep VIRK](#), [Kirk CAMPBELL](#), [Ekow COMMEH](#), [Avra HAMMERSCHLAG](#), [Iman SULEIMAN](#)

"Wednesday 06 September"

– EP006 Implementation of the frailty evaluation in the preoperative assessment in the major orthopedic surgery-an efficient tool for perioperative care and discharge planning. [Denisa ANASTASE](#) (Bucharest, Romania), [Simona CIONAC FLORESCU](#), [Georgiana NEDELEA](#), [Serban DRAGOSLOVEANU](#), [Nicolae MIHAILIDE](#)

EPOSTER SESSION 1 - STATION 2

Chairperson: [David MOORE](#) (Ireland)

- EP009 FACTORS ASSOCIATED WITH HYPOTENSION OR BRADYCARDIA EPISODES DURING ARTHROSCOPIC SHOULDER SURGERY UNDER GENERAL ANESTHESIA COMBINED WITH INTERSCALENE BLOCK IN THE BEACH CHAIR POSITION. [Pongkwan JINAWORN](#) (Bangkok, Thailand), [Chanon THANABORIBOON](#), [Praepanee SKUNTALAK](#), [Varittha BORIRAJDECHAKUL](#)
- EP010 Regional anaesthesia to aid enhanced recovery post elective total knee arthroplasty. [Soo YOON](#) (London, United Kingdom), [Hannah HEADON](#), [Eimear MCKAVANAGH](#), [Jennifer VAN ROSS](#), [Vilma UZKALNIENE](#), [Ipek EDIPOGLU](#)
- EP011 Hemodynamic Effects of Spinal Anesthesia In Patients With Aortic Stenosis. [Imré VAN HERREWEGHE](#) (Genk, Belgium), [Jirka COPS](#), [Darren JACOBS](#), [Frédéric POLUS](#), [Ana LOPEZ](#), [Catherine VANDEPITTE](#), [Sam VAN BOXSTAEL](#), [Admir HADZIC](#)
- EP012 Pain management of costal fractures in polytraumatic patients. Case review in a secondary hospital. [Andrés Felipe REALES PADILLA](#) (Terrassa (Barcelona), Spain), [Gerard MESTRES GONZÁLEZ](#), [Mónica PÉREZ POQUET](#), [Marc BAUSILI RIBERA](#)

EPOSTER SESSION 1 - STATION 3

Chairperson: [Wojciech GOLA](#) (Poland)

- EP013 Effect of local anesthetic volume (20 vs 40 ml) on analgesic efficacy of costoclavicular block in arthroscopic shoulder surgery: a randomized controlled trial. [Yumin JO](#), [Chahyun OH](#), [Woo-Yong LEE](#), [Yoon-Hee KIM](#), [Youngkwon KO](#), [Woosuk CHUNG](#), [Boohwi HONG](#), [Eunhye PARK](#) (Daejeon, Korea)
- EP014 The pharmacokinetic ,pharmacodynamic and intrathecal histocompatibility studies on bupivacaine PLGA microspheres in rabbits. [Qiang FU](#) (Beijing, China)
- EP015 Pain Management In Thoracic Surgeries: A Systematic Review and Meta-Analysis Comparing Erector Spinae and Serratus Anterior Plane Blocks. [Sara AMARAL](#), [Heitor MEDEIROS](#), [Carolina SOUSA DIAS](#) (Lisbon, Portugal), [Rafael LOMBARDI](#)
- EP016 Neuraxial techniques for the obese parturient: our experience from the labor room. [Aiki TYMPA-GRIGORIADOU](#), [Christina ORFANO](#) (Athens, Greece), [Marianna KOUROUSI](#), [Thalis ASIMAKOPOULOS](#), [Georgios VAIPOULOS](#), [Aikaterini MELEMENI](#), [Athanasia TSAROUCOA](#)
- EP017 ULTRASONOGRAPHIC EVALUATION OF THE OPTIC NERVE SHEATH IN HYPERTENSIVE SYNDROMES OF PREGNANCY: A COHORT STUDY. [Marina MOTA](#) (Recife, Brazil), [Melania AMORIM](#), [Barbara FEITOSA](#), [Thamara GUERRA](#), [Fernando BARBOSA](#), [Mario CORREIA](#), [Leila KATZ](#)

EPOSTER SESSION 1 - STATION 4

Chairperson: [Jens BORGLUM](#) (Denmark)

- EP019 Multimodal analgesia for robot-assisted laparoscopic prostatectomy. [Minju KIM](#) (Seoul, Korea), [Jung-Woo SHIM](#)
- EP020 Utilization of Erector Spinae Plane Blocks in a Multimodal Analgesic Pathway for Instrumentation and Fusion of Adolescent Idiopathic Scoliosis: A Feasibility Study. [Marko POPOVIC](#) (New York, USA), [Alex ILLESCAS](#), [Kathryn DELPIZZO](#), [Pamela WENDEL](#), [Michelle CARLEY](#), [Roger WIDMANN](#), [Ellen SOFFIN](#), [Jordan RUBY](#)
- EP021 Multi-center implementation of objective pain procedure assessment tools: Pain Procedure Rating System (PaPRS). [William WHITE](#), [Michael JUNG](#) (Sacramento, USA)
- EP022 ACUTE PAIN SERVICE UTILIZATION IN AN ORTHOPEDIC SPECIALTY HOSPITAL. [Faye RIM](#) (New York, USA), [Mary KELLY](#), [William CHAN](#), [Samuel SCHUESSLER](#), [Martin PLOURDE](#), [Pops STEERING COMMITTEE](#), [Spencer LIU](#), [Alexandra SIDERIS](#)
- EP023 Reducing the risk of wrong side regional anaesthesia: launching Prep, Stop, Block within a district general hospital. [Peter DAUM](#) (London, United Kingdom), [Barron ANN](#)
- EP024 Determination of a NRS threshold value for the administration of analgesics at the PACU. [Ella HERMIE](#) (Ghent, Belgium), [Rik NIEUWENHUIZEN](#), [Charlotte BOYDENS](#), [Jorien DE LOOR](#), [Henk VANOVERSCHELDE](#)

EPOSTER SESSION 1 - STATION 5

"Wednesday 06 September"

Chairperson: [Andrea SAPORITO](#) (Switzerland)

- EP025 LOCAL ANESTHETIC BUPIVACAINE BARICITY AND ADJUVANT FENTANYL IMPACT ON QUALITY OF LOW-DOSE SPINAL ANESTHESIA. [Saula SVEDIENE](#) (Vilnius, Lithuania), [Ieva BARTUSEVICIENE](#)
- EP026 Current situation of radiofrequency for the treatment of low back pain originating in the facet joints in Spain. [Rubén RUBIO HARO](#) (Valencia, Spain), [Marcos SALMERÓN-MARTÍN](#), [Alberto GÓMEZ-LEÓN](#), [Jorge ORDUÑA-VALLS](#), [Rogelio ROSADO-CARACENA](#), [Alicia ALONSO-CARDAÑO](#), [Gisela ROCA-AMATRIA](#), [Javier DE ANDRÉS-ARES](#)
- EP027 Conventional palpation versus ultrasound assisted spinal anesthesia in obstetrics: A randomized trial. Preliminary results. [Amani BEN HAJ YOUSSEF](#), [Sonia BEN ALI](#), [Khalil BECHEIKH](#) (La Marsa, Tunisia), [Faten HADDAD](#), [Lamia KAMERGI](#), [Mhamed Sami MEBAZAA](#)
- EP028 Postpartum posterior reversible encephalopathy syndrome. [Catarina SOUSA](#), [Catarina VIEGAS](#) (Porto, Portugal), [Liliana IGREJA](#), [Rosário FORTUNA](#)
- EP029 Are regional anaesthetic career experiences gender dependent? A global snapshot study. [Sophie JACKMAN](#) (Oxford, United Kingdom), [Becki MARSH](#)
- EP030 Combination of bilateral parasternal intercostal plane block and the novel recto-intercostal block as the main anesthesia method in patients undergoing sternum revision: single center experience. [Dilan AKYURT](#), [Serkan TULGAR](#) (Samsun, Turkey), [Caner GENC](#), [Emrah EREREN](#), [Ilker Hasan KARAL](#), [Mustafa SUREN](#)

EPOSTER SESSION 1 - STATION 6

Chairperson: [Thomas WIESMANN](#) (Germany)

- EP031 Three-dimensional reconstruction of randomly selected ex-vivo spines: Needle insertion angles for spinal anesthesia. [Hipólito LABANDEYRA](#), [Xavier SALA-BLANCH](#), [Alberto PRATS-GALINO](#), [Anna PUIGDELLIVOL-SÁNCHEZ](#) (Barcelona, Spain)
- EP032 Comparison of oblique subcostal, posterior or dual transversus abdominis plane block in laparoscopic cholecystectomy: a prospective, randomized-controlled, double-blinded study. [Ceylan SAYGILI](#) (Istanbul, Turkey), [Safak Emre ERBABACAN](#), [Aylin NIZAMOGLU](#), [Cigdem AKYOL BEYOGLU](#), [Emre OZGUN](#), [Fatis ALTINDAS](#)
- EP033 Epidural anesthesia for caesarean section in a patient with basilar artery aneurysm - case report. [Ljubisa MIRIC](#), [Tijana SMILJKOVIĆ](#) (Krusevac, Serbia), [Milan TASIC](#), [Jelena STANISAVLJEVIC STANOJEVIC](#), [Ivan PETROVIC](#)
- EP034 Spinal surgery in the pregnant woman: an anaesthetic challenge. [Maria José DE BARROS E CASTRO BENTO SOARES](#), [Telma CARIA](#), [Joana VAN DER KELLEN BARBOSA](#), [Verónica TOMÉ DE CARVALHO ECKARDT](#) (Lisboa, Portugal), [André GUERREIRO](#)
- EP035 Zoster associated pain innervated by the dorsal ramus of thoracic spinal nerve would be a risk factor of chronification ? [Noriko YONEMOTO](#) (Osaka, Japan, Japan), [Kei KAMIITSURI](#), [Shunji KOBAYASHI](#), [Fumiaki HAYASHI](#), [Hirotaka HAYASHI](#)
- EP036 Comparison of efficacy of ultrasound guided lumbar erector spinae block with ultrasound guided thoracolumbar interfascial plane block for postoperative analgesia in lumbar discectomy surgeries. [Amrita RATH](#) (Varanasi, India)

10:30

10:30 - 12:20

NETWORKING SESSION

Managing complications in obstetric neuraxial anaesthesia

Chairperson: [Marc VAN DE VELDE](#) (Belgium)

- Preventing and managing spinal hypotension. [Frédéric MERCIER](#) (France)
- Failed epidural top-up for emergency CS - what now? [Sarah DEVROE](#) (Belgium)
- Managing high neuraxial block. [Nuala LUCAS](#) (United Kingdom)
- Managing PDPH. [Alexandra SCHYNS-VAN DEN BERG](#) (The Netherlands)
- Discussion.

AMPHITHEATRE
BLEU

10:30 - 11:20

ASK THE EXPERT

POCUS: Definitions, Examples, Benefits

Chairperson: [Steve COPPENS](#) (Belgium)

- POCUS: Definitions, Examples, Benefits. [Sree Hari Praveen KOLLI](#) (USA)
- Discussion.

SALLE
MAILLOT

"Wednesday 06 September"

10:30 - 11:20

ASK THE EXPERT

Closing the Gaps in Postoperative Pain Management: Challenges and Future Perspectives

Chairperson: [Maria Fernanda ROJAS](#) (Colombia)

252 A&B

- Closing the Gaps in Postoperative Pain Management: Challenges and Future Perspectives. [Giustino VARRASSI](#) (Italy)
- Discussion.

10:30 - 11:05

PROBLEM BASED LEARNING DISCUSSION

LA resistance: Does it exist & what to do when your block does not work.

Chairperson: [Benjamin FOX](#) (United Kingdom)

242 A&B

- LA resistance: Does it exist & what to do when your block does not work. [Lloyd TURBITT](#) (United Kingdom)
- Discussion.

10:30 - 11:45

PANEL DISCUSSION

Optimising labour analgesia

Chairperson: [Jennifer GUEVARA](#) (Colombia)

241

- Initiation techniques - epidural, CSE or DPE? [Emilia GUASCH](#) (Spain)
- Maintenance techniques. [Eva ROOFTHOOF](#) (Belgium)
- Pharmacological adjuvants. [Brendan CARVALHO](#) (USA)
- Abdominal wall blocks. [Sarah ARMSTRONG](#) (United Kingdom)
- Discussion.

10:30 - 11:00

TIPS AND TRICKS

Blocking Children for Surgeries with risk of Acute Compartment Syndrome.

Chairperson: [Eleana GARINI](#) (Greece)

251

- Blocking Children for Surgeries with risk of Acute Compartment Syndrome. [Valeria MOSSETTI](#) (Italy)
- Discussion.

10:30 - 11:00

REFRESHING YOUR KNOWLEDGE

Interventional approaches to intractable headache: Current Update.

Chairperson: [Sarah LOVE-JONES](#) (United Kingdom)

243

- Interventional approaches to intractable headache: Current Update. [Samer NAROUZE](#) (USA)
- Discussion.

10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 3 - CHRONIC PAIN

Musculoskeletal UG Interventional Procedures in Pain Medicine - Hip & Lower Extremity

WS Leader: [Athmaja THOTTUNGAL](#) (United Kingdom)

201

- Workstation 1: Periarticular Hip Injection - Trochanteric Bursa Injection. [Ismael ATCHIA](#) (United Kingdom)
- Workstation 2: Pericapsular Nerves Injection (Femoral, Obturator, Accessory Obturator). [Ammar SALTI](#) (United Arab Emirates)
- Workstation 3: Genicular Nerves Injection. [Thomas HAAG](#) (United Kingdom)
- Workstation 4: Suprapatellar Bursa Injection - Posterior Capsule Injection.

"Wednesday 06 September"

Luis Fernando VALDES VILCHES (Spain)



10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 4 - CHRONIC PAIN **UG Guided Treatment of Spinal Chronic Pain Conditions**

WS Leader: Ana SCHWARTZMANN (Uruguay)

- Workstation 1: Cervical Radicular Pain - Selective Nerve Root Injection (Extraforaminal).
Graham SIMPSON (United Kingdom)
- Workstation 2: Cervical Facet Pain - Cervical Medial Branch & Facet Joint Injections. Vicente ROQUES (Spain)
- Workstation 3: Cervicogenic Headache - Third Occipital Nerve (TON) and Greater Occipital Nerve (GON) Injections. Andrzej DASZKIEWICZ (Poland)
- Workstation 4: Lumbar Spine Pain - Mechanical Low Back Pain / Lumbar Medial - Branch and Facet Joint Injections, Lumbar Paraspinal Injections (ES, QLB - Thoracolumbar Fascia). Gustavo FABREGAT (Spain)

234



10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 2 - POCUS **POCUS in Perioperative Medicine**

WS Leader: Thomas DAHL NIELSEN (Denmark)

- Workstation 1: Ultrasound for Gastric Content Evaluation and Assessment. Nadia HERNANDEZ (USA)
- Workstation 2: FOCUS (II) - Ejection Fraction & Aortic Stenosis. Valentina RANCATI (Switzerland)
- Workstation 3: FOCUS (III) - Inferior Vena Cava (Collapsibility Index). Jan BOUBLIK (USA)
- Workstation 4: D - POCUS (Diaphragm Evaluation, Diaphragm Palsy, Weaning Test). Lucas ROVIRA SORIANO (Spain)

224



10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 2 - RA **PNBs for Lower Arm, Forearm and Hand Surgery**

WS Leader: Morne WOLMARANS (United Kingdom)

- Workstation 1: Supraclavicular Nerve Block. Bartakke ASHISH (Spain)
- Workstation 2: Infraclavicular Nerve Block. Packianathaswamy BALAJI (United Kingdom)
- Workstation 3: Axillary Nerve Block. Vedran FRKOVIC (Sweden)
- Workstation 4: Musculocutaneous Nerve and Brachial Plexus Branches in the Arm and Forearm. Emine Aysu SALVIZ (USA)

221



10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 3 - RA **Four Basic Blocks for Knee Surgery**

WS Leader: Ashwani GUPTA (United Kingdom)

- Workstation 1: Femoral Nerve Block. Roman ZUERCHER (Switzerland)
- Workstation 2: Adductor Canal Block (ACB). Ismet TOPCU (Turkey)
- Workstation 3: Genicular Nerve Block. Kris VERMEYLEN (Belgium)
- Workstation 4: iPACK. Olivier RONTES (France)

231



10:30 - 12:30

360° AGORA - SIMULATION SCIENTIFIC SESSION 2 **OBSTETRICS - LABOUR ANALGESIA**

Animators: Archana ARETI (India), Shri Vidya NIRANJAN KUMAR (India)
WS Leader: Ashokka BALAKRISHNAN (Singapore)

360° AGORA
HALL B

"Wednesday 06 September"

10:30 - 11:20

ASK THE EXPERT

Knee Denervation: What have we learned the last 10 years?

253

Chairperson: Efrossini (Gina) VOTTA-VELIS (USA)

- Knee Denervation: What have we learned the last 10 years? Philip PENG (Canada)
- Discussion.

11:10

11:10 - 11:45

PROBLEM BASED LEARNING DISCUSSION

My elderly hip fracture patient is in pain and cancelled.

242 A&B

Keynote Speaker: Admir HADZIC (Belgium)

Chairperson: Balavenkat SUBRAMANIAN (India)

- Discussion.

11:10 - 11:40

REFRESHING YOUR KNOWLEDGE

Guidelines on anticoagulation & regional anaesthesia.

243

Chairperson: Thomas VOLK (Germany)

- Guidelines on anticoagulation & regional anaesthesia. Clara LOBO (United Arab Emirates)
- Discussion.

11:10 - 11:40

TIPS AND TRICKS

How to prevent rebound pain after regional anaesthesia ?

251

Chairperson: Eric ALBRECHT (Switzerland)

- How to prevent rebound pain after regional anaesthesia ? Patricia LAVAND'HOMME (Belgium)
- Discussion.

11:25

11:25 - 11:55

REFRESHING YOUR KNOWLEDGE

Role of Tranexamic Acid (TXA) in high risk patients for major orthopedic surgery.

SALLE
MAILLOT

Chairperson: Lloyd TURBITT (United Kingdom)

- Role of Tranexamic Acid (TXA) in high risk patients for major orthopedic surgery. Steven PORTER (USA)
- Discussion.

11:30

11:30 - 12:20

ASK THE EXPERT

Thoracic epidurals for ERAS in thoracic and abdominal surgery - still relevant?

253

Chairperson: Eleni MOKA (Greece)

- Thoracic epidurals for ERAS in thoracic and abdominal surgery - still relevant? Steve COPPENS (Belgium)
- Discussion.

11:30 - 14:30

OFF SITE - HANDS - ON CADAVER WORKSHOP 2 - RA UPPER & LOWER LIMB BLOCKS, TRUNK BLOCKS

WS Leader: Peter MERJAVY (United Kingdom)

Anatomy Consultant on site: Thierry BEGUE (France)

Unique and exclusive for RA & Pain Cadaveric Workshops: Only whole-body cadavers will be available for the workshops. This is a fantastic opportunity to master your

"Wednesday 06 September"

needling skills, perform the actual blocks on fresh cadavers and to improve your ergonomics under direct supervision of world experts in regional anaesthesia and chronic pain management.

There won't be an organized transportation for going/back from the Cadaver workshop.

Public transportation is highly recommended:

Workshop Address:

Ecole de Chirurgie

8/10 Rue de Fossés Saint Marcel 75005 Paris

How to get to the Workshop?

By Metro from Le Palais des Congrès de Paris

Anatomy
Institute

35min

Station Neuilly - Porte Maillot line M1 (direction of Château de Vincennes)

Change at Palais Royal - Musée du Louvre into line M7 (direction of Villejuif-Louis Aragon) get off at Censier- Daubenton→5min walking

- Workstation 1. Upper Limb Blocks. [Ana LOPEZ](#) (Belgium)
ISB, SCB, AxB, cervical plexus (Supine Position)
- Workstation 2. Upper Limb and chest Blocks. [Hari KALAGARA](#) (USA)
ICB, IPPB/PSPB (PECS), SAPB (Supine Position)
- Workstation 3. Thoracic trunk blocks. [Alexandros MAKRIS](#) (Greece)
tPVB, ESP, ITP (Prone Position)
- Workstation 4. Abdominal trunk Blocks. [Suwimon TANGWIWAT](#) (Thailand)
TAP, RSB, IH/II (Supine Position)
- Workstation 5. Lower limb blocks. [Melody HERMAN](#) (USA)
SiFiB, PENG, FEMB, FTB, Adductor Canal B, Obturator (Supine Position)
- Workstation 6. Lower limb blocks. [Geert-Jan VAN GEFFEN](#) (The Netherlands)
QLBs, proximal and distal sciatic B, iPACK (Lateral Position)

11:30 - 12:20

**LIVE DEMONSTRATION - RA - 1
Ankle Blocks for Foot Surgery**

252 A&B

Demonstrators: [Alain DELBOS](#) (France), [Emmanuel GUNTZ](#) (Belgium)

11:50

11:50 - 12:25

**PROBLEM BASED LEARNING DISCUSSION
Preventing/ Decreasing LAST in Infants.**

242 A&B

Chairperson: [Claude ECOFFEY](#) (France)

- Preventing/ Decreasing LAST in Infants. [Guy WEINBERG](#) (USA)
- Discussion.

11:50 - 12:20

**REFRESHING YOUR KNOWLEDGE
Optimal Multimodal Analgesia Technique: What does it really mean?**

241

Chairperson: [Narinder RAWAL](#) (Sweden)

- Optimal Multimodal Analgesia Technique: What does it really mean? [Girish JOSHI](#) (USA)
- Discussion.

11:50 - 12:20

**REFRESHING YOUR KNOWLEDGE
Vertebral radiofrequency ablation.**

243

Chairperson: [Dan Sebastian DIRZU](#) (Romania)

"Wednesday 06 September"

- Vertebral radiofrequency ablation. [Magdalena ANITESCU](#) (USA)
- Discussion.

11:50 - 12:20

TIPS AND TRICKS

How to increase success of your radiofrequency procedure for joint pain?

Chairperson: [Steven COHEN](#) (USA)

251

- How to increase success of your radiofrequency procedure for joint pain? [Salim HAYEK](#) (USA)
- Discussion.

12:00

12:00 - 12:30

REFRESHING YOUR KNOWLEDGE

Stellate Ganglion Block and Post Traumatic Stress Disorder (PTSD)

Chairperson: [Poupak RAHIM ZADEH](#) (Islamic Republic of Iran)

SALLE
MAILLOT

- Stellate Ganglion Block and Post Traumatic Stress Disorder (PTSD). [Carlos PINO](#) (USA)
- Discussion.

EPOSTER SESSION 2 - STATION 1

Chairperson: [Romualdo DEL BUONO](#) (Italy)

- EP037 DEVELOPMENT OF AN AUTOMATED REGISTRY IN THE ELECTRONIC HEALTH RECORD TO TRACK PATIENTS MANAGED BY THE PERIOPERATIVE PAIN SERVICE: A RESEARCH AND QUALITY IMPROVEMENT TOOL.

[Alexandra SIDERIS](#) (New York, USA), [William CHAN](#), [Mary KELLY](#), [Samuel SCHUESSLER](#), [Patrick FRITZ](#), [Steering Committee POPS](#), [Spencer LIU](#), [Faye RIM](#)

- EP038 The efficacy of pericapsular nerve group (PENG) block in preoperative rehabilitation for patients with femoral-neck fractures: a pilot study. [Zhuan JIN](#) (Kamogawa, Japan), [Daisuke SUGIYAMA](#), [Fumiya HIGO](#), [Takahiro HIRATA](#), [Osamu KOBAYASHI](#), [Kenichi UEDA](#)

- EP039 Paravertebral and Quadratus Lumborum Block III in a Pulmonary Risk Patient Undergoing Laparoscopic Cholecystectomy: A Case Report. [Serpil SEHIRLIOGLU](#) (Istanbul, Turkey)

- EP040 Ultrasound Guided Sub-transverse interligamentary Block vs Erector spinae plane Block for post-operative pain management in Carcinoma Breast Patients undergoing Modified Radical Mastectomy. [Amrita RATH](#) (Varanasi, India)

- EP041 Factors associated with the development of postpartum depression after Caesarean delivery. [Sheryl Yu Xuan CHOW](#) (Singapore, Singapore), [Chin Wen TAN](#), [Hon Sen TAN](#), [Rehana SULTANA](#), [Daryl Jian'An TAN](#), [Ban Leong SNG](#)

- EP042 Spinal anesthesia for C-section in a patient with Hemophilia A: Case Report. [Francisco VAZ PEREIRA](#), [Teresa ROCHA HOMEM](#) (Lisbon, Portugal), [José GUERREIRO](#), [Maria Teresa ROCHA](#)

MID-DAY LUNCH BREAK AT EXHIBITION / E-POSTER VIEWING

EPOSTER SESSION 2 - STATION 2

Chairperson: [Luc TIELENS](#) (The Netherlands)

- EP043 COMPARISON OF EFFICACY OF ULTRASOUND GUIDED THORACIC PARAVERTEBRAL BLOCK (TPVB) WITH COMBINED PECTORAL NERVE BLOCK (PEC) AND PECTO-INTERCOSTAL FASCIAL BLOCK (PICF) FOR PERIOPERATIVE ANALGESIA IN MODIFIED RADICAL MASTECTOMY: A RANDOMISED CONTROL TRIAL. [Ajeet KUMAR](#) (Patna, India), [Adarsh M SHESAGIRI](#)

- EP044 Comparison of ultrasound guided bilateral intermediate cervical plexus block and superficial cervical plexus block in patients undergoing thyroid surgery under general anaesthesia. [Abhinav SHARMA](#), [Anjolie CHHABRA](#) (New Delhi, India), [Debesh BHOI](#), [Bikash Ranjan RAY](#), [Rakesh KUMAR](#), [Anurag SRIVASTAVA](#), [Karan MADAN](#), [Kalaivani MANI](#)

- EP045 A survey of regional anaesthetic /analgesic practices for oncological breast surgery across the United Kingdom. [Matthew BROWN](#), [John SCHUTZER-WEISSMANN](#), [Haren JOTHIRAJ](#), [Candice RAMDIN](#), [Smita Lisa Alwin ALMEIDA](#) (London, United Kingdom)

"Wednesday 06 September"

- EP046 Effectiveness of Best Practice Alert (BPA) in the prediction and reduction of postoperative hyponatremia. [Kethy JULES-ELYSEE](#) (New York, USA), [Kyle KUNZE](#), [James BECKMAN](#), [Linda RUSSELL](#), [Anna DISTAD](#), [Peter SCULCO](#), [Pa THOR](#), [Jonathan BEATHE](#)
- EP047 Regional anaesthetic alert bracelet project: identifying neurological damage early through patient empowerment. [Andrew PITCHER](#) (Worthing, United Kingdom), [Matthew FARRANT](#), [Rachel MATHERS](#), [Tanya HALL](#), [James WICKER](#)
- EP048 The Effect of Interscalene Block on Wound Healing and Immunity in Open Shoulder Surgery. [Arzu Esen TEKELI](#) (Van, Turkey), [Nureddin YUZKAT](#), [Cihan ADANAŞ](#), [Mehmet PARLAK](#), [Sanjib Das ADHIKARY](#)

EPOSTER SESSION 2 - STATION 3

Chairperson: [Wojciech GOLA](#) (Poland)

- EP049 Erector spine plane block with general anaesthesia compared with general anaesthesia without regional component for spine surgery: prospective randomized controlled trial. [Maksym BARS](#) (Rivne, Ukraine)
- EP050 ANALGESIC EFFICACY OF ULTRASOUND-GUIDED TRIPLE-LEVEL ERECTOR SPINAE PLANE BLOCK VERSUS TRIPLE-LEVEL COSTOTRANSVERSE FORAMEN BLOCK IN PATIENTS UNDERGOING PERCUTANEOUS NEPHROLITHOTOMY: A RANDOMIZED, DOUBLE-BLIND, NON-INFERIORITY TRIAL. [Niharika DAS](#) (New Delhi, India), [Virender Kumar MOHAN](#), [Debesh BHOI](#), [Lokesh KASHYAP](#), [Amlesh SETH](#), [Vanlal DARLONG](#)
- EP051 Comparison of analgesic efficacy between intrathecal analgesia and rectus sheath block in patients undergoing robot-assisted laparoscopic prostatectomy. [Jung-Woo SHIM](#), [Ko JEMIN](#) (Seoul, Korea), [Seunguk BANG](#)
- EP052 Fascicular injury is rare following needle transfixion: A study on median and ulnar isolated human nerves. [Jorge MEJIA](#) (Barcelona, Spain), [Victor VARELA](#), [Miguel Angel REINA](#), [Xavi SALA](#)
- EP053 SUBPARANEURAL SCIATIC NERVE BLOCK ABOVE AND BELOW ITS DIVERGENCE AT THE POPLITEAL FOSSA: A RANDOMIZED DOUBLE-BLIND STUDY. [Jatuporn PAKPIROM](#), [Ranjith Kumar SIVAKUMAR](#) (Hong Kong, Hong Kong), [Manoj Kumar KARMAKAR](#)
- EP054 Complications in Continuous Peripheral Nerve Blocks at Home: a retrospective cohort analysis of 1,370 Cases from a university-based hospital. [Natalia MOLINA](#) (Santiago, Chile), [Pablo MIRANDA](#), [Francisca ELGUETA](#), [Daniela BIGGS](#), [Fernando ALTERMATT](#)

EPOSTER SESSION 2 - STATION 4

Chairperson: To Be CONFIRMED

- EP055 An audit of postoperative prescribing patterns in a single centre. [Sophia ANGELOV](#), [Rachel NOLAN](#) (Dublin 7, Ireland), [Cian ANDERSON](#), [Daniel COFFEY](#), [Oscar DENNEHY](#), [Gabrielle IOHOM](#), [Aine O'GARA](#)
- EP056 Improving the quality of labour epidurals. [Charlote CARDUS](#), [Goyal RISHAV](#), [Benjamin PERKINS](#), [Leyla TURKOGLU](#) (London, United Kingdom)
- EP057 Cadaver study to describe the spread of injectate during simulated erector spinae blocks. [Francois RETIEF](#), [Zia MAHARAJ](#) (Cape Town, South Africa)
- EP058 Assessing the Reproducibility and Variability of Local Anaesthetic Diffusion in Genicular Nerve Block: A Cadaveric Study with 3D Imaging Analysis. [Tomás CUÑAT](#) (Barcelona, Spain), [Xavier SALA-BLANCH](#), [Alberto PRATS](#)
- EP059 National survey of welsh anaesthetic trainees experience of regional anaesthesia (RA) training after introduction of the Royal College of Anaesthetists 2021 curriculum. [Roman HRYNIV](#), [Josh PATCH](#) (Cardiff, United Kingdom), [Simon FORD](#)
- EP060 Comparative Analysis of Interscalene Nerve Catheter Types in Shoulder Arthroscopy Surgeries: A 7-Year Retrospective Study at a Single Institution. [Alper Tunga DOGAN](#) (Istanbul, Turkey), [Sami Kaan COSARCAN](#), [Omur ERCELEN](#), [Mehmet DEMIRHAN](#)

EPOSTER SESSION 2 - STATION 5

Chairperson: [Ismet TOPCU](#) (Turkey)

- EP061 The Effect of Femoral Nerve Block Versus Adductor Canal Block on the Quality of early Recovery after Revision Total Knee Arthroplasty, a retrospective Study. [Aboud ALJABARI](#) (Riyadh, Saudi Arabia)
- EP062 Patient satisfaction with nerve block analgesia techniques following ambulatory ankle replacement surgery. [Colin HALL](#) (Glasgow, United Kingdom), [Tam AL-ANI](#)
- EP063 A Single Needle Tip Position Approach 'The Middle Trunk' Block- for Supraclavicular Block: An Anatomic Cadaveric Study. [Sandeep DIWAN](#), [Anju GUPTA](#) (New Delhi, India), [Shivprakash SHIVAMALLAPPA](#), [Rasika TIMANE](#), [Pallavi PAI](#)
- EP064 Efficacy of Erector Spine Plane Block in Two Different Approaches of Lumbar Spinal Fusion Surgery.

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Jānis Verners BIRNBAUMS, [Agnese OZOLINA](#) (Riga, Latvia), Zane GLAZNIECE-KAGANE, Leonids SOLOVJOVS, Aleksandrs KAGANS, Jānis NEMME, Artis GULBIS

- EP065 Pneumocephalus with late presentation after combined spinal-epidural in a pregnant woman - a case report. Margarida TELO, [Rodrigo MARQUES FERREIRA](#) (Lisbon, Portugal), André MIRANDA, Pedro ANTUNES, Inês MARTINS CARVALHO
- EP066 A systematic review of the use of local anaesthetic wound infiltration by surgically placed rectus sheath catheters in patients undergoing abdominal surgery using midline incision. [Mohamed Aseef YEHIYAN](#) (Blackpool, United Kingdom)

EPOSTER SESSION 2 - STATION 6

Chairperson: Thomas WIESMANN (Germany)

- EP067 Specific features sedation for regional anesthesia during cesarean section with severe coronavirus pneumonia. [Evgeny ORESHNIKOV](#) (Cheboksary, Russia), Svetlana ORESHNIKOVA, Elvira VASILJEVA, Denisova TAMARA, Alexander ORESHNIKOV
- EP068 Cross-sectional Study In The Prevalence Of Low Back Pain Experienced After Delivery With And Without Epidural Analgesia. [Jennifer DUEÑAS](#) (Zapopan, Mexico), Christina CARBAJAL, Luz CONTRERAS, Esmeralda J. BLANCO R.
- EP069 A new kid on the block: Erector spinae plane block (ESPB) 'tea-trolley' teaching. [Alexander DUNN](#) (Birmingham, UK, United Kingdom), Anandh BALU
- EP070 INCIDENCE OF REBOUND PAIN IN PATIENTS WITH PERIPHERAL NERVE BLOCK: PRELIMINARY OBSERVATIONAL STUDY. [Funda ATAR](#) (Ankara, Turkey), Fatma ÖZKAN SIPAHIOĞLU, Filiz KARACA AKASLAN, Eda MACIT AYDIN, Evginar SEZER, Derya ÖZKAN
- EP071 Analgesia by continuous femoral catheter versus single puncture in knee arthroplasty. Results of the Acute Pain Program. Alvaro CERVERA PUCHADES, [Carlos DELGADO NAVARRO](#) (Valencia, Spain), Elena BIOSCA PÉREZ, María Reyes CORTES CASTILLO, María GALLEGU MULA, Cristian PALAU MARTÍ, Jose DE ANDRÉS IBÁÑEZ, Elvira PEREDA
- EP072 EVALUATION OF ONE LUNG VENTILATION WITH ULTRASOUND IN THORAC SURGERY OPERATIONS. [Hale AKSU](#) (Izmir, Turkey), Ayşe KARCI, Beyza OZKAN, Selin BOZKURT

14:00

14:00 - 14:50

SECOND OPINION BASED DISCUSSION

The right imaging modality for the right intervention in Pain Therapy: A Key to success?

Chairperson: Jose DE ANDRES (Spain)

- Fluoroscopy. Moutaz Essam EL ABASSY (Egypt)
- Ultrasound. Thomas HAAG (United Kingdom)
- Hybrid. Kenneth CANDIDO (USA)
- Clinical Relevance & Consensus Statement. Jose DE ANDRES (Spain)
- Discussion.

AMPHITHEATRE
BLEU

14:00 - 14:50

ASK THE EXPERT

Neurological complications and infections after neuraxial analgesia during labor

Keynote Speaker: Hector LACASSIE (Chile)

Chairperson: Kassiani THEODORAKI (Greece)

- Discussion.

SALLE
MAILLOT

14:00 - 14:50

LIVE DEMONSTRATION - PAIN - 1

Ultrasound-Guided Invasive Treatments for Musculoskeletal Pain

Demonstrators: Andrzej DASZKIEWICZ (Poland), Athmaja THOTTUNGAL (United Kingdom)

252 A&B

14:00 - 14:50

ASK THE EXPERT

Oxytocin: A Disease Modifying Treatment for Chronic Pain?

Chairperson: Patricia LAVAND'HOMME (Belgium)

251

"Wednesday 06 September"

- Oxytocin: A Disease Modifying Treatment for Chronic Pain? [James EISENACH](#) (USA)
- Discussion.

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 1
US Guided Lumbar Plexus Block: Parasagittal and Samrock Approaches for Hip and Knee Surgery

201

WS Expert: [Xavier SALA-BLANCH](#) (Spain)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 2
Basic Knowledge for US Guided Central Blocks

202

WS Expert: [Manoj KARMAKAR](#) (Hong Kong)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 3
Fascial Plane Blocks for Breast Surgery

203

WS Expert: [Teresa PARRAS](#) (Spain)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 4
US Guided Vascular Access in ICU and ER

204

WS Expert: [Valentina RANCATI](#) (Switzerland)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 5
RA in Trauma and ICU Patients: Which Blocks for Which Indications? - How to Avoid Masking Compartment Syndrome?

234

WS Expert: [Barbara RUPNIK](#) (Switzerland)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 6
Clavicular Fractures: What RA technique is the best?

235

WS Expert: [Laurent DELAUNAY](#) (France)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 7
Most Useful PNBs in Paediatric Clinical Practice

236

WS Expert: [Julio LAPALMA](#) (Argentina)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 8
Blocking for Paediatric Hip Surgery

237

WS Expert: [Can AKSU](#) (Turkey)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 9
Phrenic Nerve Sparing Blocks for Shoulder Surgery

224

WS Expert: [Axel SAUTER](#) (Norway)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 10
Blocks for Hip Surgery

225



"Wednesday 06 September"

WS Expert: Bartakke ASHISH (Spain)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 11
Blocks for Pelvic Surgery

226

WS Expert: Dave JOHNSTON (United Kingdom)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 12
Blocks for Foot and Ankle Surgery

227

WS Expert: Ashwani GUPTA (United Kingdom)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 13
Blocks for Hip Surgery

221

WS Expert: Dario BUGADA (Italy)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 14
Brachial Plexus Blocks

222

WS Expert: Sina GRAPE (Switzerland)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 15
QLB

223a

WS Expert: Wojciech GOLA (Poland)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 16
Blocks for Breast Surgery

231

WS Expert: Justin KO (Korea)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 17
Femoral Triangle and ACB

232

WS Expert: Thomas Fichtner BENDTSEN (Denmark)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 18
Neuraxial Blocks in Paediatrics

233a

WS Expert: Claude ECOFFEY (France)



14:00 - 14:50

PRO CON DEBATE

Dural puncture epidural is the optimal technique to initiate labour epidural analgesia.

Chairperson: Nuala LUCAS (United Kingdom)

241

– For the PRO. Brendan CARVALHO (USA)

– For the CON. Marc VAN DE VELDE (Belgium)

– Rebuttal.

– Discussion.

"Wednesday 06 September"

14:00 - 14:50

SECOND OPINION BASED DISCUSSION **Blocks for Breast Surgery**

Chairperson: [Julien RAFT](#) (France)

- Anatomy. [Fatma SARICAOLU](#) (Turkey)
- Block Description. [Amit PAWA](#) (United Kingdom)
- Second Opinion. [Jens BORGLUM](#) (Denmark)
- Clinical Relevance & Consensus Statement: Synthesis on Efficiency, Indications and Future of These Blocks. [Julien RAFT](#) (France)
- Discussion.

242 A&B

14:00 - 14:30

TIPS AND TRICKS

Catheters are useless: How to perform Single Shot Blocks and avoid Rebound Pain.

Chairperson: [Alain DELBOS](#) (France)

- Catheters are useless: How to perform Single Shot Blocks and avoid Rebound Pain. [Vishal UPPAL](#) (Canada)
- Discussion.

243

14:00 - 14:50

ASK THE EXPERT

How to decide which blocks are best in MY hospital for TKA.

Chairperson: [Sebastien BLOC](#) (France)

- How to decide which blocks are best in MY hospital for TKA. [Nabil ELKASSABANY](#) (USA)
- Discussion.

253

14:35

14:35 - 15:05

TIPS AND TRICKS

How to identify high risk patients and prevent CPSP in the OR.

Chairperson: [Sam ELDABE](#) (United Kingdom)

- How to identify high risk patients and prevent CPSP in the OR. [Andrzej KROL](#) (United Kingdom)
- Discussion.

243

15:00

AFTERNOON COFFEE BREAK AT EXHIBITION / ePOSTER VIEWING

EPOSTER SESSION 3 - STATION 1

Chairperson: [David MOORE](#) (Ireland)

- EP073 A pilot study of ultrasound guided gastric antrum area for the detection of postoperative ileus after colectomy in elective adult patients. [William WATSON](#) (Melbourne, Australia), [Tuong PHAN](#), [Louisa BHANABHAI](#), [Harsh DUBEY](#), [Basil D'SOUZA](#), [Ranah LIM](#)
- EP074 Enhancing Analgesia for a Kocher Incision: Incorporating External Oblique Intercostal Block in Multimodal Analgesia - A Case Series. [Sara AMARAL](#) (Florianópolis, Brazil), [Heitor MEDEIROS](#), [Rafael LOMBARDI](#), [Marcelo BANDEIRA](#), [Wallace ANDRINO DA SILVA](#), [Amit PAWA](#)
- EP075 Pain Management In Minimally Invasive Cardiac Surgery: A Systematic Review and Meta-Analysis of the Erector Spinae Plane Block versus Control. [Marcela TATSCH TERRES](#), [Maria Luísa ASSIS](#), [Rita Gonçalves CARDOSO](#) (Guimarães, Portugal), [Sara AMARAL](#)
- EP076 Improving patient safety with the RA-AB bracelet in the non-obstetric population. [Rachel MATHERS](#) (Belfast, United Kingdom), [Sean MCMAHON](#)
- EP077 Rebound intracranial hypertension post epidural blood patch. [Catarina VIEGAS](#), [Catarina CUNHA E SOUSA](#) (Porto, Portugal), [Paula REBELO](#), [Liliana IGREJA](#), [Hermínia CABIDO](#)

"Wednesday 06 September"

– EP078 Motor blockade in labor analgesia: look at the bright side. Ana FRANCO, [Roberto AMEIRO](#) (Porto, Portugal), Nuno LAREIRO, Raquel PONTES, Tiago GOMES

EPOSTER SESSION 3 - STATION 2

Chairperson: Nat HASLAM (United Kingdom)

- EP079 Intercostal nerve neurolysis for cancer-associated chest wall pain: a case report. Catarina DUARTE, [Mariano VEIGA](#) (Lisboa, Portugal), João GALACHO
- EP080 Artificial intelligence in regional anesthesia: current utility and limitations: Making Regional anesthesia powered by AI. [Chitrambika P KRISHNA DAS M](#) (palakkad, India), Yasser Mohamed REDA ABASS TOBLE
- EP082 Ultrasound-guided obturator nerve block in transurethral resection of bladder cancer: A prospective randomized comparative trial of a single-proximal injection protocol versus a double-distal injection protocol. Yavuz SAYGILI, [Selin GUVEN KOSE](#) (Izmit, Turkey), Kose CIHAN, Taylan AKKAYA
- EP083 Chemical neurolysis for the conservative treatment of hip fractures: a case series. Catarina DUARTE, [Mariano VEIGA](#) (Lisboa, Portugal), João GALACHO, Rita MORATO, Alexandra RESENDE
- EP084 An effective and safe procedure for anococcygeal pain syndrome: Combination of ganglion impar block and caudal epidural steroid injection. Fatemeh FARHAM, Gözde CELIK, [Aslihan GÜLEC KILIC](#) (Ankara, Turkey), Nurten İNAN

EPOSTER SESSION 3 - STATION 3

Chairperson: Lara RIBEIRO (Portugal)

- EP086 General anaesthesia versus regional anaesthesia for plastics hand trauma surgery. [Mykhaylo SHUMEYKO](#) (Glasgow, United Kingdom), Tammar AL-ANI
- EP087 Persistent Incisional Pain after Noncardiac Surgery: Epidemiology And Risk Factors. [Arturo RODRÍGUEZ TESTÓN](#) (Valencia, Spain), Elvira PEREDA GONZÁLEZ, Nicolás FERRER FORTEZA-REY, Santiago Patterson PABLO, Pérez Marí VIOLETA, Carregi Villegas RICARDO, José DE ANDRÉS IBÁÑEZ
- EP088 The Efficacy of Spinal Cord Stimulation in the Management of Diabetic Peripheral Neuropathy. [Jennifer UYERE](#) (Los Angeles, USA), Fabiola VAZQUEZ PADILLA, Paola Lorena SOTELO FLORES, Ian Philip BARRERA
- EP089 Assessing incidence of discharges with opioid analgesia: results from a single centre retrospective cohort study. Mahaveer SANGHA, Pooja SHAH, [Shoomena ANIL](#) (Oxford, United Kingdom), William ELIA, Nawal NAHAL
- EP090 Comparison of Postoperative Analgesia Methods in Patients Undergoing Major Intraabdominal Surgery. [Gamze CABAKLI](#) (Çekmeköy, Turkey), Gulsen Cebecik TEOMETE, Beliz BILGILI

EPOSTER SESSION 3 - STATION 4

Chairperson: Aleksejs MISCUKS (Latvia)

- EP091 CONTINUOUS WOUND INFUSION (CWI) MAY BE A VALID ALTERNATIVE FOR POSTOPERATIVE ANALGESIA AFTER ABDOMINAL HYSTERECTOMY. [Costa FABIO](#) (ROME, Italy), Alessandro RUGGIERO, Martina CUCCARELLI, Eleonora BRUNO, Francesco PLOTTI, Giuseppe MESSINA, Davide SAMMARTINI, Emanuele SAMMARTINI
- EP092 A Prospective Evaluation of Percutaneous Vertebroplasty in Osteoporotic Vertebral Compression Fracture Patients. [Shivani RASTOGI](#) (Lucknow, India), Yasum LATIN, Anurag AGRAWAL, Shilpi MISHRA
- EP093 The FLACC Behavioral Scale for Post-operative Pain: Validity and Reliability in Children of more than Six Years Old. [Samir BOUDIAHFA](#) (ORAN, Algeria), Mohammed KENDOUSI
- EP094 Percutaneous disc decompression with eutermic laser. A follow up case study. Violeta PÉREZ MARÍ, Elvira PEREDA GONZALEZ, Pablo SANTIAGO PATTERSON, Pablo RODRIGUEZ GIMILLO, Carlos DELGADO NAVARRO, Alvaro CERVERA PUCHADES, Ferran MARQUES PEIRO, [Jose DE ANDRES IBÁÑEZ](#) (Valencia (Spain), Spain)
- EP096 Comparative study of ultrasound assisted verses conventional surface landmark guided technique for Combined spinal epidural placement in difficult surface anatomy of lower back: a Prospective randomised control trial. [Chitrambika P KRISHNA DAS M](#) (palakkad, India), Madhu GUPTHA, Mohd Anas KHAN

EPOSTER SESSION 3 - STATION 5

Chairperson: Marcus NEUMUELLER (Austria)

- EP097 A Radiologic and Anatomic Assessment of spread of Injectate Using two Different Mechanical Infusion

"Wednesday 06 September"

Pumps. [Sanjib ADHIKARY](#) (Hershey, Pennsylvania, USA), [Blake WOLFE](#), [Kist MADISON](#), [Evan GOLDMAN](#)

– EP098 INPATIENT DRONABINOL UTILIZATION: AN INSTITUTIONAL RETROSPECTIVE STUDY TO DETERMINE REASONS FOR USE IN ORTHOPEDIC SURGICAL PATIENTS. [Alexandra SIDERIS](#) (New York, USA), [William CHAN](#), [Jiabin LIU](#), [Stavros G. MENTSOUDIS](#)

– EP099 Management of intractable peripheral neuropathic pain with peripheral neurostimulation: 2 case reports. [Fani ALEVROGIANNI](#) (Athens, Greece), [Evmorfia STAVROPOULOU](#), [Psathas THOMAS](#), [Mitakidi EVANGELIA](#), [Bairaktari AGGELIKI](#)

– EP100 EPIDURAL PLACEMENT IN A PREGNANT WOMAN WITH UNKNOWN VON WILLEBRAND DISEASE TYPE AND SEVERITY...WHAT COULD GO WRONG? [Ashley HUGHES](#), [Michelle DACOSTA](#) (SAN ANTONIO, USA), [Gabrielle MONTES](#)

– EP100 FUNCTIONAL IMPROVEMENT AND FREQUENCY OF NEUROPATHIC PAIN IN PATIENTS WITH CHRONIC LOW BACK PAIN USING STANDARDIZED TOOLS: A PROSPECTIVE OBSERVATIONAL STUDY. [Ali Sarfraz SIDDIQUI](#) (KARACHI, Pakistan), [Zainab SHABBIR](#), [Shemila ABBASI](#), [Gauhar AFSHAN](#)

– EP101 General vs Regional Anaesthesia in Upper Limb Orthopaedic Day Surgery. [Albert HANEKOM](#) (Dublin, Ireland), [Ben MULHOLLAND](#), [Mustafa Akan ZUBAIRU](#), [Petr JEMELIK](#), [Sudhir IMMANNI](#)

EPOSTER SESSION 3 - STATION 6

Chairperson: [Kassiani THEODORAKI](#) (Greece)

– EP103 Regional Vs General Anesthesia in the management of hip fracture surgery: Who leads so far?

[Monica Andreea SANDU](#) (Bucharest, Romania)

– EP104 ASSESSMENT OF DAYS ALIVE AND OUT OF HOSPITAL AS A PATIENT-CENTERED OUTCOME AFTER LUNG TRANSPLANTATION. [Park JIN HA](#) (Seoul, Korea), [Kim HYE SU](#)

– EP105 Local anaesthetic challenge testing in term pregnancy: a case report. [Sarrah EL BADAWI](#), [Ashwin Kumar DAKOORI](#) (Coventry, United Kingdom), [Manoj RAVINDRAN](#)

– EP106 Novel therapeutic agents in pain management of patients with fibromyalgia. [Iván Andrés GOVEO RIVERA](#) (Dorado, PR, Puerto Rico), [Joey Manuel MIRANDA POLONIA](#), [Jean Ashley DÍAZ RIVERA](#)

– EP107 Epidural anesthesia in the pregnant woman with multiple sclerosis undergoing cesarean section: a safe option. [Rita LOPES DINIS](#), [Bárbara SOUSA](#) (Lisboa, Portugal), [Rita PATO](#), [Ana FAÍSCO](#), [Fernando MANSO](#)

– EP108 Analgesic efficacy of IPACK block in primary total knee arthroplasty. [Benamar FEDILI](#), [Allaoua BOUCHAL](#), [Saad CHERIGUI](#), [Yassine HOUMEL](#), [Youssef MESSAOUDENE](#) (Algiers, Algeria), [Hassane OUAHES](#)

15:01

15:01 - 18:00

OFF SITE - HANDS - ON CADAVER WORKSHOP 3 - RA UPPER & LOWER LIMB BLOCKS, TRUNK BLOCKS

WS Leader: [Sebastien BLOC](#) (France)

Anatomy Consultant on site: [Thierry BEGUE](#) (France)

Unique and exclusive for RA & Pain Cadaveric Workshops: Only whole-body cadavers will be available for the workshops. This is a fantastic opportunity to master your needling skills, perform the actual blocks on fresh cadavers and to improve your ergonomics under direct supervision of world experts in regional anaesthesia and chronic pain management.

There won't be an organized transportation for going/back from the Cadaver workshop.

Public transportation is highly recommended:

Workshop Address:

Ecole de Chirurgie

8/10 Rue de Fossés Saint Marcel 75005 Paris

How to get to the Workshop?

By Metro from Le Palais des Congrès de Paris

35min

Station Neuilly - Porte Maillot line M1 (direction of Château de Vincennes)

Change at Palais Royal - Musée du Louvre into line M7 (direction of Villejuif-Louis Aragon) get off at Censier- Daubenton→5min walking

– Workstation 1. Upper Limb Blocks. [Wolf ARMBRUSTER](#) (Germany)
ISB, SCB, AxB, cervical plexus (Supine Position)

– Workstation 2. Upper Limb and chest Blocks. [Packianathaswamy BALAJI](#) (United Kingdom)
ICB, IPPB/PSPB (PECS), SAPB (Supine Position)

Anatomy
Institute

"Wednesday 06 September"

- Workstation 3. Thoracic trunk blocks. [Vicente ROQUES](#) (Spain)
tPVB, ESP, ITP (Prone Position)
- Workstation 4. Abdominal trunk Blocks. [Kris VERMEYLEN](#) (Belgium)
TAP, RSB, IH/II (Supine Position)
- Workstation 5. Lower limb blocks. [Olivier CHOQUET](#) (France)
SiFiB, PENG, FEMB, FTB, Adductor Canal B, Obturator (Supine Position)
- Workstation 6. Lower limb blocks. [Romualdo DEL BUONO](#) (Italy)
QLBs, proximal and distal sciatic B, iPACK (Lateral Position)

15:30

15:30 - 16:20

ASK THE EXPERT

Research gaps in postoperative analgesia

Chairperson: [Andre VAN ZUNDERT](#) (Australia)

SALLE
MAILLOT

- Research gaps in postoperative analgesia. [Marc VAN DE VELDE](#) (Belgium)
- Discussion.

15:30 - 16:20

LIVE DEMONSTRATION - RA - 2

LOWER LIMB - All Blocks you need to know for Successful Practice in One Go (Femoral Nerve, Femoral Triangle, Adductor Canal, Proximal Sciatic, Popliteal, Ankle Block)

252 A&B

Demonstrators: [Thomas Fichtner BENDTSEN](#) (Denmark), [Xavier SALA-BLANCH](#) (Spain)

15:30 - 17:20

NETWORKING SESSION

Pain Services around the Globe: What can we learn from each other?

Chairperson: [Jose DE ANDRES](#) (Spain)

242 A&B

- The European Experience. [Luis GARCIA-LARREA](#) (France)
- The North American Perspective. [Samer NAROUZE](#) (USA)
- The Input from Latin America. [Juan Carlos FLORES](#) (Argentina)
- The Asian Experience. [Carina LI](#) (Hong Kong)
- Africa: The experience from a limited resources country. [Mamadou Mour TRAORE](#) (Senegal)
- Discussion.

15:30 - 16:20

SECOND OPINION BASED DISCUSSION

Anatomical Basis of Modern Blocks

Chairperson: [Louise MORAN](#) (Ireland)

241

- Anatomy & Block Description. [Sandeep DIWAN](#) (India)
- Second Opinion. [Peter MARHOFER](#) (Austria)
- Clinical Relevance & Consensus Statement. [Louise MORAN](#) (Ireland)
- Discussion.

15:30 - 16:00

BEST INFOGRAPHIC COMPETITION

Jurys: [Paolo GROSSI](#) (Italy), [Brian KINIRONS](#) (Ireland), [Clara LOBO](#) (United Arab Emirates),
[Ana Patrícia MARTINS PEREIRA](#) (Portugal)

36570 - Regional anesthesia and acute compartment syndrome - Are we talking the same language? - Schuldt Patrick
36777- Ultrasound Facilitated Neuraxial Anaesthesia- Hassan Amr
36928- Peripheral Nerve Blocks and Acute Compartmental Syndrome- Amaral Sara

"Wednesday 06 September"

36995 - *Analgesia intrathecal and morphine* - Calza Luisina
37004 - *FETAL SURGERY AND REGIONAL ANESTHESIA*- Suarez Sanchez Ana Maria
37052 - *Sonoanatomy signs to identify the sacral hiatus for caudal epidural* - Marcos Salmerón
37067 - *Sacral ESP: A guide for a novel block* - Gupta Anju
37089 - *Don't Always Blame the Block* - Becker Dania
37123 - *Can you climb a flight of steps?* - Tellechea Inês
37143 - *The Technique of the Clavipectoral Fascia Plane Block for Midshaft Clavicular Fractures* - Labandeyra Hipolito

251

15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 5 - CHRONIC PAIN **US Guided Treatment of Common Chronic Pain Conditions**

WS Leader: Peter KENDERESSY (Slovakia)

- Workstation 1: Complex Regional Pain Syndrome of Upper Limb - Stellate Ganglion Block (Cervical Sympathetic Block). Maurizio MARCHESINI (Italy)
- Workstation 2: Chest Pain, Costochondritis, Post-Thoracotomy Pain - Intercostal Nerve Block, Paravertebral Block, Pectoralis Nerve Block. Esperanza ORTIGOSA (Spain)
- Workstation 3: Neuropathy after Surgery - Ilioinguinal, Iliohypogastric & Abdominal Cutaneous Nerve Entrapment Syndrome (ACNES). Graham SIMPSON (United Kingdom)
- Workstation 4: Management of Meralgia Paresthetica - Lateral Femoral Cutaneous Nerve Block, Testicle Pain & Genitofemoral Nerve Block. Ovidiu PALEA (Romania)

201

15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 4 - RA **Basic PNBs Useful in Daily Clinical Practice**

WS Leader: Olivier RONTES (France)

- Workstation 1: Basic Knowledge for Shoulder and Elbow Surgery - Interscalene and Supraclavicular Nerve Blocks. Alexandros MAKRI (Greece)
- Workstation 2: Basic Knowledge for Elbow and Hand Surgery - Axillary Nerve Block. John MCDONNELL (Ireland)
- Workstation 3: Basic Knowledge for Hip and Knee Surgery - Femoral Nerve Block, Fascia Iliaca Block and Blocks of Obturator Nerve and Lateral Cutaneous Nerve of the Thigh. Matthias DESMET (Belgium)
- Workstation 4: Basic Knowledge for Knee and Foot Surgery - Proximal Subgluteal Sciatic and Popliteal Nerve Blocks. Luc SERMEUS (Belgium)

234

15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 5 - RA **Ultrasound-Guided Fascial Plane Blocks of the Chest Wall**

WS Leader: Sina GRAPE (Switzerland)

- Workstation 1: Anterolateral Chest Wall Blocks - PECS1, PECS2, Serratus Anterior Plane Blocks. Ismet TOPCU (Turkey)
- Workstation 2: Anteromedial Chest Wall Blocks - Transversus Thoracis Plane Block & Pecto-Intercostal Fascial Plane Block. Luis Fernando VALDES VILCHES (Spain)
- Workstation 3: Posterior Chest Wall Blocks (I) - ESPB, Retrolaminar Block, Midpoint Transverse Process-to-Pleura (MTP) Block. Yavuz GURKAN (Turkey)
- Workstation 4: Posterior Chest Wall Blocks (II) - Paraspinal Intercostal Plane Blocks, Rhomboid Intercostal Subserratus Plane (RISS) Block. Ki Jinn CHIN (Canada)

224

15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 6 - RA **UGRA Repertoire for the Abdominal Surgery OR**

WS Leader: Lara RIBEIRO (Portugal)

"Wednesday 06 September"

221

- Workstation 1: Basic Blocks for Pain Free Abdominal Surgery (I) - Transabdominal Plane Blocks (TAP). [Matthew OLDMAN](#) (United Kingdom)
- Workstation 2: Basic Blocks for Pain Free Abdominal Surgery (II) - Rectus Sheath, Ilioinguinal and Iliohypogastric Nerve Blocks. [Jakub HLASNY](#) (Ireland)
- Workstation 3: Quadratus Lumborum Blocks (QLB). [Jens BORGLUM](#) (Denmark)



15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 7 - RA UGRA Repertoire for the Thoracic Surgery OR

WS Leader: [Emine Aysu SALVIZ](#) (USA)

- Workstation 1: Lung Surgery without Thoracic Epidurals - Different Approaches for Paravertebral and Intercostal Nerve Blocks. [Madan NARAYANAN](#) (United Kingdom)
- Workstation 2: Modern Anaesthesia and Analgesia for Breast and Thoracic Wall Surgery - BRILMA, PECS1, PECS2. [Peñafrancia CANO](#) (Philippines)
- Workstation 3: Erector Spinae Plane Block (ESP Block). [Attila BONDAR](#) (Ireland)
- Workstation 4: US Guided Central Blocks. [Danny HOOGMA](#) (Belgium)

231



15:30 - 16:30

360° AGORA - INTERACTIVE CLINICAL WORKSHOP & LIVE DISCUSSION How to use AI in practical terms for Anaesthesiologists

360° AGORA
HALL B

WS Leader: [Rajnish GUPTA](#) (USA)

15:30 - 16:00

REFRESHING YOUR KNOWLEDGE How to implement a proficiency based RA Curriculum?

Chairperson: [James EISENACH](#) (USA)

243

- How to implement a proficiency based RA Curriculum? [Brian O'DONNELL](#) (Ireland)
- Discussion.

15:30 - 17:20

BEST FREE PAPER 1 - RA

Chairperson: [Dan Sebastian DIRZU](#) (Romania)

Jury: [Steve COPPENS](#) (Belgium), [Wojciech GOLA](#) (Poland), [Julien RAFT](#) (France), [Thomas WIESMANN](#) (Germany)

- OP001 PROSPECT Guideline for Haemorrhoid Surgery: A Systematic Review and Procedure-specific Postoperative Pain Management Recommendations. [Alexis BIKFALVI](#) (Lausanne, Switzerland), [Charlotte FAES](#), [Stephan M. FREYS](#), [Girish P. JOSHI](#), [Marc VAN DE VELDE](#), [Eric ALBRECHT](#)
- OP002 PAK4 inhibitor reduces remifentanyl-induced postoperative hyperalgesia in rat. [Zhang TIANYAO](#) (Chengdu, China), [Dong SHUHUA](#), [Cui CHANG](#), [Zhang YONGJUN](#), [Zeng LING](#)
- OP003 IPACK (Infiltration between the Popliteal Artery and the Capsule of the Knee) and Adductor Canal Block (ACB) versus Periarticular Injection (PAI) Enhances Postoperative Pain Control in Anterior cruciate ligament (ACL) repair: A Randomized Controlled Trial. [Aboud ALJABARI](#) (Riyadh, Saudi Arabia)
- OP004 High- versus low- dose dexamethasone (DEX) for postoperative analgesia after caesarean section (CS): A randomized, double-blind, two-center study. [Charlotte DE LOECKER](#) (Leuven, Belgium), [Eva ROOFTHOFT](#), [Cynthia A WONG](#), [Henrik KEHLET](#), [Steffen REX](#), [Marc VAN DE VELDE](#)
- OP005 Comparison of efficacy of ultrasound guided serratus anterior plane block versus erector spinae plane block for postoperative analgesia after modified radical mastectomy-a randomized controlled trial. [Vinod KUMAR](#), [Deepti AHUJA](#), [Nishkarsh GUPTA](#) (Delhi, India), [Sushma BHATNAGAR](#), [Seema MISHRA](#), [Sachidanand Jee BHARATI](#), [Rakesh GARG](#)
- OP006 Effect on sacral spread of local anesthetic with 27-G spinal needle Dural Puncture Epidural Analgesia compared to Epidural Analgesia during labor: a randomised, controlled trial. [Nicoletta FILETICI](#) (Rome, Italy), [Luciano FRASSANITO](#), [Marc VAN DE VELDE](#), [Lawrence TSEN](#), [Bruno Antonio ZANFINI](#), [Stefano CATARCI](#), [Mariano CIANCIA](#), [Gaetano DRAISCI](#)
- OP007 Analgesic efficacy of selective tibial nerve block versus partial local infiltration analgesia for posterior pain after total knee arthroplasty: a randomised, controlled, triple-blinded trial.

253

"Wednesday 06 September"

Frédérique PAULOU (Lausanne, Switzerland), **Eric ALBRECHT**, **Erin GONVERS**, **Julien WEGRZYN**, **Maya KAEGI**
– OP008 Evaluation of the ‘sip til send’ regimen before caesarean delivery using bedside gastric ultrasound: a paired pragmatic cohort study. **Shane KELLY** (Dublin, Ireland), **Jesse CONNORS**, **Colleen HARNETT**, **Terry TAN**, **Ryan HOWLE**
– OP009 EXTRAFASCIAL INJECTION VERSUS INTRAFASCIAL INJECTION FOR INTERSCALENE BRACHIAL PLEXUS BLOCK: A SYSTEMATIC REVIEW AND META-ANALYSIS. **Eslam AFIFI**, **Mazen Negmeldin Aly YASSIN**, **Mohamed EL-SAMAHY**, **Yusra ARAFEH**, **Mahfouz SHARAPI** (Dublin, Ireland), **Jubil THOMAS**

16:10

16:10 - 16:40

REFRESHING YOUR KNOWLEDGE

Demystifying the use of opioids in pain therapy and palliative care

Chairperson: **Arun BHASKAR** (United Kingdom)

251

- Demystifying the use of opioids in pain therapy and palliative care. **Ioanna SIAFAKA** (Greece)
- Discussion.

16:10 - 16:40

REFRESHING YOUR KNOWLEDGE

Rescue Blocks in PACU: Legal Issues and Options.

Chairperson: **Emmanuel GUNTZ** (Belgium)

243

- Rescue Blocks in PACU: Legal Issues and Options. **Melody HERMAN** (USA)
- Discussion.

16:30

16:30 - 17:20

ASK THE EXPERT

Women in Anaesthesia: Are We making any progress?

Chairperson: **Giustino VARRASSI** (Italy)

SALLE
MAILLOT

- Women in Anaesthesia: Are We making any progress? **Karine NOUETTE-GAULAIN** (France)
- Discussion.

16:30 - 17:20

LIVE DEMONSTRATION - PAIN - 2 Spinal Pain

252 A&B

Demonstrators: **Urs EICHENBERGER** (Switzerland), **Andrzej KROL** (United Kingdom)

16:30 - 17:20

ASK THE EXPERT

Contraindications to Neuraxial Anaesthesia: How elastic are the boundaries?

Chairperson: **Brian KINIRONS** (Ireland)

241

- Contraindications to Neuraxial Anaesthesia: How elastic are the boundaries? **Alan MACFARLANE** (United Kingdom)
- Discussion.

16:40

16:40 - 17:40

360° AGORA - INTERACTIVE CLINICAL WORKSHOP & LIVE DISCUSSION RA in Ophthalmic Surgery: A Comprehensive Overview for a Safer Practice

360° AGORA
HALL B

WS Experts: **Lucie BEYLACQ** (France), **Friedrich LERSCH** (Switzerland)

16:50

16:50 - 17:20

REFRESHING YOUR KNOWLEDGE

Regional Anaesthesia in Emergency Disasters.

Chairperson: **Dmytro DMYTRIIEV** (Ukraine)

243

"Wednesday 06 September"

- Regional Anaesthesia in Emergency Disasters. [Can AKSU](#) (Turkey)
- Discussion.

16:50 - 17:20

TIPS AND TRICKS

Shoulder denervation. What is new?

Chairperson: [Marcus NEUMUELLER](#) (Austria)

251

- Shoulder denervation. What is new? [Agi STOGICZA](#) (Hungary)
- Discussion.

17:30

17:30 - 18:00

REFRESHING YOUR KNOWLEDGE

Which types of PNBs should be included in residency training programs

Chairperson: [Eugene VISCUSI](#) (USA)

SALLE
MAILLOT

- Which types of PNBs should be included in residency training programs. [Fernando ALTERMATT](#) (Chile)
- Discussion.

17:30 - 18:15

LIVE DEMONSTRATION - RA - 3

Thoracic Wall Blocks (PECS 1 & 2, Serratus Plane Block, ESP, PVB)

252 A&B

Demonstrators: [Brian O'DONNELL](#) (Ireland), [Amit PAWA](#) (United Kingdom)

17:30 - 18:00

REFRESHING YOUR KNOWLEDGE

I.V. Lidocaine infusions in the Intensive Care Unit.

Chairperson: [Edward MARIANO](#) (USA)

241

- I.V. Lidocaine infusions in the Intensive Care Unit. [Alain BERGEAT](#) (Switzerland)
- Discussion.

17:30 - 18:00

REFRESHING YOUR KNOWLEDGE

Fascial Plane Blocks: Current Evidence and Controversies

Chairperson: [Valeria MOSSETTI](#) (Italy)

242 A&B

- Fascial Plane Blocks: Current Evidence and Controversies. [Rafael BLANCO](#) (United Arab Emirates)
- Discussion.

17:30 - 18:00

REFRESHING YOUR KNOWLEDGE

How to effectively use US for epidurals in obese patients.

Chairperson: [Patrick NARCHI](#) (France)

243

- How to effectively use US for epidurals in obese patients. [Brian KINIRONS](#) (Ireland)
- Discussion.

17:30 - 18:00

REFRESHING YOUR KNOWLEDGE

Needle Visualization Techniques.

Chairperson: [Thomas VOLK](#) (Germany)

251

"Wednesday 06 September"

- Needle Visualization Techniques. [Luis Fernando VALDES VILCHES](#) (Spain)
- Discussion.

17:30 - 18:00

TIPS AND TRICKS

Essentials of POCUS: How to learn it in 5 easy steps.

Chairperson: [Nadia HERNANDEZ](#) (USA)

253

- Essentials of POCUS: How to learn it in 5 easy steps. [Rosie HOGG](#) (United Kingdom)
- Discussion.

18:15

18:15 - 19:30

OPENING CEREMONY - WELCOME SESSION

Awardees:

- *Carl Koller Award*
- *Recognition in RA Education Award*
- *Recognition in Chronic Pain Education Award*

- Welcome words from ESRA president. [Thomas VOLK](#) (Germany)
- Welcome words from ASRA president. [David PROVENZANO](#) (USA)
- Welcome words from AFSRA president. [Ezzat SAMY AZIZ](#) (Egypt)
- Welcome words from LASRA president. [Juan Carlos DE LA CUADRA FONTAINE](#) (Chile)
- Welcome words from AOSRA-PM president. [Balavenkat SUBRAMANIAN](#) (India)
- Carl Koller Award. [Manoj KARMAKAR](#) (Hong Kong)
- Recognition in RA education Award. [Clara LOBO](#) (United Arab Emirates), [Morne WOLMARANS](#) (United Kingdom)
- Recognition in CP education Award. [Philip PENG](#) (Canada)

AMPHITHEATRE
BLEU

Thursday 07 September

08:00

08:00 - 09:50

NETWORKING SESSION

The Number "One" Questions in any RA Workshop are Finally Answered!

Chairperson: [Axel SAUTER](#) (Norway)

- Which LA concentration do you use to avoid LA neurotoxicity? [Alain BORGEAT](#) (Switzerland)
- Which LA do you select? [Pia JÆGER](#) (Denmark)
- What volume do you inject? [Alan MACFARLANE](#) (United Kingdom)
- In Plane versus Out of Plane: What is the best? [Paul KESSLER](#) (Germany)
- Discussion.

AMPHITHEATRE
BLEU

08:00 - 09:50

NETWORKING SESSION

Highlighting the Guidelines for Pain Physicians

Chairperson: [Oya Yalcin COK](#) (Turkey)

- International Guidelines for Cervical and Lumbar Interventions. [Steven COHEN](#) (USA)
- Guidelines on Anticoagulants Handling during Interventional Pain Procedures. [Athmaja THOTTUNGAL](#) (United Kingdom)
- Antisepsis & Infection Guidelines during Acute and Chronic Pain Interventions. [David PROVENZANO](#) (USA)
- Update on Steroid Guidelines for Pain Procedures. [Samer NAROUZE](#) (USA)
- Discussion.

SALLE
MAILLOT

"Thursday 07 September"

08:00 - 08:50

LIVE DEMONSTRATION - PAIN - 3

Ultrasound-guided invasive treatments for joint pain

252 A&B

Demonstrators: [Gustavo FABREGAT](#) (Spain), [Thomas HAAG](#) (United Kingdom)

08:00 - 08:50

LIVE DEMONSTRATION - RA - 4

Abdominal Wall Blocks: An Overview and Clinical Pearls (TAP, QLB)

242 A&B

Demonstrators: [Jens BORGLUM](#) (Denmark), [Mario FAJARDO PEREZ](#) (Spain)

08:00 - 08:30

REFRESHING YOUR KNOWLEDGE

Acute Pain Services need to become Transitional ones

241

Chairperson: [Patricia LAVAND'HOMME](#) (Belgium)

- Acute Pain Services need to become Transitional ones. [Reda TOLBA](#) (United Arab Emirates)
- Discussion.

08:00 - 09:15

PANEL DISCUSSION

ERAS: How to improve an old(er) concept?

Chairperson: [Narinder RAWAL](#) (Sweden)

251

- POCUS: An essential element of ERAS Programs. [Peter VAN DE PUTTE](#) (Belgium)
- Thoracic Spinal Anaesthesia: Does it fit in ERAS Programs? [Andre VAN ZUNDERT](#) (Australia)
- From Neuraxial to Fascial Plane Blocks and Infiltration. [Nadia HERNANDEZ](#) (USA)
- Update on Opioids - Should they be included in ERAS Programs? [Eugene VISCUSI](#) (USA)
- Discussion.

08:00 - 08:30

REFRESHING YOUR KNOWLEDGE

Perioperative Management of Patients on Intrathecal Drug Delivery Systems

243

Chairperson: [Athina VADALOUCA](#) (Greece)

- Perioperative Management of Patients on Intrathecal Drug Delivery Systems. [Christophe PERRUCHOU](#) (Switzerland)
- Discussion.

08:00 - 08:50

ASK THE EXPERT

The role TRPA1 channel in inflammatory and neuropathic pain

253

Chairperson: [Magdalena ANITESCU](#) (USA)

- The role TRPA1 channel in inflammatory and neuropathic pain. [Daisuke SUGIYAMA](#) (Japan)
- Discussion.

08:00 - 11:00

**OFF SITE - HANDS - ON CADAVER WORKSHOP 4 - RA
UPPER & LOWER LIMB BLOCKS, TRUNK BLOCKS**

Demonstrator: [Markus STEVENS](#) (The Netherlands)

Anatomy Consultant on site: [Thierry BEGUE](#) (France)

Unique and exclusive for RA & Pain Cadaveric Workshops: Only whole-body cadavers will be available for the workshops. This is a fantastic opportunity to master your needling skills, perform the actual blocks on fresh cadavers and to improve your

"Thursday 07 September"

ergonomics under direct supervision of world experts in regional anaesthesia and chronic pain management.

*There won't be an organized transportation for going/back from the Cadaver workshop.
Public transportation is highly recommended:*

Workshop Address:
Ecole de Chirurgie
8/10 Rue de Fossés Saint Marcel 75005 Paris

How to get to the Workshop?
By Metro from Le Palais des Congrès de Paris

35min
Station Neuilly - Porte Maillot line M1 (direction of Château de Vincennes)
Change at Palais Royal - Musée du Louvre into line M7 (direction of Villejuif-Louis Aragon) get off at Censier- Daubenton→5min walking

- Workstation 1. Upper Limb Blocks. [Stephen HASKINS](#) (USA)
ISB, SCB, AxB, cervical plexus (Supine Position)
- Workstation 2. Upper Limb and chest Blocks. [Can AKSU](#) (Turkey)
ICB, IPPB/PSPB (PECS), SAPB (Supine Position)
- Workstation 3. Thoracic trunk blocks. [Ruediger EICHHOLZ](#) (Germany)
tPVB, ESP, ITP (Prone Position)
- Workstation 4. Abdominal trunk Blocks. [Maria Fernanda ROJAS](#) (Colombia)
TAP, RSB, IH/II (Supine Position)
- Workstation 5. Lower limb blocks. [Marcus NEUMUELLER](#) (Austria)
SiFiB, PENG, FEMB, FTB, Adductor Canal B, Obturator (Supine Position)
- Workstation 6. Lower limb blocks. [Olivier RONTES](#) (France)
QLBs, proximal and distal sciatic B, iPACK (Lateral Position)

Anatomy
Institute

08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 2 - PAEDIATRIC **Blocks for Elective Abdominal Surgery in the Paediatric Patient**

WS Leader: [Eleana GARINI](#) (Greece)

- Workstation 1: TAP, Ilioinguinal, Iliohypogastric and Rectus Sheath Nerve Blocks. [Julio LAPALMA](#) (Argentina)
- Workstation 2: QLB. [Claude ECOFFEY](#) (France)
- Workstation 3: Paravertebral Block. [Rajnish GUPTA](#) (USA)
- Workstation 4: ESPB. [Vicente ROQUES](#) (Spain)

201

08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 3 - POCUS **Focused Cardiac Ultrasound**

WS Leader: [Rosie HOGG](#) (United Kingdom)

- Workstation 1: Basic Focused Assessed Transthoracic Echocardiography (FATE). [Barbara RUPNIK](#) (Switzerland)
- Workstation 2: Focused Echocardiography in Emergency Life Support (FEEL). [Hari KALAGARA](#) (USA)
- Workstation 3: Standard Cardiac Views and Inferior Vena Cava (IVC) Imaging. [Jan BOUBLIK](#) (USA)
- Workstation 4: Application of Focused Cardiac Ultrasound in the Real Clinical "World".
[Wolf ARMBRUSTER](#) (Germany)

234

08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 8 - RA **Ultrasound-Guided Fascial Plane Blocks of the Chest Wall**

WS Leader: [Brian O'DONNELL](#) (Ireland)

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- Workstation 1: Anterolateral Chest Wall Blocks - PECS1, PECS2, Serratus Anterior Plane Blocks. [Julien RAFT](#) (France) 224
- Workstation 2: Anteromedial Chest Wall Blocks - Transversus Thoracis Plane Block & Pecto-Intercostal Fascial Plane Block. [Rafael BLANCO](#) (United Arab Emirates)
- Workstation 3: Posterior Chest Wall Blocks (I) - ESPB, Retrolaminar Block, Midpoint Transverse Process-to-Pleura (MTP) Block. [Yavuz GURKAN](#) (Turkey)
- Workstation 4: Posterior Chest Wall Blocks (II) - Paraspinal Intercostal Plane Blocks, Rhomboid Intercostal Subserratus Plane (RISS) Block. [Ki Jinn CHIN](#) (Canada)



08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 9 - RA US Guided PNBs for Arm-Hand and Ankle-Foot Surgery

WS Leader: [Morne WOLMARANS](#) (United Kingdom)

- Workstation 1: Axillary Block for Hand Surgery and How to Rescue Block Failures. [Frederic LE SACHE](#) (France) 221
- Workstation 2: Important Cutaneous Branches for Arm and Hand Surgery. [John MCDONNELL](#) (Ireland)
- Workstation 3: Popliteal Block for Foot Surgery and How to Rescue Block Failures. [Margaretha \(Barbara\) BREEBAART](#) (Belgium)
- Workstation 4: PNBs at the Ankle and Foot Level. [Alain DELBOS](#) (France)



08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 6 - CHRONIC PAIN UG Guided Treatment of Abdominal, Pelvis and Lower Limb Chronic Pain Conditions

WS Leader: [Andrzej DASZKIEWICZ](#) (Poland)

- Workstation 1: Pudendal Neuropathy - Pudendal Nerve Block. [Vaishali WANKHEDE](#) (Switzerland) 231
- Workstation 2: Cancer Pain - Coeliac Plexus & Superior Hypogastric Plexus. [Michal BUT](#) (Poland)
- Workstation 3: Gluteal Pain Syndrome (GPS) - Caudal Epidural Injection, Sacroiliac Joint Injection, Piriformis Muscle, Hamstring Tendonitis. [Ammar SALT](#) (United Arab Emirates)
- Workstation 4: Ankle and Foot - Plantar Fascitis, Morton Neuroma, Baxter's Nerve Periarticular Injections. [Dan Sebastian DIRZU](#) (Romania)



08:00 - 10:00

360° AGORA - SIMULATION SCIENTIFIC SESSION 3 PERIPHERAL NERVE CATHETERS - POSTOPERATIVE TROUBLE SHOOTING

360° AGORA
HALL B

Animators: [Archana ARETI](#) (India), [Shri Vidya NIRANJAN KUMAR](#) (India), [Balavenkat SUBRAMANIAN](#) (India), [Suwimon TANGWUWAT](#) (Thailand), [Roman ZUERCHER](#) (Switzerland)
WS Leader: [Ashokka BALAKRISHNAN](#) (Singapore)

08:40

08:40 - 09:15

PROBLEM BASED LEARNING DISCUSSION COPD and Shoulder Surgery

Chairperson: [Lloyd TURBITT](#) (United Kingdom) 241

- COPD and Shoulder Surgery. [Jacky CORPUZ](#) (Philippines)
- Discussion.

08:40 - 09:10

REFRESHING YOUR KNOWLEDGE Perioperative Pain Management Guidelines: Why don't they work?

Chairperson: [Giustino VARRASSI](#) (Italy) 243

- Perioperative Pain Management Guidelines: Why don't they work? [Sandy KOPP](#) (USA)
- Discussion.

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09:00

09:00 - 09:50

LIVE DEMONSTRATION - PAIN - 4
10 Most common nerve entrapments

252 A&B

Demonstrators: [Bernhard MORIGGL](#) (Austria), [Philip PENG](#) (Canada)

09:00 - 09:50

LIVE DEMONSTRATION - RA - 5
UPPER LIMB - All Blocks you need to know for Successful Practice in One Go (Interscalene Blocks, Infra & Supra Clavicular Blocks, Axillary Block, Blocks At the elbow, wrist and hand)

242 A&B

Demonstrators: [Ashwani GUPTA](#) (United Kingdom), [Thomas WIESMANN](#) (Germany)

09:00 - 09:50

ASK THE EXPERT
Challenges, Solutions and Advances in UGRA

253

Chairperson: [Manoj KARMAKAR](#) (Hong Kong)

- Challenges, Solutions and Advances in UGRA. [Xavier CAPDEVILA](#) (France)
- Discussion.

09:20

09:20 - 09:55

REFRESHING YOUR KNOWLEDGE
Education and Training in Paediatric RA

241

Chairperson: [Per-Arne LONNQVIST](#) (Sweden)

- Education and Training in Paediatric RA. [Karen BORETSKY](#) (USA)
- Discussion.

09:20 - 09:55

REFRESHING YOUR KNOWLEDGE
Learning Lessons from PRAN Data

251

Chairperson: [Belen DE JOSE MARIA GALVE](#) (Spain)

- Learning Lessons from PRAN Data. [Santhanam SURESH](#) (USA)
- Discussion.

09:20 - 09:50

REFRESHING YOUR KNOWLEDGE
Intrathecal Drug Delivery Systems: Update on their Efficacy

243

Chairperson: [Maurizio MARCHESINI](#) (Italy)

- Intrathecal Drug Delivery Systems: Update on their Efficacy. [Athina VADALOUCIA](#) (Greece)
- Discussion.

10:00

MORNING COFFEE BREAK AT EXHIBITION / ePOSTER VIEWING

EPOSTER SESSION 4 - STATION 1

Chairperson: [Livija SAKIC](#) (Croatia)

- EP111 A Comparative study between transforaminal epidural steroid injection with high volume lumbar erector spinae plane block in patients with low backache and radicular pain: A prospective randomised study. [Amrita RATH](#) (Varanasi, India)

"Thursday 07 September"

- EP112 Anterior quadratus lumborum block for analgesia after living donor renal transplantation: A double-blinded randomized controlled trial. [Youngwon KIM](#) (Seoul, Korea), [Sun-Kyung PARK](#)
- EP113 Analgesic effects of ultrasound-guided preoperative posterior quadratus lumborum block in laparoscopic hepatectomy: a prospective double blinded randomized controlled trial. [Ryunga KANG](#) (Seoul, Korea), [Seungwon LEE](#), [Soo Joo CHOI](#), [Sangmin Maria LEE](#), [Tae Soo HAHM](#), [Woo Seog SIM](#), [Hyun Sung CHO](#), [Justin Sangwook KO](#)
- EP114 Homer's syndrome: a rare complication in a common technique. [Ana FRANCO](#), [Roberto AMEIRO](#) (Porto, Portugal), [Nuno LAREIRO](#), [Ana MARTINS](#)

EPOSTER SESSION 4 - STATION 2

Chairperson: [Wojciech GOLA](#) (Poland)

- EP115 TRENDS IN EXPAREL USE FOR TOTAL HIP AND KNEE ARTHROPLASTY. [Ottokar STUNDNER](#) (Innsbruck, Austria), [Haoyan ZHONG](#), [Alex ILLESCAS](#), [Crispiana COZOWICZ](#), [Jashvant POERAN](#), [Jiabin LIU](#), [Stavros G MEMTSOUDIS](#)
- EP116 Effect of Repetitive Transcranial Magnetic Stimulation on Pain and Quality of Life in Post-Mastectomy Pain Syndrome: a prospective RCT. [Nishkarsh GUPTA](#) (Delhi, India), [Bhatia RENU](#), [Kataria MONIKA](#), [Akanksha SINGH](#), [Sandeep BHORIWAL](#)
- EP117 The efficacy of interlaminar epidural steroid injections, conservative therapy and their both combination in relieving severe chronic pain for lumbar central spinal stenosis. [Viktorija DZABIJEVA](#) (Riga, Latvia), [Inara LOGINA](#)
- EP118 Adding pecs II block to multimodal analgesia halves 24-hour postoperative opioid requirements after minimally invasive cardiac surgery with cardiopulmonary bypass – A triple-blinded, randomized, controlled trial. [Ottokar STUNDNER](#), [Anna SEISL](#) (Innsbruck, Austria), [Lukas GASTEIGER](#), [Elisabeth HÖRNER](#), [Felix NÄGELE](#), [Nikolaos BONAROS](#), [Peter MAIR](#), [Anna FIALA](#)
- EP119 Output current and efficacy of pulsed radiofrequency to lumbar dorsal root ganglion in patients with lumbar radiculopathy. [Jae Ni JANG](#) (Seoul, Korea), [Sukhee PARK](#)
- EP120 Transcranial Direct Current Stimulation for Chronic Pain Management in Knee Osteoarthritis: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. [Marcela TATSCH TERRES](#), [Maria Luísa ASSIS](#), [Gabriela DACOL BERTHOLDE](#), [Carolina SOUSA DIAS](#) (Lisbon, Portugal), [Sara AMARAL](#)

EPOSTER SESSION 4 - STATION 3

Chairperson: [Vicente ROQUES](#) (Spain)

- EP122 Involvement of the spinal γ-aminobutyric acid receptor in the analgesic effects of intrathecally injected hypertonic saline in spinal nerve-ligated rats. [Yujin KIM](#) (Seoul, Korea), [Myong-Hwan KARM](#), [Hyun-Jung KWON](#), [Euiyong SHIN](#), [Seung-Hwa RYOO](#), [Sooyoung JEON](#), [Seong-Soo CHOI](#)
- EP123 Comparison of pericapsular nerve group (PENG) block with suprainguinal fascia iliaca compartment block (FICB) on dynamic pain in patients with hip fractures: A prospective randomized controlled trial. [Jeong DAUN](#) (Seoul, Korea), [Kim HA-JUNG](#), [Kim YEON JU](#), [Park JHIN](#), [Koh WON UK](#), [Kim HYUNGTAEE](#), [Ro YOUNG-JIN](#)
- EP124 The role of PECS blocks in the alleviation of postmastectomy pain syndrome. [Nektaria LEKKA](#), [Andros CHARALAMBOUS](#), [Christos DIMITRIOU](#), [Kassiani THEODORAKI](#) (Athens, Greece)
- EP125 Evaluation of ultrasound-guided external oblique intercostal plane block for postoperative analgesia in laparoscopic cholecystectomy: A prospective, randomized, controlled clinical trial. [Hatice KUSDERCI](#), [Serkan TULGAR](#) (Samsun, Turkey), [Caner GENC](#), [Mustafa KUSAK](#), [Alessandro DE CASSAI](#), [Hesham ELSHARKAWY](#), [Ersin KOKSAL](#)
- EP126 Comparative Study on Shear-Wave Elastography of the Coracohumeral Ligament between Adhesive Capsulitis and Healthy Controls: Suggestion of Cut-off Value. [Yong-Taek LEE](#) (Seoul, Korea), [Chul-Hyun PARK](#)

EPOSTER SESSION 4 - STATION 4

Chairperson: [Nat HASLAM](#) (United Kingdom)

- EP127 Duration of analgesia after interscalene brachial plexus block combined with intravenous dexamethasone and dexmedetomidine: a randomised, controlled, triple-blinded trial. [Julien CABATON](#) (LYON), [Delphine CAPEL](#), [Eric ALBRECHT](#)
- EP129 Comparison of clinical effects and physical examination of transforaminal and caudal steroid injection with targeted catheter in lumbar radiculopathy. [Farnad IMANI](#), [Faezeh MOHAMMAD-ESMAEEL](#) (Tehran, Islamic Republic of Iran), [Seyedeh-Fatemeh MORSALLI](#), [Ali AHANI-AZARI](#), [Mahzad ALIMIAN](#), [Nasim NIKOUBAKHT](#), [Azadeh EMAMI](#)
- EP130 Epidural labour analgesia in a patient with neurofibromatosis – How much risk is too risky? [Maria José DE BARROS E CASTRO BENTO SOARES](#), [Verónica TOMÉ DE CARVALHO ECKARDT](#) (Lisboa, Portugal),

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Nuno DE ALMEIDA CORDEIRO, Telma CARIA

- EP131 IN VITRO EVALUATION OF THE EFFECT OF DEXMEDETOMIDINE ON OXYTOCIN PRE-TREATED PREGNANT HUMAN MYOMETRIUM. Mrinalini BALKI, **Leland USTARE** (Toronto, Canada)
- EP132 Oral dexamethasone as an adjunct to a brachial plexus block: a randomised, blinded, placebo-controlled, clinical trial. **Mathias MAAGAARD** (Copenhagen, Denmark), Morten Zacharias PLAMBECH, Kamilia Shami FUNDER, Ida TRYGGEDSSON, Peter TOQUER, Pia JÆGER, Jakob Hessel ANDERSEN, Ole MATHIESEN
- **EP085** Obturator nerve block: What can we do to increase surgeon satisfaction? **Aleksandra GAVRILOVSKA** (Skopje, North Macedonia), Skender SAIDI, Sotir STAVRIDIS, Viktor STANKOV, Aleksandar TRIFUNOVSKI, Biljana KUZMANOVSKA, Marija SRCEVA JOVANOVSKE, Nikola BRZANOV

EPOSTER SESSION 4 - STATION 5

Chairperson: Lara RIBEIRO (Portugal)

- EP133 Single-bolus injection of local anaesthetics, with or without continuous infusion, for interscalene brachial plexus block in the setting of multimodal analgesia: a randomised controlled trial. **Patrick RHYNER** (Lausanne, Switzerland), Matthieu CACHEMAILLE, Patrick GOETTI, Jean-Benoit ROSSEL, Melanie BOAND, Alain FARRON, Eric ALBRECHT
- EP134 ANALGESIC EFFICACY OF SUPERIOR TRUNK BLOCK VERSUS ANTERIOR SUPRASCAPULAR BLOCK WITH POSTERIOR CORD BLOCK FOR ARTHROSCOPIC SHOULDER SURGERY: A RANDOMIZED CONTROLLED TRIAL. **Phatthanaphol ENGSUSOPHON** (Bangkok, Thailand)
- EP135 Evaluation of paraspinal muscle degeneration on pain relief after percutaneous epidural adhesiolysis in patients with degenerative lumbar spinal disease. **Byongnam JUN** (SEOUL, Korea), Hee Jung KIM, Shin Hyung KIM
- EP136 Determination of minimum effective anaesthetic concentration (MEAC90) of lidocaine for arteriovenous fistula creation surgery under ultrasound-guided axillary nerve block: a preliminary study. **Hao Chen WANG** (New Taipei City, Taiwan), Yen-Hua CHEN, Chih-Wen WANG, Cheng-Wei LU
- EP137 Diaphragm-sparing efficacy of upper trunk block for arthroscopic shoulder surgery: a randomized controlled trial. Yumin JO, Chahyun OH, Wooyong LEE, Woosuk CHUNG, Youngkwon KO, Boohwi HONG, **Suyeon SHIN** (Daejeon, Korea, Korea)
- EP138 TRENDS IN COMORBIDITIES AND COMPLICATIONS AMONG PATIENTS UNDERGOING HIP FRACTURE REPAIR 2016-2021. Haoyan ZHONG, Genewoo HONG, Alex ILLESCAS, Lisa REISINGER, Jashvant POERAN, **Crispiana COZOWICZ** (Salzburg, Austria), Jiabin LIU, Stavros MEMTSOUDIS

EPOSTER SESSION 4 - STATION 6

Chairperson: Andrea SAPORITO (Switzerland)

- EP139 Evaluation of the effect of adding fentanyl to Valsalva maneuver in reducing pain caused by propofol administration. **Behzad NAZEMROAYA** (Isfahan, Islamic Republic of Iran), Fatemeh ZAND, Fatemeh ETTEHADIEH
- EP141 New Objective Methods for Evaluating Peripheral Block Success: Ultrasonography, Tissue Oxygen Saturation, Perfusion Index. Dondu GENC MORALAR, Ulku Aygen TURKMEN, **Oguz OZAKIN** (Istanbul, Turkey)
- EP142 12-MONTH CLINICAL OUTCOMES AND ENERGY MODELING FROM A PROSPECTIVE, MULTI-CENTER STUDY OF A DIFFERENTIAL TARGET MULTIPLEXED™ SPINAL CORD STIMULATION DERIVATIVE. **David PROVENZANO** (Bridgeville, USA), Kasra AMIRDELFAN, Prahdeep GREWAL, Calysta RICE, Kate NOEL, Andrew CLELAND, Maddie LARUE
- EP143 Effect of perioperative COVID 19 infection on postoperative complication in obstetric anesthesia: using Korean national health insurance service data. **Si Ra BANG** (Seoul, Korea), Gunn Hee KIM, Eun Jin AHN, Hyo Jin KIM, Hey Ran CHOI, Ji Hyun NOH
- EP144 Efficacy of Pericapsular Nerve Group Block after total hip arthroplasty surgery. Ikram NEJI, **Oussama NASRI** (tunis, Tunisia), Sadok FERCHICHI, Chadha BEN MESSAOUD, Hajer KHIARI, Khairiddine RADDAOUI, Olfa KAABACHI

10:30

10:30 - 12:20

NETWORKING SESSION Research in RA

Chairperson: Xavier CAPDEVILA (France)

- How do we define success in RA. **Andre VAN ZUNDERT** (Australia)
- Big Data in RA. **Edward MARIANO** (USA)
- What should we be researching in RA. **Alan MACFARLANE** (United Kingdom)
- How can we improve research in RA. **Sandy KOPP** (USA)

AMPHITHEATRE
BLEU

"Thursday 07 September"

– Discussion.

10:30 - 11:30

EXPERTS OPINION DISCUSSION **Update on Neuromodulation**

Chairperson: Duarte CORREIA (Portugal)

- Cost Effectiveness of Neurostimulation for the Treatment of Pain. David PROVENZANO (USA)
- Understanding the advancements in SCS. Pasquale DE NEGRI (Italy)
- SCS Utilization for unusual conditions (diabetic neuropathy, erythromalgia and mechanical back pain). Anu KANSAL (United Kingdom)
- Discussion.

SALLE
MAILLOT

10:30 - 11:20

LIVE DEMONSTRATION - PAIN - 5 **Facial Pain and Headache**

252 A&B

Demonstrators: Sarah LOVE-JONES (United Kingdom), Samer NAROUZE (USA)

10:30 - 11:20

LIVE DEMONSTRATION - RA - 6 **Blocks for Ophthalmic Surgery**

242 A&B

Demonstrators: Oya Yalcin COK (Turkey), Friedrich LERSCH (Switzerland)

10:30 - 11:30

INDUSTRY SUPPORTED SESSION 3 - PACIRA **Ultimate step by step guide for TKR analgesia blocks**

241

Keynote Speakers: Maggie HOLTZ (USA), Amit PAWA (United Kingdom), Morne WOLMARANS (United Kingdom)
Not included in the CME/CPD accredited program

10:30 - 12:20

NETWORKING SESSION **Opioid Use in the Peri-operative Setting**

Chairperson: Axel SAUTER (Norway)

- Postoperative Analgesia for Patients with Prior Opioid Use. Lynn KOHAN (USA)
- Opioid Free Anaesthesia and Analgesia - Where is the Evidence? Eric ALBRECHT (Switzerland)
- Methadone: An old drug suitable for modern postoperative pain management? Eugene VISCUSI (USA)
- Intrathecal Morphine for Postoperative Pain Treatment. Peñafrancia CANO (Philippines)
- Discussion.

251

10:30 - 11:00

REFRESHING YOUR KNOWLEDGE **Perioperative Management of Patients on Opioids**

243

Chairperson: Eric BUCHSER (Switzerland)

- Perioperative Management of Patients on Opioids. Aikaterini AMANITI (Greece)
- Discussion.

10:30 - 11:25

CENTRAL NERVE BLOCKS **Free Papers 1**

Chairperson: Fatma SARICA OGLU (Turkey)

"Thursday 07 September"

- OP019 A pilot dose-finding study to counter blood pressure reduction during epidural analgesia by adding epinephrine to the epidural infusion. [Olga NIN](#) (Gainesville, USA), [Andre P. BOEZAART](#), [Christopher GIORDANO](#), [Steven HUGHES](#), [Hari PARVATANENI](#), [Miguel Angel REINA](#), [Terrie VASILOPOULOS](#)
- OP020 EFFICACY OF 20% INTRAVENOUS LIPID EMULSION AS A REVERSAL AGENT OF SPINAL ANAESTHESIA: A DOUBLE BLINDED RANDOMIZED CONTROLLED TRIAL. [Karthikeyan SURESH KUMAR](#) (Rishikesh, India), [Praveen TALAWAR](#), [Bhavna GUPTA](#), [Ankur MITTAL](#) 253
- OP021 COMPARISON OF ANALGESIC EFFICACY OF ULTRASOUND GUIDED SACRAL ERECTOR SPINAE PLANE BLOCK WITH CAUDAL EPIDURAL BLOCK IN CHILDREN UNDERGOING LOWER ABDOMINAL AND LOWER LIMB SURGERY UNDER GENERAL ANAESTHESIA: AN EXPLORATORY RANDOMIZED CONTROL TRIAL. [Debendra Kumar TRIPATHY](#) (Raipur, India), [Praveen TALAWAR](#), [Mridul DHAR](#), [Priyanka SANGADALA](#), [Deepak KUMAR](#)
- OP023 The suitability and impact of intrathecal fentanyl added to low-dose bupivacaine in patients with proximal ureteral stones undergoing transureteral lithotripsy. [Hossein KHOSHRANG](#) (Rasht, Islamic Republic of Iran), [Ardalan AKHAVAN TAVAKOLI](#), [Reza SHAHROKHI DAMAVAND](#), [Samaneh ESMAEILI](#), [Firoozeh KHALILI](#)
- OP024 Saddle Block versus Spinal Anaesthesia for Transurethral Resection of the Prostate (TURP): a Systematic Review and Meta-Analysis. [Maria Luísa ASSIS](#), [Marcela TATSCH TERRES](#), [Andrei DIAS](#) (Porto Alegre/RS, Brazil), [Eduardo CIRNE TOLEDO](#), [Sara AMARAL](#)
- OP025 LOCAL ANESTHETIC NEUROTOXICITY AND ARACHNOIDITIS: A SYSTEMATIC REVIEW OF CASES.

10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 7 - CHRONIC PAIN US Use in Chronic Pain Medicine - Truncal and Plane Blocks

WS Leader: [Senthil JAYASEELAN](#) (United Kingdom)

- Workstation 1: Erector Spinae (ESP) Block. [Vicente ROQUES](#) (Spain)
- Workstation 2: Quadratus Lumborum Block (QLB). [Suwimon TANGWIWAT](#) (Thailand)
- Workstation 3: TAP and Fascia Iliaca Blocks. [Graham SIMPSON](#) (United Kingdom)
- Workstation 4: Paravertebral, Intercostal and PECS Blocks. [Esperanza ORTIGOSA](#) (Spain)

201

10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 10 - RA US Guided PNBs for Hip, Femur and Knee Surgery

WS Leader: [Michal VENGLARCIK](#) (Slovakia)

- Workstation 1: Analgesia for NOF Surgery - Femoral Nerve Block, Suprainguinal Fascia Iliaca Block, PENG Block. [David MOORE](#) (Ireland)
- Workstation 2: The Complex Knee Case - Transgluteal and Parasacral Approaches for the Sciatic Nerve. [Patrick SCHULTZ](#) (Sweden)
- Workstation 3: Lumbosacral Blocks Revisited for Hip, Femur and Knee Surgery - Shamrock, Parasagittal and Modified Intertransversal Approaches. [Madan NARAYANAN](#) (United Kingdom)
- Workstation 4: Best PNB Option for Knee Surgery - Femoral Nerve Block, Femoral Triangle or Adductor Canal Block (ACB)? [Vishal UPPAL](#) (Canada)

234

10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 4 - POCUS POCUS - The FAST Examination

WS Leader: [Lucas ROVIRA SORIANO](#) (Spain)

- Workstation 1: The Subcostal View. [Rosie HOGG](#) (United Kingdom)
- Workstation 2: The Left Upper Quadrant View. [Lars KNUDSEN](#) (Denmark)
- Workstation 3: The Right Upper Quadrant View. [Thomas DAHL NIELSEN](#) (Denmark)
- Workstation 4: The Pelvis. [Hari KALAGARA](#) (USA)

224

10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 11 - RA Four Basic Blocks for Knee Surgery

WS Leader: [Ismet TOPCU](#) (Turkey)

"Thursday 07 September"

- Workstation 1: Femoral Nerve Block. [Dusan MACH](#) (Czech Republic)
- Workstation 2: Adductor Canal Block (ACB). [Thomas WIESMANN](#) (Germany)
- Workstation 3: Genicular Nerve Block. [Thomas Fichtner BENDTSEN](#) (Denmark)
- Workstation 4: iPACK. [Olivier CHOQUET](#) (France)

221



10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 12 - RA

Basic Peripheral Nerve Blocks in the Obese Patient undergoing Orthopaedic Surgery

WS Leader: [Emmanuel GUNTZ](#) (Belgium)

231

- Workstation 1: Interscalene and Supraclavicular Nerve Blocks. [Bartakke ASHISH](#) (Spain)
- Workstation 2: Axillary Nerve Block. [Roman ZUERCHER](#) (Switzerland)
- Workstation 3: Femoral Nerve Block. [Romualdo DEL BUONO](#) (Italy)
- Workstation 4: Popliteal Fossa Block. [Josip AZMAN](#) (Sweden)



10:30 - 14:00

360° AGORA - SIMULATION INDUSTRIAL SESSION 3 (SPONSORED)

360° AGORA
HALL B

11:10

11:10 - 11:40

REFRESHING YOUR KNOWLEDGE

Acute Pain Service: An experience from limited resources countries

Chairperson: [Narinder RAWAL](#) (Sweden)

243

- Acute Pain Service: An experience from limited resources countries. [Afak NSIRI](#) (Morocco)
- Discussion.

11:30

11:30 - 12:20

LIVE DEMONSTRATION - PAIN - 6

Rheumatoid Arthritis: The Role of US in Diagnosis and Treatment

252 A&B

Demonstrators: [Ismael ATCHIA](#) (United Kingdom), [Kiran KONETI](#) (United Kingdom)

11:30 - 12:20

LIVE DEMONSTRATION - RA - 7

US guidance in neuraxial and paravertebral blocks (Different BMI Models for this Live Demo)

242 A&B

Demonstrators: [Philippe GAUTIER](#) (Belgium), [Julien RAFT](#) (France)

11:30 - 12:20

ASK THE EXPERT

Ketamine in acute and chronic pain

Chairperson: [Oya Yalcin COK](#) (Turkey)

253

- Ketamine in acute and chronic pain. [Evmorfia STAVROPOULOU](#) (Greece)
- Discussion.

11:30 - 14:30

OFF SITE - HANDS - ON CADAVER WORKSHOP 5 - RA UPPER & LOWER LIMB BLOCKS, TRUNK BLOCKS

WS Leader: [Alexandros MAKRIS](#) (Greece)

Anatomy Consultant on site: [Thierry BEGUE](#) (France)

Unique and exclusive for RA & Pain Cadaveric Workshops: Only whole-body cadavers will be available for the workshops. This is a fantastic opportunity to master your needling skills, perform the actual blocks on fresh cadavers and to improve your

"Thursday 07 September"

ergonomics under direct supervision of world experts in regional anaesthesia and chronic pain management.

*There won't be an organized transportation for going/back from the Cadaver workshop.
Public transportation is highly recommended:*

Workshop Address:
Ecole de Chirurgie
8/10 Rue de Fossés Saint Marcel 75005 Paris

How to get to the Workshop?
By Metro from Le Palais des Congrès de Paris

Anatomy
Institute

35min
Station Neuilly - Porte Maillot line M1 (direction of Château de Vincennes)
Change at Palais Royal - Musée du Louvre into line M7 (direction of Villejuif-Louis Aragon) get off at Censier- Daubenton→5min walking

- Workstation 1. Upper Limb Blocks. [Lukas KIRCHMAIR](#) (Austria)
ISB, SCB, AxB, cervical plexus (Supine Position)
- Workstation 2. Upper Limb and chest Blocks. [Ivan KOSTADINOV](#) (Slovenia)
ICB, IPPB/PSPB (PECS), SAPB (Supine Position)
- Workstation 3. Thoracic trunk blocks. [Nabil ELKASSABANY](#) (USA)
tPVB, ESP, ITP (Prone Position)
- Workstation 4. Abdominal trunk Blocks. [Mario FAJARDO PEREZ](#) (Spain)
TAP, RSB, IH/II (Supine Position)
- Workstation 5. Lower limb blocks. [Olivier RONTES](#) (France)
SiFiB, PENG, FEMB, FTB, Adductor Canal B, Obturator (Supine Position)
- Workstation 6. Lower limb blocks. [Slobodan GLIGORIJEVIC](#) (Switzerland)
QLBs, proximal and distal sciatic B, iPACK (Lateral Position)

11:35

11:35 - 12:25

PRO-CON DEBATE **Fascial Plane Blocks: Are they effective?**

Chairperson: [Yavuz GURKAN](#) (Turkey)

- PRO (They work but the devil is in the fascial plane details). [Nadia HERNANDEZ](#) (USA)
- CON (I.V. Working mechanism - do infiltration or multimodal analgesia instead). [Steve COPPENS](#) (Belgium)
- Rebuttal.
- Discussion.

SALLE
MAILLOT

11:35 - 12:25

ASK THE EXPERT **Topping-up the epidural for emergency CS**

Chairperson: [Alexandra SCHYNS-VAN DEN BERG](#) (The Netherlands)

- Topping-up the epidural for emergency CS. [Brendan CARVALHO](#) (USA)
- Discussion.

241

11:50

11:50 - 12:20

REFRESHING YOUR KNOWLEDGE **The art of paravertebral blockade: a lot of evidence - not enough practice**

Chairperson: [Jatupom PAKPIROM](#) (Thailand)

- The art of paravertebral blockade: a lot of evidence - not enough practice. [Peter MERJAVY](#) (United Kingdom)
- Discussion.

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12:30

MID-DAY LUNCH BREAK AT EXHIBITION / E-POSTER VIEWING

EPOSTER SESSION 5 - STATION 1

Chairperson: Wojciech GOLA (Poland)

- EP138 Postoperative Pain-related Outcomes and Perioperative Pain Management in China. [Yanhong LIU](#) (Beijing, China), [Weidong MI](#)
- **EP008** RANDOMISED COMPARISON BETWEEN PERICAPSULAR NERVE GROUP BLOCK WITH LATERAL FEMORAL CUTANEOUS NERVE BLOCK AND QUADRATUS LUMBORUM BLOCK FOR POSTOPERATIVE ANALGESIA IN HIP SURGERY. [Mustafa ASLAN](#), [Alper KILICASLAN](#) (KONYA, Turkey), [Gok FUNDA](#)
- EP140 Comparison of intra-articular corticosteroid versus intra-articular platelet rich plasma (PRP) for pain relief in osteoarthritis knee. [Khusboo RANA](#), [Anurag AGARWAL](#), [Shivani RASTOGI](#), [Samiksha PARASHAR](#) (Lucknow, India)
- EP141 Overlooked and under-blocked: the disparity in the provision of regional analgesia for women following caesarean section. [Mariam LATIF](#) (Oxford, United Kingdom), [Elizabeth YATES](#), [Nawal BAHAL](#)
- EP142 Diagnosis of pain deception using MMPI-2 based on XGBoost machine learning algorithm: a single-blinded randomized controlled trial. [Ho Sik MOON](#), [Sung-Jun KIM](#) (Seoul, Korea)
- EP143 Regeneration Potency of Tendon Derived Stem Cell in Tadinopathy Can be Suppressed by Pain Mediators: In vitro study. [Yong-Taek LEE](#) (Seoul, Korea), [Min-jeong KIM](#)

EPOSTER SESSION 5 - STATION 2

Chairperson: Luis Fernando VALDES VILCHES (Spain)

- EP151 DEVELOPMENT OF AN AUTOMATED CHRONIC PAIN REGISTRY CAPTURING OUTPATIENT TREATMENTS AND PATIENT-REPORTED OUTCOMES. [Alexandra SIDERIS](#) (New York, USA), [Justas LAUZADIS](#), [Vinicius ANTAAO](#), [Jennifer CHENG](#), [Ellen CASEY](#), [Joel PRESS](#), [Daniel RICHMAN](#), [Semih GUNGOR](#)
- EP152 Contents of free vitamin D, serum uric acid, and characteristics of epidural analgesia for labor in parturient women with preeclampsia. [Evgeny ORESHNIKOV](#) (Cheboksary, Russia), [Elvira VASILJEVA](#), [Denisova TAMARA](#), [Svetlana ORESHNIKOVA](#), [Alexander ORESHNIKOV](#)
- EP153 Optimal view detection for ultrasound-guided supraclavicular block using deep learning approaches. [Jo YUMIN](#) (Daejeon, Korea), [Lee DONGHEON](#), [Baek DONGHYEON](#), [Choi BO KYUNG](#), [Aryal NISAN](#), [Shin YONG SUP](#), [Jung JINSIK](#), [Hong BOOHWI](#)
- EP154 Are the analgesic effects of morphine added to transverses abdominis plane block systemic or regional? A randomized controlled trial. [Meryem ONAY](#) (TURKEY, Turkey), [Osman KAYA](#), [Elçin TELLI](#), [Ayten BILIR](#), [Mehmet Sacit GÜLEÇ](#)
- EP155 Achieving 'peng' hip flexion following total hip arthroplasty: a comparison between the PENG and fascia iliaca blocks in total hip arthroplasty. [Hannah HEADON](#), [Soo YOON](#) (London, United Kingdom), [Eimear MCKAVANAGH](#), [Jennifer VAN ROSS](#), [Vilma UZKALNIENE](#), [Ipek EDIPOGLU](#)
- EP156 POST DURAL PUNCTURE HEADACHE – DO WE NEED TO BRING AWARENESS. [Ana Raquel NUNES](#), [Filipe PEREIRA](#) (Lisbon, Portugal)

EPOSTER SESSION 5 - STATION 3

Chairperson: María Teresa FERNÁNDEZ (Spain)

- EP157 Spread of local anesthetics after Erector Spinae Plane Block – a magnetic resonance imaging study in healthy volunteers. [Marie SØRENSTUA](#) (Fredrikstad, Norway), [Ann-Chatrin LINQVIST LEONARDESEN](#), [Johan RÆDER](#), [Jan Sverre VAMNES](#), [Nikolaos ZANTALIS](#)
- EP158 Erector spinae plane block for chronic low back pain. [Vladimir VRSAJKOV](#) (Novi Sad, Serbia)
- EP159 Comparison between medial and lateral approaches of ultrasound guided costoclavicular brachial plexus block for upper limb surgery - a randomised control trial. [Saran Lal AJAI MOKAN DASAN](#) (New Delhi, India), [Nishant PATEL](#)
- EP160 Ultrasound-guided Suprainguinal Fascia Iliaca Block Versus Erector Spinae Plane Block for Postoperative Analgesia of Patients Undergoing Hip Fracture Surgery: A Randomized Controlled Trial. [Ecem GUCLU OZTURK](#) (ISTANBUL, Turkey), [Beliz BILGILI](#)
- EP161 Feasibility of postoperative ketamine infusion in general hospital wards without intense monitoring in chronic pain patients: A retrospective cohort study. [Tural ALEKBERLI](#) (Toronto, CA, Canada), [Shiva KHANDADASHPOOR](#), [Ashok KUMAR](#), [Zeev FRIEDMAN](#), [Naveed SIDDIQUI](#)

"Thursday 07 September"

– EP162 Thoracoscopic Intercostal Nerve Block With cocktail analgesics for Pain Control After Video-assisted Thoracoscopic Surgery – A prospective cohort study. [Yingxian DONG](#) (Chengdu, China), [Jue Li](#)

EPOSTER SESSION 5 - STATION 4

Chairperson: [Marcus NEUMUELLER](#) (Austria)

- EP163 Ultrasound estimates of epidural depth in paramedian sagittal oblique and transverse median planes: the correlation between estimated and actual epidural depth in children with scoliosis. [Hye Jin KIM](#) (Seoul, Korea), [Su Youn CHOI](#), [Young-Eun JOE](#), [Yong Seon CHOI](#)
- EP164 EVALUATING THE EFFICACY AND PERFORMANCE PROPERTIES OF COSTOCLAVICULAR APPROACHES VERSUS TRADITIONAL LATERAL SAGITTAL TECHNIQUE IN INFRACLAVICULAR BRACHIAL PLEXUS BLOCK: A RANDOMIZED CONTROLLED TRIAL. [Emre Sertac BINGUL](#) (Istanbul, Turkey), [Mert CANBAZ](#), [Emine Aysu SALVIZ](#), [Emre SENTURK](#), [Ebru EMRE DEMIREL](#), [Zerrin SUNGUR](#), [Meltem SAVRAN KARADENIZ](#)
- EP165 PERICAPSULAR NERVE GROUP BLOCK COMBINED WITH A LATERAL FEMORAL CUTANEOUS NERVE BLOCK DECREASES OPIOID CONSUMPTION AFTER HIP ARTHROSCOPY: A RETROSPECTIVE STUDY. [Lisa REISINGER](#) (New York, USA), [Genewoo HONG](#), [Edward LIN](#), [Sang Jo KIM](#), [Douglas WETMORE](#), [Jiabin LIU](#), [David KIM](#)
- EP166 Investigating the correlation between obstetric-specific recovery tool (ObsQoR-10) and postpartum maternal outcomes: a cohort study. [Lu YANG](#) (Singapore, Singapore), [Hon Sen TAN](#), [Chin Wen TAN](#), [Rehena SULTANA](#), [Ban Leong SNG](#)
- EP167 Neck of femur fractures and regional anaesthesia: an audit of current management versus best practice guidelines. [Peter DAUM](#) (London, United Kingdom), [Rupert LEES](#), [Venkat DURAI SWAMY](#)
- EP168 EPIDURAL ANALGESIA IN INTENSIVE CARE UNIT (ICU) – NURSE'S PERSPECTIVE. [Nelson GOMES](#), [Paulo CORREIA](#) (Porto, Portugal), [Elsa SOUSA](#), [Jean ALVES](#), [Ana CASTRO](#), [Ricardo PINHO](#)

EPOSTER SESSION 5 - STATION 5

Chairperson: [Lara RIBEIRO](#) (Portugal)

- EP169 Anesthetic choice and outcomes in total hip and knee arthroplasty patients 2006–2021. [Alex ILLESCAS](#) (New York, USA), [Haoyan ZHONG](#), [Jashvant POERAN](#), [Crispiana COZOWICZ](#), [Jiabin LIU](#), [Stavros MEMTSOUDIS](#)
- EP170 Comparative study of adductor canal block and IPACK block with continuous adductor canal block after total knee arthroplasty. [Wafa ANENE](#), [Chadha BEN MESSAOUD](#), [Oussama NASRI](#) (tunis, Tunisia), [Sonda DAMEK](#), [Karima ZOGLAMI](#), [Firas KALAI](#), [Olfa KAABACHI](#)
- EP171 Horner syndrome after combined spinal-epidural labour analgesia: a case report. [Tania DA SILVA CARVALHO](#), [Beatriz LAGARTEIRA](#) (Porto, Portugal), [Mariana FLOR DE LIMA](#), [Magda BENTO](#)
- EP172 Prospective randomised comparative study of five Lumbar epidural fixation methods ,effects on catheter migration and skin complications. [Hema SINGH](#) (Newcastle, United Kingdom), [Poornima DHAR](#), [Rajesh TOPE](#)
- EP173 Local anesthetic systemic toxicity and the assessment of the maximum allowable dose of local anesthetics: results of an international survey. [Frédéric POLUS](#) (Genk, Belgium), [Robbert BUCK](#), [Guy WEINBERG](#), [Jirka COPS](#), [Isabelle LENDERS](#), [Darren JACOBS](#), [Imré VAN HERREWEGHE](#), [Michael FETTIPLACE](#)
- EP174 Serratus anterior plane catheter vs Liposomal bupivacaine for post-operative analgesia: Patient satisfaction and quality of recovery. [Zakiya MARYAM](#), [Franklin WOU](#), [Madan NARAYANAN](#) (Surrey, United Kingdom, United Kingdom), [Isabella KARAT](#), [Hisham OSMAN](#), [Hisham HARB](#), [Karin CANNONS](#)

EPOSTER SESSION 5 - STATION 6

Chairperson: [Aleksjejs MISCUKS](#) (Latvia)

- EP175 Assessing diaphragmatic function using point of care ultrasound after interscalene brachial plexus block. [Ania DEAN](#), [Peter DAUM](#), [Richard KINGSLEY](#) (London, United Kingdom), [Tom GILL](#), [Venkat DURAI SWAMY](#)
- EP176 Erector Spinae Plane Block vs. Pecto-intercostal Fascial Plane Block vs. Control for Sternotomy: A Prospective Randomized Trial. [Eleonora KOSHCHAK](#) (New York City, USA), [Daniel QIAN](#), [Shenghao FANG](#), [Yuxia OUYANG](#), [Natalia EGOROVA](#), [Ali SHARIAT](#), [Himani BHATT-VERMA](#)
- EP177 Comparison of Perioperative Pregabalin and Duloxetine on Pain after Total Knee Arthroplasty. [Farnad IMANI](#), [Azadeh EMAMI](#) (Tehran, Islamic Republic of Iran), [Mahzad ALJMIAN](#), [Nasim NIKOUBAKHT](#), [Niloofer KHOSRAVI](#), [Mehdi RAJABI](#), [Arthur C. HERTLING](#)
- EP178 Combined spinal epidural anesthesia with hypovolemic hemodilution technique showed good fetomaternal outcomes in placenta accreta spectrum patients who underwent elective sectio cesarean surgery: A case series. [Emilia Tiara SHANTIKARATRI](#) (Malang, Indonesia), [Isngadi ISNGADI](#), [Ruddi HARTONO](#)

"Thursday 07 September"

– EP180 Continuous Deep Serratus Anterior Plane Block for Sternotomy Analgesia Following Cardiac Surgery: A Randomized, Placebo-Controlled, Double-Blinded Feasibility Study. [Jon BAILEY](#) (Halifax, Canada), [Ayman HENDY](#), [Victor NEIRA](#), [Edgar CHEDRAWY](#), [Victor UPPAL](#)

12:45

(12:45-13:45) LUNCH WORKSHOP INDUSTRY SUPPORTED SESSION

241

14:00

14:00 - 14:50

SECOND OPINION BASED DISCUSSION Suprainguinal Fascia Iliaca Block for Hip Surgery

Chairperson: [Matthias DESMET](#) (Belgium)

- Anatomy. [Daniela BRAVO](#) (Chile)
- Block Description. [Kris VERMEYLEN](#) (Belgium)
- 2nd Opinion. [Paul KESSLER](#) (Germany)
- Clinical relevance & Consensus statement. [Matthias DESMET](#) (Belgium)
- Discussion.

AMPHITHEATRE
BLEU

14:00 - 15:00

EXPERTS OPINION DISCUSSION Logistics for Peripheral Nerve Blocks

Chairperson: [Sandy KOPP](#) (USA)

- Setting up a block room. [Emmanuel GUNTZ](#) (Belgium)
- Hand Tracking Motion Devices. [Marcia CORVETTO](#) (Chile)
- UGRA, Dual or Triple Guidance? [Ana LOPEZ](#) (Belgium)
- Discussion.

SALLE
MAILLOT

14:00 - 14:50

LIVE DEMONSTRATION - POCUS - 1 POCUS for Lung and Gastric Ultrasound

Demonstrators: [Jan BOUBLIK](#) (USA), [Kariem EL BOGHADLY](#) (United Kingdom)

252 A&B

14:00 - 14:50

LIVE DEMONSTRATION - RA - 8 US guided Intertransverse Process Block

Demonstrators: [Manoj KARMAKAR](#) (Hong Kong), [Dusan MACH](#) (Czech Republic)

242 A&B

14:00 - 15:00

INDUSTRY SUPPORTED SESSION 5 - SINTETICA Spinal Anaesthesia in One Day Surgery: Right Drug, Right Patient, Right Procedure

Keynote Speakers: [Arthur HERTLING](#) (USA), [Marc SCHMITTNER](#) (Germany)
Not included in the CME/ CPD accredited program

241

14:00 - 14:50

ASK THE EXPERT RA Mentors: Benefits and how to become a great mentor

Chairperson: [Xavier CAPDEVILA](#) (France)

- RA Mentors: Benefits and how to become a great mentor. [Bridget PULOS](#) (USA)
- Discussion.

251

14:00 - 14:30

REFRESHING YOUR KNOWLEDGE

"Thursday 07 September"

Assuring Training in Paediatric RA

243

Chairperson: Belen DE JOSE MARIA GALVE (Spain)

- Assuring Training in Paediatric RA. Karen BORETSKY (USA)
- Discussion.

14:00 - 14:50

OBSTETRIC Free Papers 2

Chairperson: Sarah DEVROE (Belgium)

- OP026 Nrfit epidural kit evaluation. [Winston NG](#) (London, United Kingdom), [Awini GUNASEKERA](#), [Leonidas PHYLLACTIDES](#), [Daniel SIMMONDS](#)
- OP027 Feasibility Pilot Randomized Controlled Trial of Labor Epidural Taping Strategies: LETS. [Adriana POSADA](#) (Boston, MA, USA), [Hovig CHITILIAN](#), [Rebecca MINEHART](#)
- OP028 NOVAL ANTERIOR CUL DE SAC CATHETER FURTHER DECREASES OPIOID REQUIREMENTS COMPARED TO A 10-YEAR ESTABLISHED ERAS WITH TAP FOLLOWING CESAREAN SECTIONS. [Michael BURNS](#) (St. Louis, USA), [Brooke BELLOWS](#), [Ashley DUBOIS](#), [Lexis BRUCE](#)
- OP029 Development of a risk stratification model for Caesarean delivery women at increased risk of significant post-Caesarean pain. [David CHEE](#) (Singapore, Singapore), [Hon Sen TAN](#), [Chin Wen TAN](#), [Rehena SULTANA](#), [Farida ITHNIN](#), [Ban Leong SNG](#)
- OP030 The effect of Neuraxial Anesthesia on urinary catheter removal after Cesarean Delivery – a comparison between Spinal and Epidural Anesthesia: A Systematic Review. [Tural ALEKBERLI](#) (Toronto, CA, Canada), [Danielle Lilly NICHOLLS](#), [Summaiya AHSAN ALI](#), [Luz BUENO REY](#), [Naveed SIDDIQUI](#)
- OP031 Empowering patients in safer obstetric anaesthesia care using a Regional Anaesthesia Alert Bracelet at the Coombe Women and Infants University Hospital, Dublin. [Frances FALLON](#) (Dublin, Ireland), [Myles FLITCROFT](#), [Nuala TREANOR](#)

253

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 19 US Guided RA Techniques for Breast Surgery

201

WS Expert: [Rafael BLANCO](#) (United Arab Emirates)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 20 Fascial Plane Blocks for Abdominal Surgery

202

WS Expert: [Aneet KESSOW](#) (South Africa)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 21 Tips and Tricks for US Guided Central Blocks

203

WS Expert: [Jakub HLASNY](#) (Ireland)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 22 UGRA for Ankle and Foot Surgery

204

WS Expert: [Alain DELBOS](#) (France)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 23 Clavicular Fractures: What RA technique is the best?

234

WS Expert: [Packianathaswamy BALAJI](#) (United Kingdom)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 24 Peripheral Nerve Blocks for Analgesia in Hip Fracture Surgery

235

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WS Expert: Benjamin FOX (United Kingdom)

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14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 25
Sono Anatomy of the Paediatric Spine

236

WS Expert: Santhanam SURESH (USA)

€

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 26
Caudal block in the Paediatric Population

237

WS Expert: Valeria MOSSETTI (Italy)

€

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 27
WALLANT Blocks

224

WS Expert: Frederic LE SACHE (France)

€

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 28
Basic Blocks for Ophthalmic Surgery

225

WS Expert: Friedrich LERSCH (Switzerland)

€

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 29
Fascia Iliaca Compartment Block

226

WS Expert: Markus STEVENS (The Netherlands)

€

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 30
PNBs in the trauma patient

227

WS Expert: Jose Alejandro AGUIRRE (Switzerland)

€

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 31
PNBs in massive disaster circumstances

221

WS Expert: Dmytro DMYTRIIEV (Ukraine)

€

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 32
Blocks for Awake Shoulder Surgery: Tips and Tricks for Success

222

WS Expert: Ashwani GUPTA (United Kingdom)

€

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 33
Basic Blocks for Pain Free Knee Surgery

223a

WS Expert: Morne WOLMARANS (United Kingdom)

€

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 34
Tips and Tricks for Successful QLB

231

WS Expert: Madan NARAYANAN (United Kingdom)

€

"Thursday 07 September"

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 35
Tips and Tricks for Successful Brachial Plexus Block

232

WS Expert: [Juan Carlos DE LA CUADRA FONTAINE](#) (Chile)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 36
Ultrasound Guided Invasive Treatments for Muscleskeletal Pain

233a

WS Expert: [Ana SCHWARTZMANN](#) (Uruguay)



14:00 - 15:20

ESRA EDUCATIONAL VIDEO COMPETITION

Keynote Speakers: [Oya Yalcin COK](#) (Turkey), [Steve COPPENS](#) (Belgium), [Brian KINIRONS](#) (Ireland), [Clara LOBO](#) (United Arab Emirates), [Ana Patrícia MARTINS PEREIRA](#) (Portugal), [Julien RAFT](#) (France), [Athmaja THOTTUNGAL](#) (United Kingdom)

Chairperson: [Paolo GROSSI](#) (Italy)

- ULTRASOUND GUIDED PUDENDAL NERVE BLOCK. [Vicente ROQUES](#) (Spain)
- PENG block education (with a twist). [Jonathan DEBENHAM](#) (United Kingdom)
- PVI (Periarticular vasoconstrictor infiltration) for knee surgery. [Vicente ROQUES](#) (Spain)
- Bier Block Basics. [Joana VAN DER KELLEN](#) (Portugal)
- Patient education video to facilitate informed consent for anaesthetics. [Jake FLOWER](#) (United Kingdom)
- Thoracic paravertebral block and non intubated vide assisted thoracic surgery (NIVATS). [Thierry GARNIER](#) (France)

360° AGORA
HALL B

14:35

14:35 - 15:05

REFRESHING YOUR KNOWLEDGE
Diagnostic Nerve US for common entrapments, trauma and surgery

243

Chairperson: [Urs EICHENBERGER](#) (Switzerland)

- Diagnostic Nerve US for common entrapments, trauma and surgery. [David LORENZANA](#) (Switzerland)
- Discussion.

15:00

AFTERNOON COFFEE BREAK AT EXHIBITION / ePOSTER VIEWING

EPOSTER SESSION 6 - STATION 1

Chairperson: [Ismet TOPCU](#) (Turkey)

- EP181 Implementation of a chest injury pathway in the emergency department. [Claudio DALLA VECCHIA](#) (Dublin, Ireland), [Tomas BRESLIN](#), [Cian MC DERMOTT](#), [Fran O'KEEFFE](#), [Ramiah VINNY](#)
- EP182 Reducing local anaesthetic catheter displacements: A bench top study of optimum means of catheter fixation. [Emily TULLOCH](#), [James WINCHESTER](#), [Paul DOUGLASS](#), [Nick SUAREZ](#) (Oxford, United Kingdom)
- EP183 Overcoming barriers to implement guidelines for the insertion of erector spinae analgesic catheters in the emergency department of a major trauma centre. [Josh PATCH](#), [Paul CARTER](#), [Vora JAIKER](#) (Cardiff, United Kingdom)
- EP184 Regional anaesthesia techniques for management of chest wall trauma in a Scottish tertiary major trauma centre: a retrospective service evaluation and outcome analysis. [Sofia ROSAS](#) (Glasgow, United Kingdom), [Jillian SCOTT](#), [Jackie BELL](#), [Stephanie BROCKIE](#), [Freya BURWAISS](#), [Stephen HICKEY](#), [Robert HART](#)
- EP186 Interobserver reliability of sonographic measurement of inferior vena cava and aorta parameters in fasting children in the peri-operative period: a prospective observational study. [Pooja THAWARE](#), [Zainab AHMAD](#) (Bhopal, India), [Pooja CHAUDHARY](#)

EPOSTER SESSION 6 - STATION 2

"Thursday 07 September"

Chairperson: Michal VENGLARCIK (Slovakia)

- EP187 COMPARISON OF BLOCK CHARACTERISTICS AND OUTCOMES IN OPIOID BASED AND OPIOID FREE THORACIC CONTINUOUS SPINAL ANAESTHESIA IN PATIENTS UNDERGOING MAJOR ABDOMINAL SURGERY: A DOUBLE BLINDED RANDOMIZED CONTROL TRIAL. [Priyanka SANGADALA](#) (Rishikesh, India), [Praveen TALAWAR](#), [Debendra Kumar TRIPATHY](#), [Amit GUPTA](#), [Raj NIRJHAR](#)
- EP188 Serratus anterior plane block for minimal invasive cardiac surgery: a subgroup analysis of a single center randomized-controlled trial. [Bart VAES](#), [Koen LAPAGE](#), [Jules FRANÇOIS](#), [Jan-Willem MAES](#), [Sylvie ALLAERT](#), [Jan POELAERT](#), [Louis VAN HOECKE](#) (Ghent, Belgium)
- EP189 Reviewing the indications for epidural analgesia in the parturient with high BMI. [Nick LEDLIE](#), [Anil KUMAR](#), [Dhruvi PANDYA](#) (Stoke-on-Trent, United Kingdom)
- EP190 Analgesic efficacy of parasacral sciatic and pericapsular nerve block vs per capsular nerve block for Total Hip Replacement surgeries: A randomised Controlled Trial. [Sreehari NAMBIAR](#), [Chandni SINHA](#) (Patna, India)
- EP191 Efficacy of different approaches of quadratus lumborum block for postoperative analgesia after cesarean delivery: a Bayesian network meta-analysis of randomized controlled trials. [Narinder Pal SINGH](#), [Jeetinder K MAKKAR](#) (Chandigarh, India), [Samanyu KODURI](#), [Singh PREET M](#)
- EP192 To Compare The Effects Of 0.2% Ropivacaine Continuous Infusion(CI) Versus Programmed Intermittent Bolus (PIB) On Postoperative Analgesia With Adductor Canal Block, In Patients Undergoing Unilateral Knee Arthroplasty- A Randomized Control Trial. [Serina STEPHEN](#) (Vellore, India)

POSTER SESSION 6 - STATION 3

Chairperson: Denisa ANASTASE (Romania)

- EP193 Risk factors of hypotension during cesarean section with spinal anesthesia in COVID-19 parturients: a retrospective study comparing with non-COVID-19 pregnant women. [Sung Jun CHO](#) (Seoul, Korea), [Si Ra BANG](#), [Gunn Hee KIM](#)
- EP194 COMPARISON BETWEEN THE MEDIAL AND LATERAL APPROACHES OF ULTRASOUND-GUIDED COSTOCLAVICULAR BRACHIAL PLEXUS BLOCK FOR UPPER LIMB SURGERIES- A RANDOMISED CONTROL TRIAL. [Nishant PATEL](#) (New Delhi, India), [Saranlal A M](#), [Kanil R KUMAR](#), [Rakesh KUMAR](#), [Arshad AYUB](#), [Puneet KHANNA](#), [Bikash RANJAN RAY](#)
- EP195 ULTRASOUND-GUIDED NEURAXIAL ANESTHESIA USING ACCURO HANDHELD DEVICE COMPARED WITH TRADITIONAL PALPATION TECHNIQUE: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS. [Mahfouz SHARAPI](#) (Dublin, Ireland), [Eslam AFIFI](#), [Aya Mustafa AL MAWLA](#), [Sara Adel AWWAD](#), [Mazen Negmeldin Aly YASSIN](#), [Mohamed EL-SAMAHY](#)
- EP196 CHRONIC/COMPLEX PAIN SERVICE UTILIZATION IN AN ORTHOPEDIC SPECIALTY HOSPITAL. [Faye RIM](#) (New York, USA), [Mary KELLY](#), [William CHAN](#), [Samuel SCHUESSLER](#), [Martin PLOURDE](#), [Pops STEERING COMMITTEE](#), [Alexandra SIDERIS](#), [Spencer LIU](#)
- EP197 Impact of Obesity on Clinically Significant Respiratory Events following Cesarean Delivery: Is a 24-hour High Acuity Setting Necessary for Patients with BMI >50 kg/m2. [Tural ALEKBERLI](#) (Toronto, CA, Canada), [Luz BUENO REY](#), [Kristi DOWNEY](#), [Jose CARVALHO](#), [Cynthia MAXWELL](#), [Naveed SIDDIQUI](#)
- EP198 Comparison adductor canal block combined with periarticular infiltration and periarticular infiltration alone after total knee arthroplasty for pain control and patient satisfaction: a prospective observational case study. [Selcuk SAY](#) (Chatelineau, Belgium), [Léonie KENMEGNI FOGANG](#)

POSTER SESSION 6 - STATION 4

Chairperson: Nat HASLAM (United Kingdom)

- EP199 Identification of interfascial plane using injection pressure monitoring at the needle tip during ultrasound guided TAP block in cadavers. [Roberto DOSSI](#) (Bellinzona, Switzerland), [Christian QUADRI](#), [Xavier CAPDEVILA](#), [Andrea SAPORITO](#)
- EP200 Impact of local anesthetics on bone sarcoma: an in vitro study. [Konstantin PROSENZ](#) (Zurich, Switzerland), [Sarah MORICE](#), [José AGUIRRE](#), [Didier SURDEZ](#), [Gina VOTTA-VELIS](#), [Alain BORGEAT](#)
- EP201 Impact of Erector Spinae Plane Block in Open Hepatectomy Patients: A Systematic Review and Meta-Analysis. [Heitor MEDEIROS](#), [Sara AMARAL](#), [Catarina RODRIGUES E SILVA](#) (Lisbon, Portugal), [Luiz COSTA LIMA](#)
- EP202 The Effect of Adding Dexmedetomidine to the Local Anesthetic Solution for Ultrasonography-guided TAP Block in Inguinal Hernia Repair. A randomized controlled study. [Ioannis KOUTALAS](#), [Christina ORFANO](#) (Athens, Greece), [Kassiani THEODORAKI](#)
- EP204 A prospective double-blinded randomized control trial comparing erector spinae plane block to spinal analgesia for postoperative pain in lung hydatid cyst peadiatric surgery. [Maha BEN MANSOUR](#), [Imen TRIMECH](#) (Paris), [Ines KOOBAA](#), [Sarrah SAMMARI](#), [Sabrine BEN YOUSSEF](#), [Nadine MAMA](#), [Sawsen CHAKROUN](#), [Mourad GAHBICHE](#)

"Thursday 07 September"

EPOSTER SESSION 6 - STATION 5

Chairperson: [Esperanza ORTIGOSA](#) (Spain)

- EP205 Anatomical Insights into Injectate Spread After Thoracic Erector Spinae Plane Block: A Systematic Review. [Haoyuan LIM](#) (Singapore, Singapore), [Christopher MATHEW](#), [Yan Ru TAN](#), [Chuen Jye YEOH](#), [Yu Jia THAY](#), [Jolin WONG](#), [Christopher W LIU](#)
- EP206 Divergent modulation of pain and anxiety by GABAergic neurons in the ventrolateral periaqueductal gray and dorsal raphe. [Linghua XIE](#) (Hangzhou), [Hui WU](#)
- EP207 Effect of bilateral infraorbital and infratrochlear nerve block on remifentanyl consumption during nasal surgery. [Reyhan Nil KIRŞAN](#) (Kırşehir, Turkey), [Gizem TOYDEMİR](#), [Emre ÇAMCI](#), [Demet ALTUN](#)
- EP208 Usage Of Artificial Intelligence-Integrated Usg In Application of Pectoral Block Type II In Mastectomies. [Cağla YAZAR](#) (ankara, Turkey), [Elvin KESIMCI](#)
- EP210 Caesarean section anesthesia: what do we choose? [Germano CARREIRA](#), [Mariana PASCOAL](#) (Coimbra, Portugal), [Sara FERNANDES](#), [Isabel RUTE VILHENA](#)

EPOSTER SESSION 6 - STATION 6

Chairperson: [Livija SAKIC](#) (Croatia)

- EP211 Importance of purine metabolites in preeclampsia and acute brain stroke. [Evgeny ORESHNIKOV](#) (Cheboksary, Russia), [Svetlana ORESHNIKOVA](#), [Denisova TAMARA](#), [Elvira VASILJEVA](#), [Alexander ORESHNIKOV](#)
- EP212 Ilioinguinal Block with Liposomal Bupivacaine for Lower Extremities Revascularization: Have We Found the "Right" Block? [Carmelina GURRIERI](#), [Ghaith ALMHANNI](#), [Indrani SEN](#), [Jason BECKERMANN](#), [Andrew CALVIN](#), [Thomas CARMODY](#), [Tiziano TALLARITA](#) (Eau Claire, USA)
- EP213 Effect of Ultrasound-guided Maxillary and Inferior Alveolar Nerve Block in Two-jaw Plastic Surgery: A Single-blind Randomised Controlled Trial in Two Centres. [Sho KUMITA](#) (Sapporo, Japan), [Tomohiro CHAKI](#), [Atsushi SAWADA](#), [Michiaki YAMAKAGE](#)
- EP214 Suprainguinal fascia iliaca compartment block versus anterior quadratus lumborum block for analgesia after total hip replacement arthroplasty: A randomized controlled trial. [Jin Young BAE](#), [Seokmin KWON](#) (Seoul, Korea), [Seokha YOO](#), [Hansol KIM](#)
- EP215 Availability of regional anaesthesia education for trainers. [Xiaoxi ZHANG](#) (London, United Kingdom), [Ross VANSTONE](#), [Simeon WEST](#), [Lloyd TURBITT](#), [Eoin HARTY](#)
- EP216 Epidural labour analgesia is not always contraindicated in patients with spinal dysraphism: a tethered cord syndrome case report. [Cristina TODDE](#), [Marco AVERSANO](#) (Roma, Italy), [Leoni MATTEO LUIGI GIUSEPPE](#), [Antonina ZAGARI](#), [Laura FEOLE](#), [Maria Grazia FRIGO](#)

15:01

15:01 - 18:00

OFF SITE - HANDS - ON CADAVER WORKSHOP 6 - PAIN HEAD & NECK, ABDOMINAL, HIP & KNEE, CHEST & THORACIC, LUMBAR SPINE, AND PUDENDAL & GLUTEAL PAIN SYNDROMES

WS Leader: [Andrzej KROL](#) (United Kingdom)

Anatomy Consultant on sites: [Thierry BEGUE](#) (France), [Bernhard MORIGGL](#) (Austria)

Unique and exclusive for RA & Pain Cadaveric Workshops: Only whole-body cadavers will be available for the workshops. This is a fantastic opportunity to master your needling skills, perform the actual blocks on fresh cadavers and to improve your ergonomics under direct supervision of world experts in regional anaesthesia and chronic pain management.

There won't be an organized transportation for going/back from the Cadaver workshop.

Public transportation is highly recommended:

Workshop Address:
Ecole de Chirurgie
8/10 Rue de Fossés Saint Marcel 75005 Paris

How to get to the Workshop?
By Metro from Le Palais des Congrès de Paris

"Thursday 07 September"

35min

*Station Neuilly - Porte Maillot line M1 (direction of Château de Vincennes)
Change at Palais Royal - Musée du Louvre into line M7 (direction of Villejuif-Louis
Aragon) get off at Censier- Daubenton→5min walking*

- Workstation 1. Head and Neck - Practice Fresh Frozen Cadaver. [Kiran KONETI](#) (United Kingdom)
Cervical Spine Facetogenic Pain - Cervical Medial Branch and Facet Joint / Cervicogenic Headache - GON, TON, LON / Cervical Discogenic and Radicular Neuropathic Pain - Selective Nerve Root Complex Regional Pain Syndrome Upper Limb: Stellate Ganglion Block (Cervical Sympathetic Block) Frozen Shoulder: Suprascapular Nerve Block (Anterior Approach) , ACJ, SASDB, Biceps Tendon, Glenohumeral Joint
- Workstation 2. Abdomen - Practice on Fresh Frozen Cadaver. [Matthew SZARKO](#) (Spain)
Abdominal wall Neuropathy after Surgery: Ilioinguinal, Iliohypogastric, Genitofemoral Nerve Block. Management of Meralgia Paresthetica: Lateral Femoral Cutaneous Nerve Block. Cancer Pain: Coeliac Plexus, Superior Hypogastric Plexus and Lumbar Sympathetic Chain
- Workstation 3. Hip and Knee Osteoarthritis - Practice on Fresh Frozen Cadaver. [Ismael ATCHIA](#) (United Kingdom)
Intraarticular Injections and Periarticular Nerves Blocks: Femoral, Obturator , AON, Geniculars and their Origin
- Workstation 4. Chest and Thorax - Practice on Fresh Frozen Cadaver. [Humberto Costa REBELO](#) (Portugal)
Post-Thoracotomy Pain - Intercostal Nerve Block. Thoracic Spine Pain - Medial Branch, Facet Joint and Costovertebral Joint Injections. Paravertebral Block - Thoracolumbar Fascia Plane Blocks.
- Workstation 5. Cadavers for Fluoroscopy and Ultrasound (Fresh Frozen Cadaver) - Lumbar Spine. [Graham SIMPSON](#) (United Kingdom)
Selective Nerve Root: Transforaminal Injection - Lumbar Spine Pain: Lumbar Medial Branch and Facet Joint Injections.
- Workstation 6. Ultrasound Use on Fresh Frozen Cadaver. [Dan Sebastian DIRZU](#) (Romania)
Pudendal Neuropathy & Gluteal Pain Syndrome (GPS) Sacroiliac Joint Injection - Caudal Epidural Injections

Anatomy
Institute

15:30

15:30 - 17:20

NETWORKING SESSION Technology in RA Education

Chairperson: [Gwen MORGAN](#) (South Africa)

- Artificial Intelligence in RA. [James BOWNESS](#) (United Kingdom)
- Simulation for Regional Anaesthesia. [David BURKETT-ST LAURENT](#) (United Kingdom)
- Training Future of Anaesthesiologists in Low Resources Settings. [Roman ZUERCHER](#) (Switzerland)
- Thiel Cadavers. [Paul KESSLER](#) (Germany)
- Web-Based Resources (Apps/YouTube/Twitter). [Marcia CORVETTO](#) (Chile)
- Discussion.

AMPHITHEATRE
BLEU

15:30 - 17:20

NETWORKING SESSION A Critical View on PNBs for Postoperative Pain Management

Chairperson: [Eleni MOKA](#) (Greece)

- Abdominal Surgery and new Fascial Blocks: Have we forgotten the visceral analgesia?
[Luis Fernando VALDES VILCHES](#) (Spain)
- Hip Fracture Bundles of Care: Does RA have a role? [Ezzat SAMY AZIZ](#) (Egypt)
- Efficiency of Continuous Peripheral Nerve Catheters in the ERAS era & multimodal analgesia.
[Arelly Seir TORRES MALDONADO](#) (Mexico)
- Role of PNBs in outcomes following TKA. [Jose Alejandro AGUIRRE](#) (Switzerland)
- Discussion.

SALLE
MAILLOT

"Thursday 07 September"

15:30 - 16:20

LIVE DEMONSTRATION - POCUS - 2
POCUS for ABC- emergencies

252 A&B

Demonstrators: [Nadia HERNANDEZ](#) (USA), [Lucas ROVIRA SORIANO](#) (Spain)

15:30 - 16:20

LIVE DEMONSTRATION - RA - 9
The most important fascial plane blocks for a Regional Anaesthetist

242 A&B

Demonstrators: [Melody HERMAN](#) (USA), [Sree Hari Praveen KOLLI](#) (USA)

15:30 - 16:00

REFRESHING YOUR KNOWLEDGE
How to make the best impact with RA Education and Safety in poorly resourced countries

241

Chairperson: [Patrick NARCHI](#) (France)

- How to make the best impact with RA Education and Safety in poorly resourced countries.
[Aneet KESSOW](#) (South Africa)
- Discussion.

15:30 - 16:45

EXPERTS OPINION DISCUSSION
Improving Outcomes in PostPartum Haemorrhage

251

Chairperson: [Alexandra SCHYNS-VAN DEN BERG](#) (The Netherlands)

- Recognition and Resuscitation. [Emilia GUASCH](#) (Spain)
- Pharmacological Management. [Dan BENHAMOU](#) (France)
- Does Point of Care Coagulation Testing have a role? [Sarah ARMSTRONG](#) (United Kingdom)
- Discussion.

15:30 - 16:00

REFRESHING YOUR KNOWLEDGE
Pharmacogenetics and opioid metabolism / impact on personalized medicine.

243

Chairperson: [Teodor GOROSZENIUK](#) (United Kingdom)

- Pharmacogenetics and opioid metabolism / impact on personalized medicine.
[Efrossini \(Gina\) VOTTA-VELIS](#) (USA)
- Discussion.

15:30 - 16:25

PAEDIATRIC
Free Papers 3

Chairperson: [Per-Arne LONNQVIST](#) (Sweden)

- OP032 Comparison of caudal block and sacral erector spinae block for postoperative analgesia in circumcision in pediatric patients: A double-blind, randomized controlled trial. [Volkan OZEN](#), [Ayca Sultan SAHIN](#) (Istanbul, Turkey), [Elif Aybike AYYILDIZ](#), [Mehmet Eren ACIK](#), [Tayfun ELIYETEN](#), [Nurten OZEN](#)
- OP033 ANALGESIC EFFICACY OF EXTERNAL OBLIQUE INTERCOSTAL PLANE BLOCK IN PEDIATRIC PATIENTS UNDERGOING UPPER ABDOMINAL SURGERIES: A CASE SERIES. [Dr. Shruti SHREY](#) (PATNA, India), [Dr.chandni SINHA](#), [Dr.amarjeet KUMAR](#), [Dr.ajeet KUMAR](#)
- OP034 Ultrasonographic Evaluation of Difficult Airway in Obese Patients; A Prospective Study. [Meryem ONAY](#), [Gulay ERDOGAN KAYHAN](#) (Eskisehir, Turkey), [Sema SANAL BAS](#), [Muzafer BILGIN](#), [Yeliz KILIC](#), [Birgül YELKEN](#), [Mehmet Sacit GULEC](#)
- OP035 Efficacy of dexmedetomidine as an adjuvant to Quadratus lumborum block for children undergoing inguinal surgeries. A prospective randomized trial. [Yagmur GUL](#), [Ayse TUTUNCU](#), [Pinar KENDIGELEEN](#) (Istanbul, Turkey)
- OP036 Spinal Anesthesia in Infants: Is it Time for a Change? [Walid ALRAYASHI](#) (BOSTON, USA),

253

"Thursday 07 September"

Samuel KIM, Luis VARGAS-PATRON, Steven STAFFA

- **OP037** The analgesic effect of ultrasound guided erector spinae plane block versus ultrasound guided caudal epidural block for abdominal surgery in pediatric patients – a parallel group, patient and assessor blind, randomized study. [Ashutosh PANDEY](#), [Zainab AHMAD](#) (Bhopal, India), [Shikha JAIN](#), [Abhijit PAKHARE](#), [Sunaina KARNA TEJPAL](#), [Pramod SHARMA KUMAR](#), [Pooja SINGH](#), [Pranita MANDAL](#)
- OP038 CONSENT AND UTILISATION OF PAEDIATRIC PERIPHERAL REGIONAL ANAESTHESIA IN A UK TERTIARY CHILDREN'S HOSPITAL. [Navreen CHIMA](#) (Bristol, United Kingdom), [Caroline KANE](#), [Annabel PEARSON](#), [Caroline WILSON](#)

15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 13 - RA **UGRA Repertoire for the Abdominal Surgery OR**

WS Leader: [Romualdo DEL BUONO](#) (Italy)

- Workstation 1: Basic Blocks for Pain Free Abdominal Surgery (I) - Transabdominal Plane Blocks (TAP). [Rafael BLANCO](#) (United Arab Emirates) 201
- Workstation 2: Basic Blocks for Pain Free Abdominal Surgery (II) - Rectus Sheath, Ilioinguinal and Iliohypogastric Nerve Blocks. [Clara LOBO](#) (United Arab Emirates)
- Workstation 3: Quadratus Lumborum Blocks (QLB). [Ovidiu PALEA](#) (Romania)
- Workstation 4: US Guided Central Blocks - Low Thoracic PVB. [Ismet TOPCU](#) (Turkey)



15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 14 - RA **UGRA For Carotid and Thoracic Surgery**

WS Leader: [Peter MERJAVY](#) (United Kingdom)

- Workstation 1: Blocks for Awake Carotid Surgery. [Sebastien BLOC](#) (France) 234
- Workstation 2: US Guided Thoracic Epidurals. [John MCDONNELL](#) (Ireland)
- Workstation 3: Paravertebral Blocks. [Marcus NEUMUELLER](#) (Austria)
- Workstation 4: Paravertebral Blockade by Proxy (MTP). [Steve COPPENS](#) (Belgium)



15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 15 - RA **Necessary Blocks to Know for Pain Free TKA**

WS Leader: [Jakub HLASNY](#) (Ireland)

- Workstation 1: Femoral Nerve Block. [Benjamin FOX](#) (United Kingdom) 224
- Workstation 2: Blocks of Obturator Nerve and Lateral Femoral Cutaneous Nerve of the Thigh. [Harry FRIZELLE](#) (Ireland)
- Workstation 3: Sciatic Nerve Block. [Laurent DELAUNAY](#) (France)
- Workstation 4: Adductor Canal Block & iPACK. [Markus STEVENS](#) (The Netherlands)



15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 16 - RA **Analgesia for Hip Fracture Surgery**

WS Leader: [Sandeep DIWAN](#) (India)

- Workstation 1: PENG Block. [Philip PENG](#) (Canada) 221
- Workstation 2: Quadratus Lumborum Block (QLB). [Axel SAUTER](#) (Norway)
- Workstation 3: Erector Spinae Plane Block (ESPB). [Attila BONDAR](#) (Ireland)
- Workstation 4: Suprainguinal Fascia Iliaca Block - Anterior Approach. [Vedran FRKOVIC](#) (Sweden)



15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 17 - RA **Basic PNBs Useful in Daily Clinical Practice**

"Thursday 07 September"

WS Leader: Mark CROWLEY (United Kingdom)

- Workstation 1: Basic Knowledge for Shoulder and Elbow Surgery - Interscalene and Supraclavicular Nerve Blocks. [Oya Yalcin COK](#) (Turkey)
- Workstation 2: Basic Knowledge for Elbow and Hand Surgery - Axillary Nerve Block. [Thomas WIESMANN](#) (Germany)
- Workstation 3: Basic Knowledge for Hip and Knee Surgery - Femoral Nerve Block, Fascia Iliaca Block and Blocks of Obturator Nerve and Lateral Cutaneous Nerve of the Thigh. [Ruediger EICHHOLZ](#) (Germany)
- Workstation 4: Basic Knowledge for Knee and Foot Surgery - Proximal Subgluteal Sciatic and Popliteal Nerve Blocks. [Olivier CHOQUET](#) (France)

231



15:30 - 17:20

BEST FREE PAPER 2 - CHRONIC PAIN

Chairperson: David MOORE (Ireland)

Jurys: Aikaterini AMANITI (Greece), Aleksejs MISCUKS (Latvia), Livija SAKIC (Croatia), Michal VENGLARCIK (Slovakia)

- OP010 Comparison the effects of transforaminal epidural and caudal epidural injection of calcitonin in patients with degenerative spinal canal stenosis: a double-blind randomized clinical trial. [Poupak RAHIMZADEH](#) (Tehran, Islamic Republic of Iran)
- OP011 The analgesic efficacy of low power laser in osteoarthritis patients under treatment with periarticular steroid injection. [Zahra RAHIMI](#) (Isfahan, Islamic Republic of Iran), [Houshang Taleb TALEB](#), [Ali GHARAVINIA](#)
- OP012 Radiofrequency Thermocoagulation to the Articular Branches of the Femoral and Obturator Nerve in Chronic Hip Pain. [Sevilay SIMSEK KARAOGU](#), [Osman Nuri AYDIN](#) (AYDIN, Turkey), [Yusufcan EKİN](#), [Sinem SARI ÖZTÜRK](#), [Yasemin ÖZKAN](#)
- OP013 Infrared (FLIR) imaging as a monitor for sympathetic blocks in complex regional pain syndrome (CRPS). [Semih GUNGOR](#), [Burcu CANDAN](#) (New York, USA)
- OP014 Prospective Survey of Health Utility State of Chronic Migraine Patients to Assess Quality-Adjusted Life-Years. [Adlai PAPPY II](#) (Boston, USA), [Kathryn SATKO](#), [Alexandra SAVINKINA](#), [Jenny YAU](#), [Lyba KHAN](#), [Robert YONG](#)
- OP015 Ultrasound-guided cervical selective nerve root block versus fluoroscopy-guided interlaminar epidural injection for cervical radicular pain : A randomized, blinded, controlled study. [Selin GUVEN KOSE](#) (Izmit, Turkey), [Cihan KOSE](#), [Serkan TULGAR](#), [Taylan AKKAYA](#)
- OP016 Ultrasound-guided Suboccipital Block-2 for the Treatment of Cervicogenic Headache: Case Series and Clinical Outcomes. [Selin GUVEN KOSE](#) (Izmit, Turkey), [Cihan KOSE](#), [Serkan TULGAR](#), [Taylan AKKAYA](#)
- OP017 Peri-operative cognitive behavioural therapy compared with pain education and mindfulness for chronic post-surgical pain in breast cancer patients with high pain catastrophising characteristics: A randomised, controlled, double-blind clinical trial. [Damien LOWRY](#), [Aneurin MOORTHY](#), [Carla EDGELY](#), [Margarita BLAJEVA](#) (Dublin, Ireland), [Máire Brid CASEY](#), [Donal BUGGY](#)
- OP018 Our catheter experience in earthquake victims operated in our hospital after the 6 February 2023 earthquake in Turkey. [Ergun MENDES](#) (Istanbul, Turkey), [Ozal ADIYEKE](#), [Onur SARBAN](#), [Funda GUMUS OZCAN](#), [Gozen OKSUZ](#)

360° AGORA
HALL B

Juries: Aleksejs MIŠČUKS, Michal VENGLARCIK, Livija SAKIC, Aikaterini AMANITI

16:10

16:10 - 16:40

REFRESHING YOUR KNOWLEDGE

Lipid Resuscitation: History, facts, and Latest Data

Chairperson: Alain BORGEAT (Switzerland)

241

- Lipid Resuscitation: History, facts, and Latest Data. [Guy WEINBERG](#) (USA)
- Discussion.

16:10 - 16:40

REFRESHING YOUR KNOWLEDGE

The real truth about visceral and somatic pain

Chairperson: Athmaja THOTTUNGAL (United Kingdom)

243

- The real truth about visceral and somatic pain. [Andre THERON](#) (South Africa)
- Discussion.

"Thursday 07 September"

16:30

16:30 - 17:20

LIVE DEMONSTRATION - POCUS - 3
Essential for POCUS - All I need to know

252 A&B

Demonstrators: [Thomas DAHL NIELSEN](#) (Denmark), [Rosie HOGG](#) (United Kingdom)

16:30 - 17:20

LIVE DEMONSTRATION - RA - 10
All Blocks you need to know for Successful Paediatric RA

242 A&B

Demonstrators: [Belen DE JOSE MARIA GALVE](#) (Spain), [Per-Arne LONNQVIST](#) (Sweden)

16:30 - 17:25

PERIPHERAL NERVE BLOCKS
Free Papers 4

Chairperson: [Emine Aysu SALVIZ](#) (USA)

- OP039 Superior Trunk Block is an Effective Phrenic-Sparing Alternative to Interscalene Block for Shoulder Arthroscopy: A Systematic Review and Meta-Analysis. [Sara AMARAL](#) (Florianópolis, Brazil), [Rafael LOMBARDI](#), [Heitor MEDEIROS](#), [Allêh NOGUEIRA](#), [Jeffrey GADSDEN](#)
- OP040 Quality of recovery after hip fracture surgery: Pericapsular nerve group block versus fascia iliaca compartment block. [Chaima DEBABI](#), [Azza YEDES](#) (Nabeul, Tunisia), [Oussama BEN NJIMA](#), [Mohamed METHNENI](#), [Hiba KETATA](#), [Mahmoud MAZLOUT](#), [Becem TRABELSI](#), [Mechaal BEN ALI](#)
- OP041 The ED95 dose of commonly used local anaesthetics for ultrasound-guided (USG) axillary brachial plexus blocks: A prospective randomised trial. [Anurag VATS](#) (Leeds, United Kingdom), [Pawan GUPTA](#), [Andrew BERRILL](#), [Sarah ZOHAR](#), [P.m. HOPKINS](#)
- OP042 Comparison between periarticular infiltration, pericapsular nerve group and suprainguinal fascia iliaca blocks on postoperative functional recovery in total hip arthroplasty: preliminary results from a randomized controlled clinical study. [Michele CARELLA](#) (Liège, Belgium), [Florian BECK](#), [Nicolas PIETTE](#), [Jean-Pierre LECOQ](#), [Vincent BONHOMME](#)
- OP043 AN ILIOPSOAS PLANE BLOCK REDUCES OPIOID CONSUMPTION AFTER HIP ARTHROSCOPY BY 56% WITHOUT COMPROMISING AMBULATION. A DOUBLE BLIND, RANDOMIZED TRIAL. [Christian JESSEN](#) (Horsens, Denmark), [Lone DRAGNES BRIX](#), [Thomas DAHL NIELSEN](#), [Ulrick SKIPPER ESPELUND](#), [Bent LUND](#), [Thomas FICHTNER BENDTSEN](#)
- OP044 Comparison of local anaesthetic concentration in pericapsular nerve group (PENG) block for total hip arthroplasty: A prospective randomized double-blind controlled trial. [İlke AKAY AKGÜL](#), [Nur CANBOLAT](#) (Istanbul, Turkey), [Mehmet I. BUGET](#), [Demet ALTUN](#), [Cengiz ŞEN](#), [Kemalettin KOLTKA](#)
- OP045 Anatomical and radiological evaluation of radiocontrast dye spread in the paravertebral space. Pig-tail catheter, epidural catheter and Tuohy needle administration comparison. A cadaver study. [Jarosław MERKISZ](#), [Katarzyna WOŁOSZYN-KARDAS](#) (Lublin, Poland), [Jarosław BARTOSINSKI](#), [Aleksandra JOZWIAK-BARA](#), [Wojciech DABROWSKI](#), [Edyta KOTLINSKA-HASIEC](#), [Grzegorz STASKIEWICZ](#), [Grzegorz TERESINSKI](#)

253

16:50

16:50 - 17:20

TIPS AND TRICKS
QLB: Latest Data

Chairperson: [Paolo GROSSI](#) (Italy)

241

- QLB: Latest Data. [Jens BORGLUM](#) (Denmark)
- Discussion.

16:50 - 17:20

REFRESHING YOUR KNOWLEDGE
ESPA Pain Management Lader Initiative

Chairperson: [Luc TIELENS](#) (The Netherlands)

243

- ESPA Pain Management Lader Initiative. [Maria VITTINGHOFF](#) (Austria)
- Discussion.

"Thursday 07 September"

17:30

17:30 - 18:20

PRO-CON DEBATE Fascial Plane Blocks

Chairperson: Jens BORGLUM (Denmark)

- PRO. Amit PAWA (United Kingdom)
- CON. Louise MORAN (Ireland)
- Rebuttal.
- Discussion.

AMPHITHEATRE
BLEU

17:30 - 18:20

PRO-CON DEBATE To Burn or Stimulate? Neuromodulation versus Radiofrequency in Low Back Pain

Chairpersons: Jose DE ANDRES (Spain), Teodor GOROSZENIUK (United Kingdom)

- PRO - Neuromodulation. Sarah LOVE-JONES (United Kingdom)
- CON - Radiofrequency. David PROVENZANO (USA)
- Rebuttal.
- Discussion.

SALLE
MAILLOT

17:30 - 18:20

LIVE DEMONSTRATION - POCUS - 4 Focused Assessment with Sonography for Trauma (eFAST)

Demonstrators: Wolf ARMBRUSTER (Germany), Lars KNUDSEN (Denmark)

252 A&B

17:30 - 18:20

LIVE DEMONSTRATION - RA - 11 All Blocks you need to know for Pain Free TKA

Demonstrators: Sebastien BLOC (France), Peter MERJAVY (United Kingdom)

242 A&B

17:30 - 18:00

TIPS AND TRICKS Shoulder Arthroscopy: RA Alternatives and Outcome

Chairperson: Nabil ELKASSABANY (USA)

- Shoulder Arthroscopy: RA Alternatives and Outcome. Arely Seir TORRES MALDONADO (Mexico)
- Discussion.

241

17:30 - 18:00

PROBLEM BASED LEARNING DISCUSSION Regional Anaesthesia for Cardiac Surgery

Chairperson: Sina GRAPE (Switzerland)

- Regional Anaesthesia for Cardiac Surgery. Kamen VLASSAKOV (USA)
- Discussion.

243

17:30 - 18:20

ASK THE EXPERT PIEB or continuous Infusion for Fascial Plane Block Catheters?

Chairperson: Ivan KOSTADINOV (Slovenia)

- PIEB or continuous Infusion for Fascial Plane Block Catheters? Danny HOOGMA (Belgium)

253

"Thursday 07 September"

17:40

- Discussion.

17:40 - 18:30

PRO CON DEBATE

Role of Spinal Injections in Spinal Canal Stenosis

Chairperson: [Kenneth CANDIDO](#) (USA)

- PRO - We should proceed with Care. [Ovidiu PALEA](#) (Romania)
- CON - We should avoid them. [Steven COHEN](#) (USA)
- Rebuttal.
- Discussion.

251

18:00

18:00 - 18:30

EDPM CEREMONY

241

Friday 08 September

08:00

08:00 - 09:50

NETWORKING SESSION

Building Game - Changing RA & Pain Scientific Societies

Chairpersons: [Samer NAROUZE](#) (USA), [Thomas VOLK](#) (Germany)

- How to build, lead and sustain an innovative scientific society. [David PROVENZANO](#) (USA)
On behalf of ASRA
- Gender Influences on Team Work Performance. [Eleni MOKA](#) (Greece)
On behalf of ESRA
- What makes a high - performance RA & Pain Scientific Society. [Balavenkat SUBRAMANIAN](#) (India)
On behalf of AORA-PM
- What should be the common vision of RA - Pain Sister Societies. [Juan Carlos DE LA CUADRA FONTAINE](#) (Chile)
On behalf of LASRA
- A Common Ground for Collaboration between RA & Pain Sister Societies. [Ezzat SAMY AZIZ](#) (Egypt)
On behalf of AFSRA
- Q&A.

AMPHITHEATRE
BLEU

08:00 - 09:50

TRAINEES SESSION

The Future of RA Education: What can we learn from mistakes - The Role of Trainees.

Chairpersons: [Pia JÆGER](#) (Denmark), [Ana Patrícia MARTINS PEREIRA](#) (Portugal)

- Necessary Strategies to be Implemented. [Benjamin FOX](#) (United Kingdom)
- Case Presentation 1. [Colleen HARNETT](#) (Ireland)
- Case Presentation 2. [Gorkem USTA](#) (Turkey)
- Case presentation 3. [Laurens MINSART](#) (Belgium)
- Case presentation 4. [Maria TILELI](#) (Greece)
- Q&A - Discussion.

SALLE
MAILLOT

08:00 - 08:50

LIVE DEMONSTRATION - RA - 12

UPPER LIMB-All blocks you need to know for successful practice in one go: Interscalene, Supra/Infraclavicular, Axillary, Distal (Elbow and Wrist) Blocks

252 A&B

Demonstrators: [Karthik SRINIVASAN](#) (Ireland), [Morne WOLMARANS](#) (United Kingdom)

08:00 - 08:50

"Friday 08 September"

ASK THE EXPERT

Frequent Neuropathies secondary to RA in the lower limb

242 A&B

Chairperson: Ioanna SIAFAKA (Greece)

- Frequent Neuropathies secondary to RA in the lower limb. Arely Seir TORRES MALDONADO (Mexico)
- Discussion.

08:00 - 08:30

TIPS AND TRICKS

Is Spinal Still Preferable to GA for Hip Fracture Surgery?

241

Chairperson: Brian KINIRONS (Ireland)

- Is Spinal Still Preferable to GA for Hip Fracture Surgery? Stavros MEMTSOUDIS (USA)
- Discussion.

08:00 - 08:30

REFRESHING YOUR KNOWLEDGE

Which Blocks should we all learn?

243

Chairperson: Vincent CHAN (Canada)

- Which Blocks should we all learn? Danny HOOGMA (Belgium)
- Discussion.

08:00 - 08:30

REFRESHING YOUR KNOWLEDGE

Can Opioid Free Anaesthesia be accomplished in the Paediatric Population?

251

Chairperson: Claude ECOFFEY (France)

- Can Opioid Free Anaesthesia be accomplished in the Paediatric Population? Luc TIELENS (The Netherlands)
- Discussion.

08:00 - 08:50

PRO CON DEBATE

Standardizing RA Techniques: One size fits all?

253

Chairperson: Margaretha (Barbara) BREEBAART (Belgium)

- PRO. Peter MERJAVY (United Kingdom)
- CON. Admir HADZIC (Belgium)
- Rebuttal.
- Discussion.

08:00 - 11:00

OFF SITE - HANDS - ON CADAVER WORKSHOP 7 - RA UPPER & LOWER LIMB BLOCKS, TRUNK BLOCKS

WS Leader: Josip AZMAN (Sweden)

Anatomy Consultant on site: Thierry BEGUE (France)

Unique and exclusive for RA & Pain Cadaveric Workshops: Only whole-body cadavers will be available for the workshops. This is a fantastic opportunity to master your needling skills, perform the actual blocks on fresh cadavers and to improve your ergonomics under direct supervision of world experts in regional anaesthesia and chronic pain management.

There won't be an organized transportation for going/back from the Cadaver workshop.

Public transportation is highly recommended:

"Friday 08 September"

Workshop Address:
Ecole de Chirurgie
8/10 Rue de Fossés Saint Marcel 75005 Paris

How to get to the Workshop?
By Metro from Le Palais des Congrès de Paris

Anatomy
Institute

35min
*Station Neuilly - Porte Maillot line M1 (direction of Château de Vincennes)
Change at Palais Royal - Musée du Louvre into line M7 (direction of Villejuif-Louis
Aragon) get off at Censier- Daubenton→5min walking*

- Workstation 1. Upper Limb Blocks. [Dusan MACH](#) (Czech Republic)
ISB, SCB, AxB, cervical plexus (Supine Position)
- Workstation 2. Upper Limb and chest Blocks. [Ruediger EICHHOLZ](#) (Germany)
ICB, IPPB/PSPB (PECS), SAPB (Supine Position)
- Workstation 3. Thoracic trunk blocks. [Laurent DELAUNAY](#) (France)
tPVB, ESP, ITP (Prone Position)
- Workstation 4. Abdominal trunk Blocks. [Bernhard MORIGGL](#) (Austria)
TAP, RSB, IH/II (Supine Position)
- Workstation 5. Lower limb blocks. [Ashwani GUPTA](#) (United Kingdom)
SiFiB, PENG, FEMB, FTB, Adductor Canal B, Obturator (Supine Position)
- Workstation 6. Lower limb blocks. [Matthew OLDMAN](#) (United Kingdom)
QLBs, proximal and distal sciatic B, iPACK (Lateral Position)

08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 8 - CHRONIC PAIN **US Use in Chronic Pain Medicine - Head and Neck**

WS Leader: [Gustavo FABREGAT](#) (Spain)

201

- Workstation 1: Supraorbital & Occipital Nerve (GON, TON, LON) Blocks. [Raja REDDY](#) (United Kingdom)
- Workstation 2: Maxillary Nerve Block. [Magdalena ANITESCU](#) (USA)
- Workstation 3: Cervical Medial Branch Block. [Manfred GREHER](#) (Austria)
- Workstation 4: Stellate Ganglion Block. [Thomas HAAG](#) (United Kingdom)



08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 9 - CHRONIC PAIN **US Use in Common Nerves Blockade for Chronic Pain Management**

WS Leader: [Luis Fernando VALDES VILCHES](#) (Spain)

234

- Workstation 1: Cervical Roots & Suprascapular Nerve (various levels approaches). [Vicente ROQUES](#) (Spain)
- Workstation 2: Ilioinguinal, Iliohypogastric, Genitofemoral and Obturator Nerves, including hip branches (LCT, Saphenous, Genicular Nerves). [Michal BUT](#) (Poland)
- Workstation 3: Posterior Pelvis Sonoanatomy (I) / Superior Gluteal Nerve, Piriformis Muscle, Pudendal Nerve. [Humberto Costa REBELO](#) (Portugal)
- Workstation 4: Posterior Pelvis Sonoanatomy (II) / Inferior Cluneal Nerve, Sciatic Nerve, Ischial Tuberosity. [Fransisca ELGUETA](#) (Chile)



08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 5 - POCUS **POCUS in Emergency Room and ICU**

WS Leader: [Lars KNUDSEN](#) (Denmark)

224

- Workstation 1: Airway Ultrasound (Difficult Airway Predictors, Vocal Cords, Cricothyroid Membrane Location). [Loes BRUIJSTENS](#) (The Netherlands)
- Workstation 2: Lung Ultrasound (Normal Lung, Pneumothorax, Pleural Effusion). [Barbara RUPNIK](#) (Switzerland)

"Friday 08 September"

- Workstation 3: Focused Assessment with Sonography for Trauma (eFAST). [Wolf ARMBRUSTER](#) (Germany)
- Workstation 4: FOCUS (I) - Deep Venous Thrombosis (DVT), Pulmonary Thromboembolism (PE indirect signs), Cardiac Tamponade. [Valentina RANCATI](#) (Switzerland)



08:00 - 10:00

HANDS ON CLINICAL WORKSHOP 18 - RA **Peripheral Nerve Blocks Above Clavicle**

WS Leader: [Eric ALBRECHT](#) (Switzerland)

221

- Workstation 1: Interscalene Block. [Can AKSU](#) (Turkey)
- Workstation 2: Suprascapular Nerve Block. [Attila BONDAR](#) (Ireland)
- Workstation 3: Axillary Nerve Block. [Mario FAJARDO PEREZ](#) (Spain)
- Workstation 4: Supraclavicular and Retroclavicular Nerve Blocks. [Xavier SALA-BLANCH](#) (Spain)



08:00 - 10:00

HANDS ON CLINICAL WORKSHOP 19 - RA **Necessary Blocks to Know for Pain Free TKA**

Demonstrator: [Stuart GRANT](#) (USA)

231

- Workstation 1: Femoral Nerve Block. [David MOORE](#) (Ireland)
- Workstation 2: Blocks of Obturator Nerve and Lateral Femoral Cutaneous Nerve of the Thigh. [Harry FRIZELLE](#) (Ireland)
- Workstation 3: Sciatic Nerve Block. [Olivier RONTES](#) (France)
- Workstation 4: Adductor Canal Block & iPACK. [Patrick NARCHI](#) (France)



08:00 - 10:00

360° AGORA - SIMULATION SCIENTIFIC SESSION 4 **NEPHRECTOMY - THORACIC EPIDURAL ANALGESIA**

360° AGORA
HALL B

Animators: [Archana ARETI](#) (India), [Shri Vidya NIRANJAN KUMAR](#) (India), [Suwimon TANGWIWAT](#) (Thailand), [Roman ZUERCHER](#) (Switzerland)

WS Leader: [Ashokka BALAKRISHNAN](#) (Singapore)

08:40

08:40 - 09:10

TIPS AND TRICKS **To mix or not to mix? Ideal LA for each PNB**

241

Chairperson: [Fatma SARICA OGLU](#) (Turkey)

- To mix or not to mix? Ideal LA for each PNB. [Guy WEINBERG](#) (USA)
- Discussion.

08:40 - 09:10

TIPS AND TRICKS **Peripheral Nerve Blocks for Opioid Sparing Anaesthesia**

251

Chairperson: [Andrea SAPORITO](#) (Switzerland)

- Peripheral Nerve Blocks for Opioid Sparing Anaesthesia. [Hélène BELOEIL](#) (France)
- Discussion.

08:40 - 09:10

REFRESHING YOUR KNOWLEDGE **Diagnosis & Management of Nerve Injury In RA**

243

Chairperson: [Jose Alejandro AGUIRRE](#) (Switzerland)

"Friday 08 September"

- Diagnosis & Management of Nerve Injury In RA. [Maria Paz SEBASTIAN](#) (United Kingdom)
Remote presentation

08:55

- Discussion.
08:55 - 09:50

ULTRASOUND GUIDED RA (UGRA) **Free Papers 5**

Chairperson: [Dmytro DMYTRIIEV](#) (Ukraine)

- OP046 Comparison of ultrasound-guided supra inguinal fascia iliaca block with infra inguinal fascia iliaca block in postoperative pain management in intertrochanteric femur fracture. [Seyed Hamid Reza FAIZ](#) (Tehran, Islamic Republic of Iran), [Poupak RAHIMZADEH](#)
- OP047 Going Deep or Staying Superficial - Which Serratus Anterior Plane Block Wins for Analgesia: A Meta-Analysis. [Sara AMARAL](#) (Florianópolis, Brazil), [Heitor MEDEIROS](#), [Rafael LOMBARDI](#)
- OP048 Conventional anatomical landmark versus preprocedural ultrasound for thoracic epidural analgesia: A systematic review and meta-analysis. [Mahfouz SHARAPI](#) (Dublin, Ireland), [Ammar MEKTEBI](#), [Kerollos George PHILIP](#), [Khaled Anwer ALBAKRI](#), [Amany E. MAHFOUZ](#)
- OP050 Ultrasound-guided subpectineal approach of the obturator nerve: An anatomical study. [Hipolito LABANDEYRA](#) (Barcelona, Spain), [Xavier SALA-BLANCH](#)
- OP051 Effect of Dexamethasone as an adjuvant to Bupivacaine for ultrasound- guided axillary plexus block: A randomized, double-blinded prospective study. [Hossein KHOSHRANG](#), [Mohammad HAGHIGHI](#) (Rasht, Islamic Republic of Iran), [Mehran SOLEYMANHA](#), [Saeed HEMATI](#), [Firoozeh KHALILI](#), [Mahin TAYEFE](#)
- OP052 INTERTRANSVERSE PROCESS BLOCK AT THE RETRO-SCTL SPACE: EVALUATION OF INJECTATE SPREAD USING MRI AND SENSORY BLOCKADE IN HEALTHY VOLUNTEERS. [Pawinee PANGTHIPAMPAI](#), [Palanan SIRIWANARANGSUN](#), [Jatuporn PAKPIROM](#), [Ranjith Kumar SIVAKUMAR](#) (Hong Kong, Hong Kong), [Manoj Kumar KARMAKAR](#)

253

09:00

09:00 - 09:50

LIVE DEMONSTRATION - RA -13 **Peripheral Nerve Blocks for a Pain Free TKA**

252 A&B

Demonstrators: [Nabil ELKASSABANY](#) (USA), [Brian KINIRONS](#) (Ireland)

09:00 - 09:50

ASK THE EXPERT **RA for Clavicle Fractures and Clavicle Surgery**

242 A&B

Chairperson: [Barry NICHOLLS](#) (United Kingdom)

- RA for Clavicle Fractures and Clavicle Surgery. [Shahridan Mohd FATHIL](#) (Malaysia)
- Discussion.

09:20

09:20 - 09:50

TIPS AND TRICKS **ESPB: Indications and Tricks to increase success**

241

Chairperson: [Teresa PARRAS](#) (Spain)

- ESPB: Indications and Tricks to increase success. [Julian AUSTE](#) (Chile)
- Discussion.

09:20 - 09:50

TIPS AND TRICKS **Transitional Pain: Risk Factors and the Role of RA**

251

Chairperson: [Johan RAEDER](#) (Norway)

- Transitional Pain: Risk Factors and the Role of RA. [Athmaja THOTTUNGAL](#) (United Kingdom)
- Discussion.

09:20 - 09:50

"Friday 08 September"

REFRESHING YOUR KNOWLEDGE Sympathetic Chain Blocks

243

Chairperson: Kamen VLASSAKOV (USA)

- Sympathetic Chain Blocks. Jan VAN ZUNDELT (Belgium)
- Discussion.

10:00

MORNING COFFEE BREAK AT EXHIBITION / ePOSTER VIEWING

EPOSTER SESSION 7 - STATION 1

Chairperson: Romualdo DEL BUONO (Italy)

- EP217 Patient perspectives of informed consent for regional anesthesia for ambulatory surgery. Liem HO, Vishal UPPAL, Jon BAILEY (Halifax, Canada), Akua GYAMBIBI
- EP218 Caudal epidural block versus anterior quadratus lumborum block for pediatric hip surgery. Marwa MEJRI, Dorra BOUKOTTAYA, Chadha BEN MESSAOUD, Yasmine TRABELSI, Oussama NASRI (tunis, Tunisia), Emna TRIGUI, Olfa KAABACHI
- EP219 Cryoanalgesia is an essential part of multimodal analgesia in the surgical treatment of funnel chest deformation. Sławomir ZACHA (Dobra, Poland), Karolina SKONIECZNA-ŻYDECKA, Konrad JAROSZ, Jowita BIERNAWSKA
- EP220 Pathways of dye spread after ultrasound guided injections in the paraspinal spaces- A Cadaveric study. Sandeep DIWAN, Anju GUPTA (New Delhi, India), Shivprakash SHIVAMALLAPPA, Rasika TIMANE, Pallavi PAI
- EP221 Between a rock and a hard place: Epidural anesthesia for a caesarean delivery in a woman with diaphragmatic paralysis - a case report. Alexandrina SILVA, David SILVA MEIRELES (Lisbon, Portugal), Cristina SALTA, Teresa ROCHA
- EP222 Triple block vs Spinal anaesthesia vs General anaesthesia for total knee replacement in high risk patients: perioperative hemodynamic stability, complication and costs. Angelika SCHAFFLER (Zürich, Switzerland), Luisa VAZ RODRIGUES, Hagen BOMBERG, Francesco MONGELLI, Andrea SAPORITO, Urs EICHENBERGER, José AGUIRRE

EPOSTER SESSION 7 - STATION 2

Chairperson: David MOORE (Ireland)

- EP223 High Thoracic Erector Spinae Plane Block for Shoulder Arthroscopy: Case Series. Derya ÖZKAN, Funda ATAR (Ankara, Turkey)
- EP224 Features of treatment of pain syndrome after knee atroplasty at the second stage of rehabilitation. Aleksey Yu. ELDYREV (Cheboksary, Russia), Mikhail I. IVANOV, Rodion N. DRANDROV, Ol'ga V. TRIFONOVA, Andrey L. VLADIMIROV
- EP225 Comparison of onset of action for ultrasound guided sciatic nerve block at pre-bifurcation and post bifurcation level in patients undergoing lower extremity surgery. Maheshwari SIVASHANMUGHA KUMAR (Coimbatore, India), Saranya RAJ.M
- EP226 Current situation of radiofrequency for the treatment of cervical back pain originating in the facet joints in Spain. Rubén RUBIO HARO (Valencia, Spain), Alberto GÓMEZ-LEÓN, Marcos SALMERÓN-MARTÍN, John Carlos PÉREZ-MORENO, Mercé MATUTE CRESPO, Mar MONERRIS-TABASCO, Maite BOVAIRA-FORNER
- EP227 Survey about the voltage used in pulsed radiofrequency in several chronic pain conditions. Rubén RUBIO HARO (Valencia, Spain), Alberto GÓMEZ-LEÓN, Marcos SALMERÓN-MARTÍN, Eva MERCADO-DELGADO, Maite BOVAIRA-FORNER, Javier DE ANDRÉS-ARES, Consuelo NIETO-IGLESIAS
- EP228 Compliance with HSE guidelines regarding opioid prescription for treatment of acute pain in tertiary Irish Hospital. a quality improvement project. Ahmed ABBAS (Dublin, Ireland), Mohamed MOSTAFA, Barry MCHALE., David MOORE

EPOSTER SESSION 7 - STATION 3

Chairperson: Jens BORGLUM (Denmark)

- EP229 EVALUATION OF A STRUCTURED ACUTE POSTOPERATIVE PAIN SERVICE FOR IMPROVING PAIN MANAGEMENT IN A TERTIARY CARE CANCER HOSPITAL- A CLINICAL AUDIT. Sumantra Sarathi BANERJEE (Kolkata, India), Anshuman SARKAR, Srimanta Kumar HALDER, Angshuman RUDRAPAL, Suparna MITRA BARMAN, Rudranil NANDI, Shikhar MORE, Anwesha BASNET
- EP230 Intravenous ibuprofen vs dextketoprofen for postoperative pain: efficacy and the possible adverse effects. Pereda González ELVIRA, Pérez Marí VIOLETA, Delgado Navarro CARLOS, Santiago Patterson PABLO (Valencia, Spain), Marqués Peiró FERRÁN, De Andrés Ibáñez JOSÉ

"Friday 08 September"

- EP231 Chronic low back pain as the cause of disability retirement - seven-year follow-up of surgical versus nonsurgical treatment approach. [Željka MARTINOVIĆ](#) (Zagreb (10000), Croatia), [Daniela BANDIĆ PAVLOVIĆ](#)
- EP232 Regional Anaesthesia for Knee Arthroplasty, Our Experience from Chase Farm Hospital. [Masseh YAKUBI](#) (London, United Kingdom), [Luke FLOWER](#), [Geevithan KUMARAN](#), [Rhiann O'SHAUGHNESSY](#), [Sagar TIWATANE](#)
- EP233 Ultrasound Guided Supra-Inguinal Fascia Iliaca Compartment Block vs Femoral Block For Hip Fracture In The Emergency Department. [Bora BILAL](#) (KAHRAMANMARAS, Turkey), [Fatih Nazmi YAMAN](#), [Feyza ÇALIŞIR](#)
- EP234 Comparison of morphine spinal analgesia with paravertebral block for renal surgeries in pediatric patients: A prospective randomised study. [Maha BEN MANSOUR](#), [Ines KOOBAA](#), [Fares BEN SALEM](#), [Imen TRIMECH](#) (Paris), [Sarrah SAMMARI](#), [Amine BEN SLIMENE](#), [Sawsen CHAKROUN](#), [Mourad GAHBICHE](#)

EPOSTER SESSION 7 - STATION 4

Chairperson: [Nat HASLAM](#) (United Kingdom)

- EP235 Ramsey Hunt Syndrome Treated with Peripheral Nerve Stimulation. [Natalie STRAND](#) (Phoenix, USA)
- EP236 Effectiveness of regional anesthesia in the perioperative management of gender-affirming surgeries: A systematic review. [Glen KATSNELSON](#) (Toronto, Canada), [Connor BRENNAN](#), [Yasmeen Mankinen ABDALLAH](#), [Laura GIRON ARANGO](#), [Faraj Wahib ABDALLAH](#), [Richard BRULL](#)
- EP237 Does Erector Spinae Plane Block improve respiratory outcomes in adults with rib fractures? [Katie ALDRED](#) (Liverpool, United Kingdom)
- EP238 A comparison of continuous supraclavicular brachial plexus block using the proximal longitudinal oblique approach, and interscalene brachial plexus block for arthroscopic shoulder surgery. [Ju-Seung LEE](#) (Seoul, Korea), [Yeon Ju KIM](#), [Sehee KIM](#), [Mi-Ra KANG](#), [Ha-Jung KIM](#), [Won Uk KOH](#), [Young-Jin RO](#), [Hyungtae KIM](#)
- EP239 A case of dysautonomia in CRPS: a nine years follow up of a very rare and complex patient. [Dimitrios PEIOS](#) (Thessaloniki, Greece), [Athanasia TSAROUCHA](#), [Aikaterini TSIROGIANNI](#), [Georgios MATIS](#)
- EP240 Development and delivery of ultrasound guided peripheral nerve block service in a high burden low resource setting. [In-Ae TRIBE](#) (London, United Kingdom), [Jonathan DEAN](#), [Katharina HODT](#)

EPOSTER SESSION 7 - STATION 5

Chairperson: [Aleksejs MISCUKS](#) (Latvia)

- EP241 Effect of irrigation fluid temperature on hypothermia of patients undergoing TURP under spinal anesthesia. [Hossein KHOSHRANG](#) (Rasht, Islamic Republic of Iran), [Samaneh GHAZANFAR TEHRAN](#), [Mohammadsadegh FHOROUGHIFAR](#), [Ali HAMIDI MADANI](#), [Samaneh ESMAEILI](#), [Firoozeh KHALILI](#)
- EP242 Hip fracture surgery - Is the anaesthesia practice changing post COVID-19 pandemic? - An online survey of anaesthetists. [Vitul MANHAS](#), [Shashikant YEGNARAM](#) (Leicester, United Kingdom), [Vipul KAUSHIK](#)
- EP243 Three-dimensional reconstruction of randomly selected ex-vivo spines: Needle insertion angles for spinal anesthesia. [Hipólito LABANDEYRA](#), [Xavier SALA-BLANCH](#), [Alberto PRATS-GALINO](#), [Anna PUIGDELLÍVOL-SÁNCHEZ](#) (Barcelona, Spain)
- EP244 Efficacy of Electroacupuncture for Carpal Tunnel Syndrome: A Clinical, Electrophysiology and Ultrasonography Study. [Aikaterini-Maria NTOUTSOULI](#), [George GEORGIOUDIS](#), [Apostolos PAPAPOSTOULOU](#), [Miltiades KARAVIS](#), [Dimos-David PETROU](#), [Athina VADALOUCA](#), [Kassiani THEODORAKI](#) (Athens, Greece)
- EP245 Training in neuraxial anaesthesia: workshop on spinal and epidural anaesthesia for first-year trainees in anaesthesiology. [Oscar COMINO-TRINIDAD](#) (Barcelona, Spain), [Marina VENDRELL](#), [Jorge ALIAGA](#), [Júlia VIDAL](#), [Adriana CAPDEVILA](#), [Ibáñez CRISTINA](#)
- EP246 Prolotherapy in the treatment of cervicogenic headache. [Ioanna-Io ZAGLI](#), [Zak RAPHAEL](#), [Dimitrios ZAGLIS](#), [Kassiani THEODORAKI](#) (Athens, Greece)

EPOSTER SESSION 7 - STATION 6

Chairperson: [Lara RIBEIRO](#) (Portugal)

- EP248 Mepivacaine Dosing for Spinal Anesthesia in Pediatric Orthopedic Surgery: A Retrospective Chart Review. [Michelle CARLEY](#), [Miriam SHEETZ](#) (New York, USA), [Justas LAUZADIS](#), [Haoyan ZHONG](#), [Kathryn DELPIZZO](#)
- EP250 Rectus sheath block added to parasternal block improves respiratory performance after median sternotomy with drainage positioning in cardiac surgery patients. [Alessandro STRUMIA](#), [Domenico SARUBBI](#), [Annalaura DI PUMPO](#), [Giuseppe PASCARELLA](#), [Fabio COSTA](#) (ROME, Italy), [Stefano RIZZO](#), [Mariapia STIFANO](#), [Felice Eugenio AGRO](#)

"Friday 08 September"

- EP251 Anesthetic management during labor and subsequent cesarean section of a parturient with Devic disease (Neuromyelitis Optica): a case report. [Athanasia TSAROUCOA](#), [Christina ORFANO](#) (Athens, Greece), [Aiki TYMPA-GRIGORIADOU](#), [Thalis ASIMAKOPOULOS](#), [Georgios VAIPOPOULOS](#), [Aikaterini MELEMENI](#)
- EP252 Pain Management In Off-Pump Coronary Artery Bypass: A Systematic Review and Meta-Analysis of the Bilateral Erector Spinae Plane Block versus Control. [Marcela TATSCH TERRES](#), [Maria Luísa ASSIS](#), [Rita Gonçalves CARDOSO](#) (Guimarães, Portugal), [Sara AMARAL](#)

10:30

10:30 - 11:20

SECOND OPINION BASED DISCUSSION Challenging in Caring Cancer Patients

Chairperson: [Magdalena ANITESCU](#) (USA)

- Early Referral for Pain Interventions may Improve Survival. [Dan Sebastian DIRZU](#) (Romania)
- Pain Control and Survival Improvement: what is the evidence. [Arun BHASKAR](#) (United Kingdom)
- Collaboration with other services - the multidisciplinary approach. [Martina REKATSINA](#) (Greece)
- Clinical relevance & Consensus statement. [Magdalena ANITESCU](#) (USA)
- Discussion.

AMPHITHEATRE
BLEU

10:30 - 11:20

PRO - CON DEBATE From PVB to ESP

Chairperson: [Philippe GAUTIER](#) (Belgium)

- PRO. [Kj Jinn CHIN](#) (Canada)
- CON. [Manoj KARMAKAR](#) (Hong Kong)
- Rebuttal.
- Discussion.

SALLE
MAILLOT

10:30 - 11:20

LIVE DEMONSTRATION - RA -14 Peripheral Nerve Blocks for a Pain Free THA

Demonstrators: [Margaretha \(Barbara\) BREEBAART](#) (Belgium), [Philip PENG](#) (Canada)

252 A&B

10:30 - 11:20

ASK THE EXPERT Diabetic Neuropathy and PNBs

Chairperson: [Celeste QUAN](#) (South Africa)

- Diabetic Neuropathy and PNBs. [Jee Youn MOON](#) (Korea)
- Discussion.

242 A&B

10:30 - 11:20

PRO - CON DEBATE Technology can replace current RA training

Chairperson: [Stavros MEMTSOUDIS](#) (USA)

- PRO. [Brian O'DONNELL](#) (Ireland)
- CON. [Morne WOLMARANS](#) (United Kingdom)
- Rebuttal.
- Discussion.

241

10:30 - 11:20

PRO - CON DEBATE Femoral Triangle versus Adductor Canal Block for anterior knee surgery

"Friday 08 September"

Chairperson: Alain DELBOS (France)

- PRO - Femoral Triangle. Sebastian LAYERA (Chile)
- PRO - Adductor Canal Block. Pia JÆGER (Denmark)
- Rebuttal.
- Discussion.

251

10:30 - 11:20

ASK THE EXPERT

Role of cutaneous innervation in developing chronic neuropathic pain

Chairperson: Thomas DAHL NIELSEN (Denmark)

243

- Role of cutaneous innervation in developing chronic neuropathic pain. Thomas Fichtner BENDTSEN (Denmark)
- Discussion.

10:30 - 11:25

CHRONIC PAIN MANAGEMENT Free Papers 6

253

10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 38 Fascial Plane Blocks for Thoracic Surgery

202

WS Expert: Stuart GRANT (USA)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 39 Most Useful Fascial Plane Blocks for Pain Free Abdominal Surgery

203

WS Expert: Ivan KOSTADINOV (Slovenia)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 40 Tips and Tricks for US Guided RA Techniques applied in Breast Surgery

204

WS Expert: Amit PAWA (United Kingdom)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 41 Rib Fractures: Which US Guided RA technique should I apply?

234

WS Expert: Mark CROWLEY (United Kingdom)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 42 Peripheral Nerve Blocks for Analgesia in Hip Fracture Surgery

235

WS Expert: Emmanuel GUNTZ (Belgium)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 43 Most Useful US Guided Blocks for Paediatric RA

236

WS Expert: Eleana GARINI (Greece)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 44 Peripheral Nerve Blocks for Shoulder Surgery

237

"Friday 08 September"

WS Expert: [Clara LOBO](#) (United Arab Emirates)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 45
Most Useful Fascial Plane Blocks for Pain Free Thoracic Surgery

224

WS Expert: [Ammar SALT](#) (United Arab Emirates)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 46
POCUS - eFAST for every Anaesthesiologist

225

WS Expert: [Stephen HASKINS](#) (USA)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 47
Tricks and Pitfalls in US Guided RA for Lumbar and Thoracic Spine

226

WS Expert: [Peñafrancia CANO](#) (Philippines)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 48
US Guided Vascular Access in ICU and ER

227

WS Expert: [Barbara RUPNIK](#) (Switzerland)



10:30 - 11:00

"MINI" HANDS - ON CLINICAL WORKSHOP 67
ESP Block: Tips and Tricks

201

WS Expert: [Maria Fernanda ROJAS](#) (Colombia)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 49
UGRA: Tips and Tricks for Image Optimization

221

WS Expert: [Dasgupta KAUSIK](#) (United Kingdom)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 50
US Guided Spinal Pain Treatment

222

WS Expert: [Agi STOGICZA](#) (Hungary)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 51
GPS Gluteal Pain Syndrome: Caudal Epidural Injections, Sacroiliac Joint Injection, Piriformis Muscle, Hamstring Tendonitis

223a

WS Expert: [Esperanza ORTIGOSA](#) (Spain)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 52
US Guided Fascia Iliaca Blocks: Tips and Tricks

231

WS Expert: [Melody HERMAN](#) (USA)



10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 53
Thoracic Intertransverse Process Block as Paravertebral - By - Proxy Blocks

232

WS Expert: [Balavenkat SUBRAMANIAN](#) (India)



"Friday 08 September"

10:30 - 11:30

"MINI" HANDS - ON CLINICAL WORKSHOP 54
Update on "real time US guidance" for epidural

233a

WS Expert: [Urs EICHENBERGER](#) (Switzerland)



10:30 - 11:30

360° AGORA - SIMULATION INDUSTRIAL SESSION 6 (SPONSORED)

360° AGORA
HALL B

11:30

11:30 - 12:30

AWARDS CEREMONY

- Carl Koller Award Lecture. [Manoj KARMAKAR](#) (Hong Kong)
- Summary of the Albert Van Steenberg Award Article. [Alex MAURICE-SZAMBURSKI](#) (France)
- Summary of the Chronic Pain Award Article. [Sozaburo HARA](#) (Norway)
- Educational Grants.
- Announcement of the Best Free Paper and E-Poster Winners.

AMPHITHEATRE
BLEU

11:30 - 14:30

**OFF SITE - HANDS - ON CADAVER WORKSHOP 8 - PAIN
OPHTHALMIC, HEAD & NECK BLOCKS**

WS Leader: [Manfred GREHER](#) (Austria)

Anatomy Consultant on site: [Thierry BEGUE](#) (France)

Unique and exclusive for RA & Pain Cadaveric Workshops: Only whole-body cadavers will be available for the workshops. This is a fantastic opportunity to master your needling skills, perform the actual blocks on fresh cadavers and to improve your ergonomics under direct supervision of world experts in regional anaesthesia and chronic pain management.

There won't be an organized transportation for going/back from the Cadaver workshop.

Public transportation is highly recommended:

Workshop Address:

Ecole de Chirurgie

8/10 Rue de Fossés Saint Marcel 75005 Paris

How to get to the Workshop?

By Metro from Le Palais des Congrès de Paris

35min

Station Neuilly - Porte Maillot line M1 (direction of Château de Vincennes)

Change at Palais Royal - Musée du Louvre into line M7 (direction of Villejuif-Louis Aragon) get off at Censier- Daubenton→5min walking

Anatomy
Institute

- Workstation 1. Practice on Fresh Frozen Cadaver: Peribulbar & Sub - Tenon's Blocks - Supine Position. [Friedrich LERSCH](#) (Switzerland)
- Workstation 2. Ultrasound Guided ophthalmic Block with Hands - On Scanning and Needling (On Fresh Frozen Cadaver): latéral peribulbaire block and caruncular block- Supine Position. [Lucie BEYLACQ](#) (France)
- Workstation 3. Practice on Fresh Frozen Cadaver: Stellate Ganglion Block (Cervical Sympathetic Block) - Supine position. [Graham SIMPSON](#) (United Kingdom)
- Workstation 4. Practice on Fresh Frozen Cadaver: Cervical Nerves Blocks & Cervical Plexus Block - Supine Position. [Kenneth CANDIDO](#) (USA)
- Workstation 5. Ultrasound Guided Nerve Blocks with Hands - On Scanning and Needling (On Fresh Frozen Cadaver): Occipital Nerves (GON, TON, LON), Cervical MBB - Prone or Lateral position. [Raja REDDY](#) (United Kingdom)
- Workstation 6. Ultrasound Guided Nerve Blocks with Hands - On Scanning and Needling (On Fresh Frozen Cadaver): Stellate Ganglion, Cervical Roots, Suprascapular NN - Lateral or Supine Position.

"Friday 08 September"

Dusan MACH (Czech Republic)

12:30

12:30 - 14:00

LUNCHEON SESSION 1
How to effectively use Continuous PNBs?

Keynote Speaker: Christian BERGEK (Sweden)

MID-DAY LUNCH BREAK AT EXHIBITION / E-POSTER VIEWING

12:30 - 14:00

LUNCHEON SESSION 3
Abdominal Wall Blocks in the Obstetric Population

Keynote Speaker: Sarah ARMSTRONG (United Kingdom)

12:30 - 14:00

LUNCHEON SESSION 4
Optimal Perioperative Analgesia for Hip Fracture Surgery

Keynote Speaker: Mark CROWLEY (United Kingdom)

12:30 - 14:00

LUNCHEON SESSION 5
RA in Africa: Challenges and the way forward

Keynote Speaker: Musa Kallamu SULEIMAN (Liberia)

12:30 - 14:00

LUNCHEON SESSION 6
Selection of the best RA technique for paediatric surgery

Keynote Speaker: Belen DE JOSE MARIA GALVE (Spain)

12:30 - 14:00

LUNCHEON SESSION 10
Does RA have a role in the management of placenta accreta spectrum?

Keynote Speaker: Eva ROOFTHOOF (Belgium)

12:30 - 14:00

LUNCHEON SESSION 11
The influence of Neuraxial analgesia on the progress of Labour

Keynote Speaker: Frédéric MERCIER (France)

12:30 - 14:00

LUNCHEON SESSION 12
Does Adductor Channel Catheter have a role on Postoperative Pain and Early Physiotherapy for Anterior Knee Surgery?

Keynote Speaker: Pia JÆGER (Denmark)

12:30 - 14:00

LUNCHEON SESSION 13
How and Why to succeed in RA Diploma

Keynote Speaker: Markus STEVENS (The Netherlands)

12:30 - 14:00

LUNCHEON SESSION 14
Overcoming challenges in teaching RA

"Friday 08 September"

Keynote Speaker: Celeste QUAN (South Africa)

12:30 - 14:00

LUNCHEON SESSION 15
Defining the role of Ultrasound in Obstetric Anaesthesia

Keynote Speaker: Ban Leong SNG (Singapore)

12:30 - 14:00

LUNCHEON SESSION 16
Actual Considerations on Surgical Site Local Anaesthetic Infiltration

Keynote Speaker: Marc BEAUSSIER (France)

12:30 - 14:00

LUNCHEON SESSION 17
Ultrasound Guided Brachial Plexus Blockade: Recent Updates

Keynote Speaker: Ranjith Kumar SIVAKUMAR (Hong Kong)

12:30 - 14:00

LUNCHEON SESSION 18
PNBs Failure: How to proceed?

Keynote Speaker: Nat HASLAM (United Kingdom)

12:30 - 14:00

LUNCHEON SESSION 20
Blocks for THA: Efficacy and Evidence

Keynote Speaker: Daniel MAALOUF (USA)

14:00

14:00 - 14:50

SECOND OPINION BASED DISCUSSION
Confused about CRPS?

Chairperson: Aikaterini AMANITI (Greece)

- CRPS is a primary chronic pain syndrome. Matthieu CACHEMAILLE (Switzerland)
- Early interventions are effective in CRPS 1 & 2. Arun BHASKAR (United Kingdom)
- 2nd opinion. Ravi KARE (United Kingdom)
- Clinical relevance & Consensus statement. Aikaterini AMANITI (Greece)
- Discussion.

AMPHITHEATRE
BLEU

14:00 - 14:50

PRO - CON DEBATE
Centralizing RA Services: RA Training is for all

Chairperson: Vishal UPPAL (Canada)

- YES. Edward MARIANO (USA)
- NO. Gwen MORGAN (South Africa)
- Rebuttal.
- Discussion.

SALLE
MAILLOT

14:00 - 14:50

LIVE DEMONSTRATION - RA -15
QLB, ESP Blocks

252 A&B

Demonstrators: Jens BORGLUM (Denmark), Yavuz GURKAN (Turkey)

"Friday 08 September"

14:00 - 15:00

USG WARS 2 - PANDEMONIUM IN PARIS

Chairperson: Amjad MANIAR (India)

- Team 1. Tvs GOPAL (India), Vrushali PONDE (India), Melody HERMAN (USA)
- Team 2. Ritesh ROY (India), T. SIVASHANMUGAM (India), Margaretha (Barbara) BREEBAART (Belgium)
- Team 3. Muralidhar THONDEBHAVI SUBBARAMAIAH (India), Harshal WAGH (India), Sari CASAER (Belgium)
- Team 4. Rammurthy KULKARNI (India), Azam DANISH (India), Nadia HERNANDEZ (USA)
- Technical support. Archana ARETI (India), Vaibhavi UPADHYE (India)

242 A&B

14:00 - 14:50

ASK THE EXPERT

From Kilimanjaro to Starlink: The Point-of-Care Ultrasound Mentor Can Supervise Anyone, Anywhere, Anytime with Mobile Handheld Video Streaming

241

Keynote Speaker: Lars KNUDSEN (Denmark)

Chairperson: Thomas Fichtner BENDTSEN (Denmark)

14:00 - 14:30

REFRESHING YOUR KNOWLEDGE Recipies in Spinal Anaesthesia

Chairperson: Evmorfia STAVROPOULOU (Greece)

251

- Recipies in Spinal Anaesthesia. Dan BENHAMOU (France)
- Discussion.

14:00 - 14:30

REFRESHING YOUR KNOWLEDGE Perioperative Pain Management: Current Controversies

Chairperson: Girish JOSHI (USA)

243

- Perioperative Pain Management: Current Controversies. Jatupom PAKPIROM (Thailand)
- Discussion.

14:00 - 14:30

REFRESHING YOUR KNOWLEDGE Thoracic PVB as the sole anaesthetic in primary breast cancer surgery

Chairperson: Teresa PARRAS (Spain)

253

- Thoracic PVB as the sole anaesthetic in primary breast cancer surgery. Julien RAFT (France)
- Discussion.

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 55 Update on "US assistance" for difficult spine anatomy

201

WS Expert: Hari KALAGARA (USA)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 56 US Guided Lumbar Plexus Block: Parasagittal and Samrock Approaches for Hip and Knee Surgery

202

WS Expert: Xavier SALA-BLANCH (Spain)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 57 Fascial Plane Blocks for Abdominal Surgery

203

"Friday 08 September"

WS Expert: [Kamen VLASSAKOV](#) (USA)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 58
Rib Fractures: What RA technique is the best?

204

WS Expert: [Ana LOPEZ](#) (Belgium)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 37
Brachial Plexus Blockade: Most Common PNBs for Upper Extremity Surgery

221

WS Expert: [Kj Jinn CHIN](#) (Canada)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 59
US guided PNBs for Trauma Patients: How to master the most important blocks

234

WS Expert: [Dmytro DMYTRIIEV](#) (Ukraine)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 60
Basic Ophthalmic Blocks for an anaesthesiologist

235

WS Expert: [Oya Yalcin COK](#) (Turkey)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 61
Blocks for awake carotid surgery

236

WS Expert: [Sina GRAPE](#) (Switzerland)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 62
Blocks for awake shoulder surgery

237

WS Expert: [Balavenkat SUBRAMANIAN](#) (India)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 63
Most important blocks for hip surgery

224

WS Expert: [Philip PENG](#) (Canada)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 64
PNBs for postoperative analgesia following CS

225

WS Expert: [Patrick NARCHI](#) (France)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 65
Brachial Plexus Blockade above the clavicle

226

WS Expert: [Packianathaswamy BALAJI](#) (United Kingdom)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 66
WALLANT Blocks

227

WS Expert: [Frederic LE SACHE](#) (France)



"Friday 08 September"

14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 68
Mastering Interscalene nerve block

222

WS Expert: [Louise MORAN](#) (Ireland)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 69
Upper Limb Surgery: Distal Blocks

223a

WS Expert: [Norihiro SAKAI](#) (Japan)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 70
PVB: Tips and Tricks

231

WS Expert: [Livija SAKIC](#) (Croatia)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 71
US Guided Sciatic Nerve Block

232

WS Expert: [Jose Alejandro AGUIRRE](#) (Switzerland)



14:00 - 15:00

"MINI" HANDS - ON CLINICAL WORKSHOP 72
PNBs for Pain Free THA

233a

- PNBs for Pain Free Hip Fracture Surgery & THA. [Matthew OLDMAN](#) (United Kingdom)



14:00 - 15:00

AGA SESSION

360° AGORA
HALL B

14:35

14:35 - 15:05

REFRESHING YOUR KNOWLEDGE
Chronic Post Surgical Pain: How to break the cycle

251

Chairperson: [Stavros MEMTSOUDIS](#) (USA)

- Chronic Post Surgical Pain: How to break the cycle. [Patricia LAVAND'HOMME](#) (Belgium)
- Discussion.

14:35 - 15:05

REFRESHING YOUR KNOWLEDGE
Resistance to LAS

243

Chairperson: [Efrossini \(Gina\) VOTTA-VELIS](#) (USA)

- Resistance to LAS. [Morne WOLMARANS](#) (United Kingdom)
- Discussion.

14:35 - 15:05

REFRESHING YOUR KNOWLEDGE
Blocks, Limb Tourniquets and Muscle Strength

253

Chairperson: [Dario BUGADA](#) (Italy)

- Blocks, Limb Tourniquets and Muscle Strength. [Daniela BRAVO](#) (Chile)
- Discussion.

"Friday 08 September"

15:00

AFTERNOON COFFEE BREAK AT EXHIBITION / ePOSTER VIEWING

15:01

15:01 - 18:00

OFF SITE - HANDS - ON CADAVER WORKSHOP 9 - RA UPPER & LOWER LIMB BLOCKS, TRUNK BLOCKS

WS Leader: Peter MERJAVY (United Kingdom)

Anatomy Consultant on site: Thierry BEGUE (France)

Unique and exclusive for RA & Pain Cadaveric Workshops: Only whole-body cadavers will be available for the workshops. This is a fantastic opportunity to master your needling skills, perform the actual blocks on fresh cadavers and to improve your ergonomics under direct supervision of world experts in regional anaesthesia and chronic pain management.

There won't be an organized transportation for going/back from the Cadaver workshop.

Public transportation is highly recommended:

Workshop Address:

Ecole de Chirurgie

8/10 Rue de Fossés Saint Marcel 75005 Paris

How to get to the Workshop?

By Metro from Le Palais des Congrès de Paris

Anatomy
Institute

35min

Station Neuilly - Porte Maillot line M1 (direction of Château de Vincennes)

Change at Palais Royal - Musée du Louvre into line M7 (direction of Villejuif-Louis Aragon) get off at Censier- Daubenton→5min walking

- Workstation 1. Upper Limb Blocks. **Bridget PULOS** (USA)
ISB, SCB, AxB, cervical plexus (Supine Position)
- Workstation 2. Upper Limb and chest Blocks. **Luc SERMEUS** (Belgium)
ICB, IPPB/PSPB (PECS), SAPB (Supine Position)
- Workstation 3. Thoracic trunk blocks. **Andrea SAPORITO** (Switzerland)
tPVB, ESP, ITP (Prone Position)
- Workstation 4. Abdominal trunk Blocks. **Thomas WIESMANN** (Germany)
TAP, RSB, IH/II (Supine Position)
- Workstation 5. Lower limb blocks. **Axel SAUTER** (Norway)
SiFiB, PENG, FEMB, FTB, Adductor Canal B, Obturator (Supine Position)
- Workstation 6. Lower limb blocks. **Dan Sebastian DIRZU** (Romania)
QLBs, proximal and distal sciatic B, iPACK (Lateral Position)

15:30

15:30 - 17:20

PROSPECT SESSION

New PROSPECT recommendations

Chairperson: Marc VAN DE VELDE (Belgium)

- PROSPECT methodology. **Marc VAN DE VELDE** (Belgium)
- PROSPECT recommendations for surgery above the diaphragm: Sternotomy, Thoracoscopic surgery and open thoracotomy. **Hélène BELOEIL** (France)
- PROSPECT guidelines for THA and TKA. **Johan RAEDER** (Norway)
- PROSPECT guidelines for appendectomy and tonsillectomy. **To Be CONFIRMED**
- PROSPECT recommendations for surgery below the diaphragm: Cesarean section, open and laparoscopic colorectal surgery. **Girish JOSHI** (USA)
- Discussion.

AMPHITHEATRE
BLEU

15:30 - 16:45

"Friday 08 September"

NETWORKING SESSION - ARTIFICIAL INTELLIGENCE

Chairpersons: [James BOWNESS](#) (United Kingdom), [Eleni MOKA](#) (Greece)

- Introduction. [James BOWNESS](#) (United Kingdom)
- What is AI? [Mathias GOYEN](#) (Germany)
- Data & Opportunities for AI in Anaesthesia. [Lyndsey BURTON](#) (USA)
- Pro-Con Debate: AI will soon be part of routine UGRA practice - For the PRO.
[David BURKETT-ST LAURENT](#) (United Kingdom)
- Pro-Con Debate: AI will soon be part of routine UGRA practice - For the CON. [Jeff GADSDEN](#) (USA)
- Pro-Con Debate: Rebuttals.
- Discussion.

SALLE
MAILLOT

15:30 - 16:20

LIVE DEMONSTRATION - RA -16 Real Time US Guidance for Epidural

252 A&B

Demonstrators: [Manoj KARMAKAR](#) (Hong Kong), [Ovidiu PALEA](#) (Romania)

15:30 - 16:20

ASK THE EXPERT The Green Footprint of RA

242 A&B

Chairperson: [Kamen VLASSAKOV](#) (USA)

- The Green Footprint of RA. [Andre VAN ZUNDERT](#) (Australia)
- Discussion.

15:30 - 16:05

REFRESHING YOUR KNOWLEDGE IMPACT OF FAKE DATA ON THE PRACTICE OF RA.

241

Chairperson: [Enrico BARBARA](#) (Italy)

- Impact of Fake Data on the Practice of RA. [Kariem EL BOGHADLY](#) (United Kingdom)
- Discussion.

15:30 - 16:00

REFRESHING YOUR KNOWLEDGE Same Day Elective Hip and Knee Arthroplasty: GA or Spinal?

251

Chairperson: [Xavier CAPDEVILA](#) (France)

- Same Day Elective Hip and Knee Arthroplasty: GA or Spinal? [Stephen HASKINS](#) (USA)
- Discussion.

15:30 - 16:00

REFRESHING YOUR KNOWLEDGE Neuromodulation MDT: Questions you ask before implantation

243

Chairperson: [Salim HAYEK](#) (USA)

- Neuromodulation MDT: Questions you ask before implantation. [Jan VAN ZUNDERT](#) (Belgium)
- Discussion.

15:30 - 16:25

POSTOPERATIVE PAIN MANAGEMENT Free Papers 7

Chairperson: [Livija SAKIC](#) (Croatia)

"Friday 08 September"

- OP053 Continuous Peripheral Nerve Blocks in Patients with Proximal Femur Fracture: A Prospective, Randomized Comparison of Three Techniques. [Nidhi BHATIA](#) (Chandigarh, India), [Kajal JAIN](#), [Jeetinder MAKKAR](#), [Vikas SAINI](#), [Uttam Chand SAINI](#)
- OP054 Combined trans-muscular QLB and sacral ESB versus intrathecal morphine for peri-operative analgesia in patients undergoing open gynaecological oncological surgery: An open label prospective randomized non-inferiority trial. [Debesh BHOI](#) (NEW DELHI, India), [Raga Brindha BALAJI](#), [Anjolie CHHABRA](#), [Ravindra Kumar PANDEY](#), [Jyotsna PUNJ](#), [Bikash Ranjan RAY](#)
- OP055 Transcranial Direct Current Stimulation for Postoperative Pain Management in Orthopedic Surgery - A Systematic Review and Meta-Analysis. [Maria Luísa ASSIS](#), [Marcela TATSCH TERRES](#), [Eduardo CIRNE TOLEDO](#), [Catarina RODRIGUES E SILVA](#) (Lisbon, Portugal), [Sara AMARAL](#)
- OP056 A Systematic Review on the use of Local Infiltration of Liposomal Bupivacaine in Breast Surgery. [Ramon MENDONÇA VILELA](#), [Andrei DIAS](#) (Porto Alegre/RS, Brazil), [Gabriela RANGEL BRANDÃO](#), [André PRATO SCHMIDT](#), [Lucas KREUTZ-RODRIGUES](#), [Sara AMARAL](#)
- OP057 Effectiveness of Dexamethasone in Reducing Rebound Pain after Brachial Plexus Block: a Systematic Review and Meta-Analysis. [Andrei DIAS](#) (Porto Alegre/RS, Brazil), [Ramon MENDONÇA VILELA](#), [Sara AMARAL](#)
- OP058 CRYOANALGESIA DECREASED PREOPERATIVE PAIN SCORES BEFORE TOTAL KNEE ARTHROPLASTY WITH NO DIFFERENCE IN POSTOPERATIVE OPIOID CONSUMPTION. [Michael BURNS](#), [Alexandra SCHMITZ](#) (St. Louis, USA), [Alexandra DODGE](#)
- OP059 Anesthetic technique and postoperative pulmonary complications (PPC) after VATS lobectomy. [Priyanka SINGLA](#) (Charlottesville, USA), [Brian BRENNER](#), [Siny TSANG](#), [Nabil ELKASSABANY](#), [Linda MARTIN](#), [Christopher SCOTT](#), [Philip CARROTT](#), [Michael MAZZEFFI](#)

253

15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 3 - PAEDIATRIC Most Useful Blocks in Paediatric Patients

WS Leader: [Claude ECOFFEY](#) (France)

- Workstation 1: Upper Limb Surgery. [Eleana GARINI](#) (Greece)
- Workstation 2: Lower Limb Surgery. [Per-Arne LONNQVIST](#) (Sweden)
- Workstation 3: Truncal Blocks. [Fatma SARICA OGLU](#) (Turkey)
- Workstation 4: Block Failure - Rescue Blocks. [Julio LAPALMA](#) (Argentina)

201

15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 10 - CHRONIC PAIN Musculoskeletal Ultrasound Use for Pain Medicine - Joint Injections

WS Leader: [Romualdo DEL BUONO](#) (Italy)

- Workstation 1: Major Joints of Upper Extremity - Shoulder. [Ismael ATCHIA](#) (United Kingdom)
- Workstation 2: Major Joints of Upper Extremity - Elbow & Wrist. [Michal BUT](#) (Poland)
- Workstation 3: Major Joints of Lower Extremity - Hip. [Gustavo FABREGAT](#) (Spain)
- Workstation 4: Major Joints of Lower Extremity - Knee. [David LORENZANA](#) (Switzerland)

234

15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 4 - PAEDIATRIC POCUS in the Paediatric Population

WS Leader: [Melody HERMAN](#) (USA)

- Workstation 1: Airway Ultrasound in Children. [Wolf ARMBRUSTER](#) (Germany)
- Workstation 2: Lung Ultrasound in Children. [Lars KNUDSEN](#) (Denmark)
- Workstation 3: Gastric Ultrasound in Children. [Luc TIELENS](#) (The Netherlands)
- Workstation 4: Paediatric Vascular Access. [Christian BERGEK](#) (Sweden)

224

15:30 - 17:30

HANDS - ON CLINICAL WORKSHOP 20 - RA Necessary Blocks to Know: Thoracic and Abdominal Wall

WS Leader: [Ruenreong LEELANUKROM](#) (Thailand)

"Friday 08 September"

221

- Workstation 1: Breast Surgery. [Teresa PARRAS](#) (Spain)
- Workstation 2: Thoracic Surgery. [Ruediger EICHHOLZ](#) (Germany)
- Workstation 3: Abdominal Surgery. [Laurent DELAUNAY](#) (France)
- Workstation 4: QLB. [Paul KESSLER](#) (Germany)



15:30 - 17:00

360° AGORA - INTERACTIVE CLINICAL WORKSHOP-UKRAINIAN SECTION **Regional Anaesthesia in the Front Line - War Casualties**

Chairperson: [Dmytro DMYTRIIEV](#) (Ukraine)

- RA in patient with gunshot and blunt trauma. [Iurii KUCHYN](#) (Ukraine)
- How to manage pain in difficult war trauma patients. [Kateryna BIELKA](#) (Ukraine)
- Feofaniya hospital pain protocol for patients with combat-related injuries. [Andrii STROKAN](#) (Ukraine)
- Topical use of local anesthetics in wounded with combat trauma as simultaneous pain and infection management: Is it easy? [Oleksandr NAZARCHUCK](#) (Ukraine)
- Regional Anaesthesia in the Front Line. [Igor DEINEKA](#) (Ukraine), [Demianiuk MYKOLA](#) (Ukraine)
- Online presentation**
- RA and treatment neuropathic pain in casualty patients. [Volodymyr MARTSINIV](#) (Ukraine)
- Stellate ganglion block in the treatment of combat-related post-traumatic stress disorder. [Maksym BARSA](#) (Ukraine)
- Which Regional blocks are better during war - Adult and children: case discussion. [Dmytro DMYTRIIEV](#) (Ukraine), [Ya SEMKOVYCH](#) (Ukraine)
- Take home messages - Conclusion.

360° AGORA
HALL B

16:10

16:10 - 16:45

PROBLEM BASED LEARNING DISCUSSION **Ultrasound for Emergency Airway Access and ETI**

Chairperson: [Sari CASAER](#) (Belgium)

- Ultrasound for Emergency Airway Access and ETI. [Geert-Jan VAN GEFFEN](#) (The Netherlands)
- Discussion.

241

16:10 - 17:00

PRO-CON DEBATE **TAP Block versus wound infiltration for abdominal surgery**

Chairperson: [Alexandros MAKRIS](#) (Greece)

- TAP. [Sina GRAPE](#) (Switzerland)
- INFILTRATION. [Juan Carlos DE LA CUADRA FONTAINE](#) (Chile)
- Rebuttal.
- Discussion.

251

16:10 - 16:40

REFRESHING YOUR KNOWLEDGE **Role of predictive testing in pain interventions**

Chairperson: [Ioanna SIAFAKA](#) (Greece)

- Role of predictive testing in pain interventions. [Salim HAYEK](#) (USA)
- Discussion.

243

16:30

16:30 - 17:20

LIVE DEMONSTRATION - RA -17 **US Guided Neuraxial Blocks in Patients with Spinal Deformities**

252 A&B

"Friday 08 September"

Demonstrators: Philippe GAUTIER (Belgium), Ivan KOSTADINOV (Slovenia)

16:30 - 17:20

PRO CON DEBATE

Do we always need an anaesthesiologist in OR for minor surgery under PNB?

Chairperson: Patrick NARCHI (France)

242 A&B

- For the Pro. Louise MORAN (Ireland)
- For the Con. Bo GOTTSCHAU (Denmark)
- Rebuttal.
- Discussion.

16:30 - 17:25

MISCELLANEOUS

Free Papers 8

Chairperson: Sandeep DIWAN (India)

- OP060 Gastric ultrasound performed by inexperienced examiners (medical students) is highly sensitive but not specific for the detection of gastric content. [Sarah BAUMANN](#) (Basel, Switzerland), [Eckhard MAUERMANN](#), [Firmin KAMBER](#), [Thierry GIRARD](#), [Reza KAVIANI](#)
- OP063 Anatomic Evaluation to Compare the Dye Spread with Ultrasound-Guided Pericapsular Nerve Group (PENG) Injection with Or Without an Additional Suprainguinal Fascia Iliaca (SIFI) Injection in Soft Embalmed Cadavers. [Sandeep DIWAN](#), [Anju GUPTA](#) (New Delhi, India), [Shivprakash SHIVAMALLAPPA](#), [Rasika TIMANE](#), [Pallavi PAI](#)
- OP064 The role of gastric ultrasound in anesthesia for emergency surgery: A review and clinical guidance. [Vincent GODSCHALX](#) (Leuven, Belgium), [Marc VANHOOF](#), [Filiep SOETENS](#), [Peter VAN DE PUTTE](#), [Marc VAN DE VELDE](#), [Jirka COPS](#), [Admir HADZIC](#), [Imré VAN HERREWEGHE](#)
- OP065 Assessing Hypotension Risk through Point-of-care ultrasound (PoCUS): Evaluating Inferior Cava and Iliac Vein Collapsibility before Spinal Anesthesia in elderly patients with surgical hip fractures. [Miriana GUARRIELLO](#), [Francesco Antonio IDONE](#), [Alessandro MARIANI](#) (Rome, Italy), [Stefano FERRARI](#), [Iole NICOLI](#), [Silvia PARISELLA](#), [Anna Maria PALLICCIA](#), [Consalvo MATTIA](#)

253

16:45

16:45 - 17:30

INDUSTRIAL SYMPOSIUM - INTELLIGENT ULTRASOUND AI in RA - Putting it into Practice

SALLE
MAILLOT

- Will AI Unblock RA?
Nicolas Sleep (Chief Operating Officer, Intelligent Ultrasound, UK)
- Clinical Case Study - AI in RA Practice. [Steve COPPENS](#) (Belgium)
- Discussion.

16:50

16:50 - 17:25

PROBLEM BASED LEARNING DISCUSSION

Intrathecal Opioids in major abdominal surgery

Chairperson: Eric ALBRECHT (Switzerland)

241

- Intrathecal Opioids in major abdominal surgery. [Narinder RAWAL](#) (Sweden)
- Discussion.

16:50 - 17:20

REFRESHING YOUR KNOWLEDGE

Radiofrequency Ablation: Different Techniques, but Similar Outcome?

Chairperson: Jan VAN ZUNDERT (Belgium)

243

- Radiofrequency Ablation: Different Techniques, but Similar Outcome? [Kenneth CANDIDO](#) (USA)
- Discussion.

"Friday 08 September"

17:10

17:10 - 18:00

ASK THE EXPERT

Thoracic Epidurals will be back?

Chairperson: Edward MARIANO (USA)

251

- Will thoracic epidurals come back? Dan BENHAMOU (France)
- Discussion.

17:30

17:30 - 18:00

REFRESHING YOUR KNOWLEDGE

Virtual Reality in RA: A promising tool for the future?

Chairperson: Rajnish GUPTA (USA)

SALLE
MAILLOT

- Virtual Reality in RA: A promising tool for the future? Mariana CORREIA (Portugal)
- Discussion.

17:30 - 18:00

REFRESHING YOUR KNOWLEDGE

ERAS: Are anaesthesiologists ready for the paradigm shift?

Chairperson: Nabil ELKASSABANY (USA)

242 A&B

- ERAS: Are anaesthesiologists ready for the paradigm shift? Anju GUPTA (India)
- Discussion.

17:30 - 18:00

REFRESHING YOUR KNOWLEDGE

Combined US and Needlescopy: A new standard for RA and Pain?

Chairperson: Pasquale DE NEGRI (Italy)

243

- Combined US and Needlescopy: A new standard for RA and Pain? Robert VAN SEVENTER (The Netherlands)
- Discussion.

Saturday 09 September

08:00

08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 11 - CHRONIC PAIN US Use in Spinal Pain

WS Leader: Ana SCHWARTZMANN (Uruguay)

- Workstation 1: Cervical Radicular Pain: Selective Nerve Root (Extraforaminal) Injection. Raja REDDY (United Kingdom)
- Workstation 2: Cervical Facet Pain: Cervical Medial Branch and Facet Joint Injections. Esperanza ORTIGOSA (Spain)
- Workstation 3: Cervicogenic Headache: Third Occipital Nerve Injection (TON), Greater Occipital Nerve (GON). David LORENZANA (Switzerland)
- Workstation 4: Mechanica Low Back Pain: Lumbar Medial Branch / Facet Joint Injections / Lumbar Paraspinal Injection ES / QLB (thoracolumbar Fascia). Urs EICHENBERGER (Switzerland)

201

08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 12 - CHRONIC PAIN

UG Guided Treatment of Abdominal, Pelvis and Lower Limb Chronic Pain Conditions



"Saturday 09 September"

WS Leader: Andrzej DASZKIEWICZ (Poland)

- Workstation 1: Pudendal Neuropathy - Pudendal Nerve Block. [Vaishali WANKHEDE](#) (Switzerland)
- Workstation 2: Cancer Pain - Coeliac Plexus & Superior Hypogastric Plexus. [Michal BUT](#) (Poland)
- Workstation 3: Gluteal Pain Syndrome (GPS) - Caudal Epidural Injection, Sacroiliac Joint Injection, Piriformis Muscle, Hamstring Tendonitis. [Ammar SALT](#) (United Arab Emirates)
- Workstation 4: Ankle and Foot - Plantar Fascitis, Morton Neuroma, Baxter's Nerve Periarticular Injections. [Bernhard MORIGGL](#) (Austria)

234



08:00 - 10:00

HANDS - ON CLINICAL WORKSHOP 6 - POCUS **POCUS: Basic Knowledge for Daily Clinical Practice**

WS Leader: [Andrea SAPORITO](#) (Switzerland)

- Workstation 1: Introduction to Airway and Lung Ultrasound. [Stephen HASKINS](#) (USA)
- Workstation 2: Introduction to Gastric Ultrasound. [Peter VAN DE PUTTE](#) (Belgium)
- Workstation 3: Introduction to FAST. [Jan BOUBLIK](#) (USA)
- Workstation 4: Introduction to DVT Exam. [Alexandros MAKRI](#) (Greece)

224



08:00 - 10:00

HANDS ON CLINICAL WORKSHOP 21 - RA **Upper Extremity Blocks Workshop**

WS Leader: [Markus STEVENS](#) (The Netherlands)

- Workstation 1: Interscalene & Supraclavicular Blocks. [Can AKSU](#) (Turkey)
- Workstation 2: Infraclavicular Block. [Emine Aysu SALVIZ](#) (USA)
- Workstation 3: Axillary Nerve Block. [Kamen VLASSAKOV](#) (USA)
- Workstation 4: Distal Blocks. [Olivier RONTES](#) (France)

221



08:00 - 10:00

HANDS ON CLINICAL WORKSHOP 22 - RA **Lower Extremity Blocks Workshop**

WS Leader: [Sebastien BLOC](#) (France)

- Workstation 1: Fascia Iliaca, Femoral Nerve and Susartorial Nerves Blocks. [Matthias DESMET](#) (Belgium)
- Workstation 2: Femoral Triangle and Adductor Canal Block. [Bo GOTTSCHAU](#) (Denmark)
- Workstation 3: Subgluteal and Popliteal Nerve Blocks. [Lloyd TURBITT](#) (United Kingdom)
- Workstation 4: Distal Blocks at ankle and foot. [Karthik SRINIVASAN](#) (Ireland)

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10:00

MORNING COFFEE BREAK IN THE WORKSHOPS AREA

10:30

10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 13 - CHRONIC PAIN **Musculoskeletal Ultrasound Use for Pain Medicine - Joint Injections**

WS Leader: [Romualdo DEL BUONO](#) (Italy)

- Workstation 1: Major Joints of Upper Extremity - Shoulder. [Manfred GREHER](#) (Austria)
- Workstation 2: Major Joints of Upper Extremity - Elbow & Wrist. [Michal BUT](#) (Poland)
- Workstation 3: Major Joints of Lower Extremity - Hip. [Dan Sebastian DIRZU](#) (Romania)
- Workstation 4: Major Joints of Lower Extremity - Knee. [David LORENZANA](#) (Switzerland)

201



10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 14 - CHRONIC PAIN **Treating Chronic Pain Conditions with Ultrasound Use**

"Saturday 09 September"

WS Leader: Ammar SALT (United Arab Emirates)

- Workstation 1: Complex Regional Pain Syndrome (CRPS) of the Upper Limb / Stellate Ganglion (Cervical Sympathetic) Block. [Carlos Eduardo RESTREPO GARCES](#) (Colombia)
- Workstation 2: Chest Pain / Costochondritis / Post Thoracotomy Pain: Intercostal Nerves, Paravertebral and Pectoralis Nerves Blocks. [Ovidiu PALEA](#) (Romania)
- Workstation 3: Neuropathy after Surgery / Ilioinguinal, Iliohypogastric, Abdominal Cutaneous Nerve Entrapment Syndrome (ACNES). [Humberto Costa REBELO](#) (Portugal)
- Workstation 4: Cancer Pain / Coeliac Plexus and Superior Hypogastric Plexus. [Sushma BHATNAGAR](#) (India)

234



10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 23 - RA **Neuraxial Techniques and Truncal Blocks**

WS Leader: Philippe GAUTIER (Belgium)

- Workstation 1: Neuraxial Techniques. [Can AKSU](#) (Turkey)
- Workstation 2: Paravertebral and Erector Spinae Blocks. [Luc SERMEUS](#) (Belgium)
- Workstation 3: Pectoral Nerves and Serratus Plane Blocks. [Julien RAFT](#) (France)
- Workstation 4: TAP Blocks and QLBS. [Lucas ROVIRA SORIANO](#) (Spain)

224



10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 24 - RA **Basic Blocks: Upper Limb and Thorax and Trunk**

WS Leader: Peter POREDOS (Slovenia)

- Workstation 1: Shoulder Surgery. [Ruediger EICHHOLZ](#) (Germany)
- Workstation 2: Breast & Thoracic Surgery / Trauma. [Alexandros MAKRIS](#) (Greece)
- Workstation 3: Elbow and Hand Surgery. [Danny HOOGMA](#) (Belgium)
- Workstation 4: Abdominal Surgery. [John MCDONNELL](#) (Ireland)

221



10:30 - 12:30

HANDS - ON CLINICAL WORKSHOP 25 - RA **Basic Blocks: Spine & Lower Limb**

WS Leader: Ashwani GUPTA (United Kingdom)

- Workstation 1: Spine. [Esperanza ORTIGOSA](#) (Spain)
- Workstation 2: Hip. [Sari CASAER](#) (Belgium)
- Workstation 3: Knee. [Vishal UPPAL](#) (Canada)
- Workstation 4: Foot and Ankle. [Aleksejs MISCUKS](#) (Latvia)

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00:00

00:00 - 00:00

POSTER DISPLAYED **Central Nerve Blocks**

- A poll on safety of spinal anesthesia in patients with aortic stenosis. [Angela Lucia BALOCCO](#) (Genk, Belgium), [Sam VAN BOXSTAELE](#), [Vincent VANDEBERGH](#), [Catherine VANDEPITTE](#), [Jirka COPS](#), [Darren JACOBS](#), [Jill VANHAEREN](#), [Imré VAN HERREWEGHE](#)
- A prospective observational study on the effectiveness of segmental spinal anaesthesia in patients posted for modified radical mastectomies. [Richa CHANDRA](#) (Bareilly, India)
- A RARE CASE OF PNEUMORRACHIS AFTER PLACEMENT OF AN EPIDURAL ELASTOMERIC DRUG INFUSION BALLOON (DIB). [Paulo CORREIA](#), [Nelson GOMES](#) (Feira, Portugal), [Caroline DAHLEM](#)
- An atypical combination: Sedation with dexmedetomidine and continuous spinal anesthesia for hip fracture arthroplasty in a patient with severe delirium. [Rita DINIS](#), [Bárbara SOUSA](#) (Lisboa, Portugal), [Ricardo CARVALHO](#), [Andreia PUGA](#)

"Saturday 09 September"

- An unusual complication of Tsui Test: A Case Report. [Sanjib ADHIKARY](#) (Hershey, Pennsylvania, USA), [Marc ROYO](#), [Marina TUMINO](#)
- Arising from the bottom - a rare complication of a thoracic epidural catheter. [Ana MENDES DUARTE](#), [Nuno LEIRIA](#) (Lisbon, Portugal), [Rafael PIRES](#), [Mariana CORTEZ](#)
- Assessing and improving knowledge of epidural infusions amongst non-anaesthetic trainees in critical care. [Gillian CROWE](#) (Dublin, Ireland), [Ian CONRICK-MARTIN](#)
- Bamboo spine and neuraxial blockade – an anesthetic challenge in severe Ankylosing Spondylitis. [Ana Rita FONSECA](#), [Cidália MARQUES](#) (Guimarães, Portugal), [Alexandra BORGES](#), [Joana DIAS](#), [Susana SANTOS RODRIGUES](#), [Marta PEREIRA](#)
- Cardiovascular toxicity: comparison between Ropivacaine and Bupivacaine in spinal anesthesia. [Abdelfateh MOUSSAOUI](#), [Samir BOUDJAHFA](#) (ORAN, Algeria), [Soumia BENBERNOU](#), [Adnane ABDELOUAHEB](#), [Nabil AOUFFEN](#), [Mohammed Amine NEGADI](#)
- CASE REPORT: HERNIA AND BEYOND. [Sanghamitra GHOSH](#) (Pune, India, India)
- Case report: transient neurological symptoms. [Ana Rita FONSECA](#), [Cidália MARQUES](#) (Guimarães, Portugal), [João BALÃO](#), [Joana DIAS](#), [Alexandra BORGES](#), [Susana SANTOS RODRIGUES](#), [Mariana SILVA](#)
- Caudal Analgesia For Radical Robotic Prostatectomy. [Tarun SINGH](#) (STEVENAGE, United Kingdom), [S GOWRIE-MOHAN](#), [Nikhil VASDEV](#), [Venkat PRASAD](#), [James ADSHEAD](#)
- Choice of anesthesia for hip fracture surgery: A poll of anesthesia practitioners. [Sam VAN BOXSTAELE](#) (Bekkevoort, Belgium), [Frédéric POLUS](#), [Jill VANHAEREN](#), [Ana LOPEZ](#), [Jonas BRUGGEN](#), [Robbert BUCK](#), [Catherine VANDEPITTE](#), [Angela Lucia BALOCCO](#)
- Comparing flow resistance between the NRFit and Luer connectors for different spinal needles. [Karin BELCH](#) (Glasgow, United Kingdom), [Tammam AL-ANI](#)
- Comparison of clinical efficacy and tolerability of epidural 0.5%levobupivacaine with 0.75%ropivacaine in patients undergoing elective lower abdominal surgery. [Ashok Kumar BALASUBRAMANIAN](#) (Chennai, India)
- Continuous spinal anaesthesia – A valid option for a complex and frail patient. [Rita GRAÇA](#), [Catarina PETIZ](#) (Lisboa, Portugal), [Alexandra RESENDE](#)
- Continuous Spinal Anesthesia in High-Risk Patient: A Case Report. [António LADEIRA](#), [Catarina PETIZ](#) (Lisboa, Portugal), [Patrícia CONDE](#)
- CONTINUOUS SUBARACHNOID BLOCK IN A CASE OF HYPERTROPHIC CARDIOMYOPATHY - CASE REPORT. [Rita Luis SILVA](#), [Leonardo MONTEIRO](#) (Penafiel, Portugal), [Maria João TEIXEIRA](#)
- Failed spinal component during needle-through-needle combined spinal-epidural anaesthesia: total hip and knee arthroplasty done under epidural anaesthesia. [Hui Jing Christine ONG](#) (Singapore, Singapore)
- Hypoxemia after prilocaine administration – a methemoglobinemia case report. [Rodrigo FERREIRA](#), [Maria Margarida TELO](#) (Lisbon, Portugal), [Maria Beatriz MAIO](#), [Miguel GUSMÃO](#)
- Introducing an ambulatory spinal service for orthopaedic surgery at a district general hospital. [Natalie SHIELDS](#) (London, United Kingdom)
- Laparoscopic Total Extraperitoneal Inguinal Hernia Repair Under Spinal Anesthesia: Case Report. [Elif Aybike AYYILDIZ](#) (Istanbul, Turkey), [Gözde KÜÇÜKSARACI](#), [Elif AŞKIN](#), [Ayça Sultan ŞAHİN](#)
- NEURAXIAL ANAESTHESIA IN A PATIENT WITH COFFIN-SIRIS SYNDROME - A CASE REPORT. [Filipa FARIAS](#), [Alexandrina JARDIM SILVA](#) (Lisboa, Portugal), [João PINHO](#), [Ivanete PEIXER](#), [Jorge PAULOS](#), [Teresa CENICANTE](#)
- Once in a blue moon: Posterior reversible encephalopathy syndrome after an hysterectomy under general anesthesia and epidural analgesia - case report. [Diogo NUNES CORREIA](#), [David SILVA MEIRELES](#) (Lisbon, Portugal), [Cristina SALTA](#), [Teresa ROCHA](#)
- Post-spinal anesthesia shivering (PSAS) in elderly - comparison of the effectiveness of the prophylactic administration of clonidine and propofol alone or in combination. [Iulia CINDEA](#), [Viorel GHERGHINA](#) (Constanta, Romania), [Alina BALCAN](#)
- Real time ultrasound guided subarachnoid injection in a case of ankylosing spondylitis. [Sarvesh BASAVARAJIAH](#) (Mysore, India)
- Regional anaesthesia for laparoscopic surgery. [Ofelia GRIMAUD](#) (Aix-en-Provence)
- SEGMENTAL THORACIC SPINAL ANAESTHESIA FOR BREAST CANCER SURGERY: A FEASIBILITY STUDY. [Praveen TALAWAR](#) (Rishikesh, India), [Preeti GROVER](#), [Yashwant Singh PAYAL](#), [Deepak SINGLA](#), [Mridul DHAR](#), [Farhanul HUDA](#)
- Segmental thoracic spinal anesthesia as an alternative technique for laparoscopy: A case report. [Kendrick Don REYES](#), [Richard GENUINO](#) (Manila, Philippines), [Mario, Jr. COCOBA](#), [Numeriano Jr SAMAR](#)
- Segmental thoracic spinal anesthesia for laparoscopic cholecystectomy: a case report. [Sherrie Anne BUAN](#), [Numeriano Jr SAMAR](#), [Richard GENUINO](#) (Manila, Philippines)
- Spinal Anaesthesia for hysteroscopy in a patient with Neuromyelitis Optica Spectrum Disorder (Devic´s Disease). [Christoph SIMON](#) (Saarlouis, Germany)
- Spinal anesthesia with ropivacaine for hip- and knee arthroplasty - an observational study of duration and complications. [Line STENHOLT BRUUN](#), [Charlotte RUNGE](#) (Silkeborg, Denmark), [Jens ROLIGHED LARSEN](#), [Johan KLØVGGAARD SØRENSEN](#)
- Spinal epidural hematoma after failed attempt of spinal anaesthesia: a rare case report. [Fani ALEVROGIANNI](#) (Athens, Greece), [Klavdianou OLGA](#), [Tzima CHRISTINA](#), [Evmorfia STAVROPOULOU](#)

"Saturday 09 September"

- The epidural dexmedetomidine reduces the dose of anesthetics during general anesthesia. [Ivan LISNY](#) (Kiev, Ukraine)
- The optimal anesthetic technique for Hysterectomy on a patient with progressive external ophthalmoplegia with myopathy and its impact on the mode of surgery. [Ahmed BADAWEY](#) (Abu Dhabi, United Arab Emirates), [Hany HAGGAG](#), [Amin ABDELMAGIED](#)
- Total Knee Arthroplasty in Down Syndrome. [Aboud ALJABARI](#) (Riyadh, Saudi Arabia)
- Tracheal stenosis and breast surgery - an anaesthetic challenge. [Maria Beatriz MAIO](#), [Maria Margarida TELO](#) (Lisbon, Portugal)
- Ultra-low-dose continuous subarachnoid block in hip surgery: a case report. [Cidália MARQUES](#), [Francisco SOUSA](#) (Lisboa, Portugal), [Ana COUTINHO](#)
- Use of intralipid for the reversal of local anaesthetic blockade following neuraxial anaesthesia - A case series. [Zheng Jie \(Zee\) LIM](#) (Melbourne Australia, Australia), [Ebony SELERS](#), [Shaktivel PALANIVEL](#), [Siju ABRAHAM](#)
- Value of unilateral spinal anaesthesia for HIP fracture surgery in the elderly (75 cases). [Benamar FEDILI](#), [Youssef MESSAOUDENE](#) (Algiers, Algeria), [Saad CHERIGUI](#), [Allaoua BOUCHAL](#), [Yassine HOUMEL](#), [Hassane OUAHES](#)
- Vertical nystagmus after epidural morphine administration - a case report. [Margarida TELO](#), [Rodrigo MARQUES FERREIRA](#) (Lisbon, Portugal), [Maria Beatriz MAIO](#)
- "Chirality in local anaesthetics-Comparison of efficacy and safety of Epidural 0.5% Levobupivacaine 0.5%, Ropivacaine 0.75% and 0.5% Racemic mixture Bupivacaine for lower abdominal surgery". [Ashok Kumar BALASUBRAMANIAN](#) (Chennai, India)
- "Comparison of clinical efficacy and tolerability of Epidural 0.5% Racemic mixture Bupivacaine with 0.75% Ropivacaine in patients undergoing elective lower abdominal surgery". [Ashok Kumar BALASUBRAMANIAN](#) (Chennai, India)

00:00 - 00:00

POSTER DISPLAYED Peripheral Nerve Blocks

- A case report of patients with paroxysmal nocturnal hemoglobinuria receiving humeral neck repair surgery using superior trunk block. [Norihiro SAKAI](#) (Nagoya, Japan)
- A case series review examining the role of the pericapsular nerve group block for hip fractures in a district general hospital. [Vijay PATTNI](#), [John MCNALLY - REILLY](#), [Ihab ABDLAZIZ](#) (London, United Kingdom)
- A NOVEL USE OF POPLITEAL SCIATIC BLOCK FOR PERIPHERAL REVASCULARISATION PROCEDURES. [Maja KOVAC](#) (London, United Kingdom), [Anil KARMALI](#)
- A POPLITEAL SCIATIC BLOCK IN FREE FIBULA FLAP SURGERY. [Nathalie KEGELS](#) (Amsterdam, The Netherlands), [James ANDERSON](#)
- A RARE CASE OF TRANSIENT HOARSENESS FOLLOWING AN ULTRASOUND-GUIDED LEFT SUPRACLAVICULAR NERVE BLOCK - A CASE REPORT. [Joseph BELTRAN](#) (Davao City, Philippines), [Adela Lhuz CAYA-LICOT](#), [Manuel-J SACATANI](#)
- An endless block - a case series about a new single shot approach to brachial plexus block. [Catarina TIAGO](#), [Ana MARQUES](#) (Vila Nova de Gaia, Portugal), [Nuno OLIVEIRA](#), [Joana BARROS SILVA](#), [Ana PANZINA](#), [Ribeiro CAROLINA](#), [Coimbra LUÍSA](#)
- An Unoptimisable Patient: a case report of anaesthetic management for a septic joint. [Georgina SWINDALL](#) (Wolverhampton, United Kingdom), [Mahboob KHAN](#)
- Anaesthetic management of a patient with pure autonomic failure: a case report. [Catarina TIAGO](#), [Ana MARQUES](#) (Vila Nova de Gaia, Portugal), [Carmen PEREIRA](#)
- ANESTHESIA AND POSTOPERATIVE PAIN MANAGEMENT IN HALLUX VALGUS AMBULATORY SURGERY: RETROSPECTIVE OBSERVATIONAL STUDY. [Miguel MARTÍN-ORTEGA](#) (Barcelona, Spain), [Mireia RODRÍGUEZ PRIETO](#), [Marisa MORENO BUENO](#), [Laurie CARMONA SERRANO](#), [Gerard MORENO GIMÉNEZ](#), [Andrea RIVERA VALLEJO](#), [Cristina LÓPEZ LEÓN](#), [Sergi SABATÉ TENAS](#)
- ANESTHETIC INTERSCALENE AND CERVICAL PLEXUS BLOCK FOR A TOTAL SHOULDER REPLACEMENT IN A PATIENT WITH ALLERGY TO ROCURONIUM AND CISATRACURIUM: A CASE REPORT. [Sousa HELENA](#), [Catarina DIAS](#) (Mafamude, Portugal), [Bruno DÁVILA](#), [Luísa SARAIVA](#), [Daniela CHALÓ](#)
- Anterior Hip Capsule Bk. Anatomical Description Clinical Application. [Ana RUIZ](#) (Barcelona, Spain), [Sala Blanch XAVIER](#), [Riera RITA](#), [García Rojas ISABEL](#), [Gracia JOSEP](#), [Serra ALEJANDRA](#)
- Are we all ready to perform & teach the Plan-A blocks? [Madan THIRUGNANAM](#) (DERBY, United Kingdom)
- Association of an anesthetic axillary block with analgesic blocks of the median and radial nerves at the elbow for the treatment of wrist fracture. "e;BAXASSO"e; study. [Cyril QUEMENEUR](#), [Frédéric LE SACHE](#) (PARIS), [Sébastien CAMPION](#), [Sébastien BLOC](#)
- Association of Sciatic Nerve Block and WALANT for Achilles Tendon Repair: a feasibility Study. [Cyril QUEMENEUR](#), [Anaëlle FEDIDA](#) (PARIS), [Frédéric LE SACHE](#), [Sébastien BLOC](#)
- AWAKE CRANIOTOMY WITH SCALP BLOCK IN A HIGH-RISK PATIENT WITH SEVERE COVID-19 PNEUMONIA, CASE REPORT. [Fatma OZKAN SIPAHIOGLU](#), [Ceyda OZHAN CAPARLAR](#) (Turkey, Turkey)
- Awake craniotomy with sleep-awake-awake technique. [Ceyda OZHAN CAPARLAR](#) (Turkey, Turkey), [Fatma OZKAN SIPAHIOGLU](#), [Reyhan İŞLEK](#), [Mehmet KALAN](#), [Rafet OZAY](#)



"Saturday 09 September"

- Axillary block in distal upper limb surgery: a systematic review and meta-analysis. [Kristof NIJS](#) (Hasselt, Belgium), [Simon BUELENS](#), [Marc VAN DE VELDE](#), [Björn STESSEL](#)
- Bilateral erector spinal plane block for exploratory laparotomy in a septic patient – case report. [Beatriz XAVIER](#), [Susana MAIA](#) (Vila Real, Portugal), [Marta G. PEREIRA](#), [Joana BARROS](#), [Cristina SOUSA](#)
- Bilateral high thoracic erector spinae plane block (esp) analgesia for bilateral single staged shoulder arthroplasty - case report. [Nataša ILIĆ](#) (Novi Sad, Serbia), [Vladimir VRSAJKOV](#)
- Bilateral interscalenic block: yet a contraindication? [Giulia MINEO](#) (Palermo, Italy), [Ignazio SABELLA](#), [Giuseppe TRICOLI](#), [Sonia DI NOTO](#), [Damiano SABATINO](#), [Vincenzo MAZZARESE](#)
- Brachial plexus block as an analgesic and therapeutic strategy in Buerger's disease. [Jorge CARTEIRO](#), [André AGUIAR](#) (Faro, Portugal)
- Bridging The Global Education Divide: Developing the GRACE Model Beyond a Single Resource Limited Setting. [Niharika THAKKAR](#) (New York, USA), [Viren SEHGAL](#), [Mark BROUILLETTE](#), [Sanjana KULKARNI](#), [Swetha PAKALA](#)
- Carotid Endarterectomy in a Patient with Severe Aortic Insufficiency – a case report. [Mariana Silva BARROS](#), [Rita Luís SILVA](#) (Porto, Portugal), [Maria João TEIXEIRA](#), [Fernando MOURA](#)
- Case Report: Bilateral brachial plexus blocks for bilateral upper limb trauma. [Masseh YAKUBI](#) (London, United Kingdom), [James WAITING](#), [Organ JO](#)
- Case report: continuous ESP block for Ewing' sarcoma excision of the ribs in a paediatric patient. [Diogo MORAIS](#), [Ana Rita FONSECA](#) (Guimarães, Portugal), [Amélia FERREIRA](#)
- Case report: continuous femoral block for pathological fracture in a paediatric patient. [Filipa MALDONADO](#), [Ana Rita FONSECA](#) (Guimarães, Portugal), [Marta DIAS VAZ](#), [Amélia FERREIRA](#)
- Case report: Ultrasound-Guided Combined Superficial Cervical Plexus Block, clavipectoral fascial plane block and dexmedetomidine perfusion for surgery after clavicular fracture. [Cândida Sofia PACHECO PEREIRA](#) (VISEU, Portugal), [Catarina FERROS](#), [Diogo MIGUEL](#), [Manuel VICO](#)
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- CLAVIPECTORALIS FASCIA BLOCK (CPB) COMBINED WITH SUPERFICIAL CERVICAL PLEXUS BLOCK. 10 CASE SERIES FOR CLAVICLE FRACTURE SURGERY. [Adrian SANTOS](#), [Javier NIETO MUÑOZ](#) (Marbella, Spain), [Maria Paz FERNANDEZ LARA](#), [Inmaculada LUQUE MATEOS](#), [Luis Fernando VALDES VILCHES](#)
- Combined interscalene and supraclavicular block in ipsilateral shoulder arthroplasty and elbow osteosynthesis with the intraoperative change of patient position - a case report. [Mirna VUČEMILO](#), [Tatjana BEKER](#), [Romana HODALIN VIDOVIĆ](#), [Mirela DOBRIĆ](#) (Zagreb, Croatia)
- Combined Interscalene plexus block and general anesthesia in Brugada-Syndrome. [Catarina PETIZ](#), [Marco DINIS](#) (Lisbon, Portugal), [Alexandra RESENDE](#), [Miguel LAIRES](#)
- Combined us-guided erector spinae plane block (ESP) + parasternal block (PSB): new perspectives in opioid-free anesthesia for oncological major breast surgery. [Longo FERDINANDO](#), [Francesca DE CARIS](#) (Rome, Italy), [Alessandro STRUMIA](#), [Monica PALMINTERI](#), [Renato RICCIARDI](#), [Felice Eugenio AGRO](#)
- Comparison of Modified Thoracolumbar Interfascial Plane and Erector Spinae Plane Blocks in Lumbar Disc Herniation Surgery. [Engin İhsan TURAN](#) (Istanbul, Turkey), [Selbiye KECİ KARAGULLE](#), [Semra ISIK](#), [Ayca Sultan SAHIN](#)
- Continuous erector spinae plane block and catheter insertion for rib fracture pain in a peripartum patient: a case report and review of the literature. [Shane KELLY](#) (Dublin, Ireland), [Jesse CONNORS](#), [Ryan HOWLE](#)
- CONTINUOUS ERECTOR SPINAE PLANE BLOCK FOR ANALGESIA IN A THORACOAXILLARY PENETRATING TRAUMA. [Paulo CORREIA](#), [Nelson GOMES](#) (Feira, Portugal), [Sara TORRES](#), [Anabela MARQUES](#)
- Continuous peripheral nerve block: a retrospective audit of primary and secondary failure at a UK teaching hospital. [Sara SALVADOR](#), [Jonathan MAJOR](#) (London, United Kingdom), [Andrzej KROL](#)
- DECREASED LEAKING WITH OVER THE NEEDLE VS THROUGH THE NEEDLE CONTINUOUS POPLITEAL BLOCKS ESPECIALLY IN OBESE POPULATIONS. [Michael BURNS](#) (St. Louis, USA), [Joanna BRADEMEYER](#), [Amanda JANSEN](#)
- Early discharge after lower leg surgery in popliteal and saphenous nerve block in a 95-years old patient with a recent stroke - A case report. [Mirela DOBRIĆ](#) (Zagreb, Croatia), [Agata ŠKUNCA](#), [Goran SABO](#), [Dejan BLAŽEVIĆ](#)
- Effect of intravenous dexamethasone on rebound pain after axillary plexus block in high versus low pain responders. [Nassim TOUIL](#) (Brussels, Belgium), [Athanasia PAVLOPOULOU](#), [Simon DELANDE](#), [Olivier BARBIER](#), [Xavier LIBOUTON](#), [Patricia LAVAND'HOMME](#)
- Erector Spinae catheters in Scoliosis surgery -A case report. [John JOHN CHATHUPARAMBIL](#), [Sarah DUNN](#) (Birmingham, United Kingdom), [Choopong LUANSRITISAKUL](#), [Tobu KOTTOL](#)
- Erector Spinae Plane (ESP) Block for Endoscopic Retroperitoneal Adrenalectomy: A Case Series. [Shao Hong NEOH](#) (Singapore, Singapore), [Wee-Sen CHOO](#)
- ERECTOR SPINAE PLANE BLOCK FOR PAIN RELIEF IN THORACIC TRAUMA - CASE REPORT. [Rita Luís SILVA](#), [Beatriz LAGARTEIRA](#) (Porto, Portugal), [Sonia CAVALETE](#), [Cristiana PEREIRA](#), [Magda BENTO](#)

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- EXPLORATORY LAPAROTOMY WITH BILATERAL ERECTOR SPINAE PLANE BLOCK AND "KETODEX" SEDOANALGESIA. Ana Inês PROENÇA PINTO, [Fernando FERNANDO ALMEIDA E CUNHA](#) (Aveiro, Portugal), Miguel COELHO, José Nuno FIGUEIREDO
- External Oblique Intercostal Block for Nephrectomy: A Case Report. Rita BARBOSA, [Marco DINIS](#) (Lisbon, Portugal), Alexandra RESENDE
- External oblique intercostal nerve block catheters and wound catheters in hepatobiliary surgery patients: evaluating analgesic efficacy. [Caspar BRIAULT](#) (LONDON, United Kingdom), Rita AGARWALA, Hannah MORRISON, Simone MISQUITA, Laura-Anne DYMORE-BROWN, Aidan DEVLIN
- Fascia iliaca block versus lumbar plexus block as analgesia in hip surgeries: A retrospective cohort study. [Noel AYP](#) (Mandaluyong, Philippines), Aileen ROSALES
- Greater Occipital Nerve Block: an opioid sparing alternative. Jorge CARTEIRO, [Beatriz SOARES](#) (Lisboa, Portugal), Idalina RODRIGUES
- High volume supra-inguinal fascia iliaca block for analgesia after acetabular fracture surgery. [Hui Jing Christine ONG](#) (Singapore, Singapore)
- How to get away from the airway in urgent tracheostomy. Mariana FLOR DE LIMA, [Leonardo MONTEIRO](#) (Penafiel, Portugal), Tania DA SILVA CARVALHO, Beatriz LAGARTEIRA, Carla PINHO, Sónia CAVALETE
- Interscalene brachial plexus block in chronic alcoholic patient with hypothyroidism for distal humerus fracture. [Livija SAKIC](#) (Zagreb, Croatia), Dinko GORSKI
- INTRAOPERATIVE AND POSTOPERATIVE EFFECTS OF ADJUVANT DEXMEDETOMIDINE AND TRAMADOL IN SUBCOSTAL TRANSVERSUS ABDOMINIS PLAN BLOCK. Zeki KORKUTATA, [Arzu Esen TEKELI](#) (Van, Turkey)
- Is Popliteal Block Sufficient as an Analgesic Technique for Total Ankle Arthroplasty? [Karlos Gabriel ALBIGER ARIAS](#) (MATARO, Spain), Francisco José ÁÑEZ BARRERA, Fernando COLAS BORRAS, Claudia IZQUIERDO PÉREZ, Verónica VARGAS RAIDI, J.b. SCHUITMAKER REQUENA
- Lateral Quadratus Lumborum Blocks: A Better Alternative to Caudal Epidural Blockade in Paediatric Orchidopexy Surgery? [Heseltine NICHOLAS](#) (Liverpool, United Kingdom), Nadim KOZMAN, Keough JAMIE, Steve ROBERTS
- Major Orthopedic Surgery in a Patient with Valvular Disease and Hypocoagulation: Can Peripheral Nerve Blocks Anesthesia be the Answer for this Challenge? Mariana DIAS, Luisa COIMBRA, [Carolina RIBEIRO](#) (Vila Nova de Gaia, Portugal), Joana SILVA, Filipe RODRIGUES
- Management of ischemic pain in ambulatory with popliteal-sciatic perineural catheter - is it possible? Jorge CARTEIRO, [André AGUIAR](#) (Faro, Portugal), Celia XAVIER
- Nerve block or Doppler signal? Which one comes first? Vasyl KATERENCHUK, [Afonso BORGES DE CASTRO](#) (Mondim de Basto, Portugal), Idalina RODRIGUES
- Neuropathic Long Lateral Thoracic Nerve Pain (NTLL) as a cause of chronic chest wall pain. Case series. [Juan Bernardo SCHUITMAKER REQUENA](#) (Barcelona, Spain), Arturo COHEN SANCHEZ, Lorne Antonio LOPEZ PANTALEON, Laura POZO CAROU, Ana Teresa IMBISCUSO ESQUEDA, Veronica Margarita VARGAS RAIDI
- Novel saline injection technique for the reversal of the continuous costoclavicular block. [Hyein LEE](#) (Daejeon, Korea), Seunguk BANG
- Pain management in ambulatory arthroscopic anterior cruciate ligament reconstruction: a retrospective observational study. [Gerard MORENO GIMÉNEZ](#) (Barcelona, Spain), Mireia RODRÍGUEZ PRIETO, Miguel MARTÍN-ORTEGA, Andrea RIVERA VALLEJO, Sergio NÚÑEZ SACRISTÁN, Raúl HERNÁNDEZ ALÓS, Roc MONTOLIU TORRUELLA, Sergi SABATÉ TENAS
- Pathologic humeral fracture, lung cancer and 58 packyears - what to do? [Patrick SCHULDT](#) (Uppsala, Sweden), Ewa SÖDERBERG
- Patient perceptions and recall of the consent process for regional anaesthesia within our department. [Emma LENNON](#) (Dublin, Ireland), Sheriff EL MAHGOUB, Shanika WIJAYARATNE, Abigail WALSH
- PERICAPSULAR BLOCK FOR ANALGESIA IN SURGERY OF THE LOWER EXTREMITY. Rocío GUTIÉRREZ BUSTILLO, [Silvia DE MIGUEL MANZO](#) (Valladolid, Spain), Carlota GORDAUZA PASTOR, Belén SÁNCHEZ QUIRÓS
- Post-market clinical investigation of safety, performance and anaesthetist satisfaction of the 'Safe injection for Regional Anaesthesia' (safira) device in ultrasound guided peripheral nerve blockade. [Theresa MURRAY](#) (Norwich, United Kingdom), Ben FOX, Alwin CHUAN, Lee SMITH, Ben CRACKNELL, Minh TRAN, Ryan TING
- Prediction of the Nerves Depth during Limbs' Peripheral Nerve Blocks in Children. [Samir BOUDJAHFA](#) (ORAN, Algeria), Mohammed KENDOUSSI
- Prolonged use of Brachial Plexus Catheters in a Patient with Pre-existing Nerve Damage from Degloving Injury of Left Forearm. [Bernardine CABRAL](#) (Jacksonville, USA), John CABRAL, Matthew WARRICK
- Pudendal Nerve Block versus Dorsal Penile Nerve Block for Pediatric Circumcision: a Systematic Review and Meta-analysis. Caio César MAIA LOPES, Heitor MEDEIROS, Ananda ROCHA LIMA, Carlos SILVEIRA, Ana Carolina RASADOR, [Marcelo BANDEIRA DE MELLO](#) (Rio de Janeiro, Brazil), Eric SLAWKA, Sara AMARAL
- Pulmonary function during interscalene block vs. supraclavicular block: A meta-analysis of randomized controlled trials. [Sara MONTEIRO](#) (Lisboa, Portugal), Luana BAPTISTELE DORNELAS, Naína RICARDO
- Quality Of Recovery After Pericapsular Nerve Group (PENG) Block For Primary Total Hip Arthroplasty Under Spinal Anaesthesia. [Arturo RODRÍGUEZ TESTÓN](#) (Valencia, Spain), Nicolás FERRER FORTEZA-REY, Santiago Patterson PABLO, Elvira PEREDA GONZÁLEZ, Carregi Villegas RICARDO, Pérez Marí VIOLETA, José DE ANDRÉS IBÁÑEZ
- Rebound pain in elective trapeziectomy following regional anaesthesia. [Ben BOOTH](#) (Portsmouth, United Kingdom), Phoebe RIVERS



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- Regional anesthesia as an alternative in high anesthetic risk patients, a reported case. [Pablo FERRANDO GIL](#) (Tortosa, Spain), [Aguilar López SERGIO](#), [Clavijo Monroy ARTURO](#), [Ferre Almo SANDRA](#), [Rovira Torres ANNA](#)
- Regional anesthesia techniques versus neuraxial techniques for Lower Limb Peripheral Vascular Surgery at high-risk patients. [Anna MASOODI](#) (Kyiv, Ukraine), [Artem ABRAMENKO](#), [Dmytro DZIUBA](#)
- Regional Anesthesia trends and incidence of LAST in US Academic hospital over 15 years. [Anil MARIAN](#) (Iowa City, USA)
- SAP BLOCK IN BLUNT CHEST TRAUMA: IS THERE A PLACE IN ICU? A CASE SERIES. [Paolo Francesco MARSILIA](#), [Mariateresa ESPOSITO](#) (Napoli, Italy), [Maria ALFIERI](#), [Annarita IODICE](#), [Rossella ESPOSITO](#), [Chiara CAFORA](#), [Maria DE CRISTOFARO](#)
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- SINGLE SHOT PERIPHERAL NERVE BLOCKS WITH LIPOSOMAL BUPIVACAINE FOR FRACTURE NECK OF FEMUR AT PREOPERATIVE SETTING: CASE SERIES OF A QI INITIATIVE- A DGH EXPERIENCE. [Muditha Chathuranganie MAWATHAGE](#) (Frimley, United Kingdom), [Iqbal USMAN](#), [Madan NARAYANAN](#)
- Stretching the Potential of the Lumbar ESP Block: Case Report of an Effective Perioperative Analgesia for a Major Tibia Endoprosthetic Surgery. [Jonathan LIM](#) (Singapore, Singapore), [Irene LIM](#)
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- THORACIC PARAVERTEBRAL BLOCK (TPVB) FOR TREATMENT OF ELEVATED HEMIDIAPHRAGM DUE TO PHRENIC NERVE INJURY AFTER INTERSCALENE BLOCK. [Emmanouil GANITIS](#), [Grigorios BELIVANAKIS](#), [Georgios NTONTOS](#), [Chryssa POURZITAKI](#), [Vasilios VASILOPOULOS](#) (Volos, Greece), [Eleni LOGOTHEI](#)
- Thoracic Paravertebral Block as analgesic method in a patient with multiple rib fractures. [Grigorios BELIVANAKIS](#), [Georgios NTONTOS](#), [Chryssa POURZITAKI](#), [Vasilios VASILOPOULOS](#) (Volos, Greece), [Emmanouil GANITIS](#), [Eleni LOGOTHEI](#)
- toxicity of local anesthesia: survey for anesthesia technicians. [Maha BEN MANSOUR](#), [Ines KOOBAA](#), [Fares BEN SALEM](#), [Nadine MAMA](#), [Imen TRIMECH](#) (Paris), [Sawsen CHAKROUN](#), [Mourad GAHBICHE](#)
- Transverse abdominis plane block as an analgesic alternative to thoracic epidural in vascular surgery. [Javier NIETO MUÑOZ](#) (Marbella, Spain), [Maria Isabel MEDINA TORRES](#), [Anton SALAGRE TOVIO](#), [Luis Fernando VALDES VILCHES](#), [Inmaculada LUQUE MATEOS](#)
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- Tubeless FESS: a minimally invasive anesthesia for a minimally invasive surgery. [Fabio COSTA](#), [Luigi Maria REMORE](#), [Alessandro STRUMIA](#), [Laura PIERANTONI](#), [Alessandro RUGGIERO](#) (Rome, Italy), [Felice Eugenio AGRÒ](#), [Manuele CASALE](#), [Antonio MOFFA](#)
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- ULTRASOUND-GUIDED SUPERIOR LARYNGEAL NERVE BLOCK FOR DIAGNOSIS AND TREATMENT OF NEUROGENIC COUGH IN A PATIENT POST-ESOPHAGECTOMY: A CASE REPORT. [Iris Katarina CONCEPCION](#) (Taguig City, Philippines), [Samantha Claire MARTIN-BRAGANZA](#), [Michael Ronald MADARANG](#), [Ray Carlo ESCOLLAR](#)
- Use of continuous sacral plexus block in a parturient with traumatic pelvic fractures. [Melissa CHIA](#) (Singapore, Singapore), [Jun Ni LIM](#), [John BI TEY](#)
- Use of forearm median and ulnar nerve ambulatory catheters for hand physiotherapy in an outpatient setting - a case study. [Charmaine LEE](#) (Singapore, Singapore), [John TEY BOON LIM](#)
- Use of triple monitoring in regional anaesthesia. [Alexander PHOTIOU](#), [Kapuscinska AGATA](#), [Madan NARAYANAN](#) (Surrey, United Kingdom, United Kingdom)
- WALANT technique for hand surgery: what's the advantage? – case report. [Beatriz XAVIER](#), [Susana MAIA](#) (Vila Real, Portugal), [Miguel SÁ](#), [Joana BARROS](#), [Delilah GONÇALVES](#), [José Carlos SAMPAIO](#), [Catarina SAMPAIO MARTINS](#)
- WEATHERING THE STORM: AMPUTATION IN A PATIENT WITH SEPSIS INDUCED MULTIORGAN DYSFUNCTION UNDER NERVE BLOCKS - A CASE REPORT. [David SILVA MEIRELES](#), [Alexandrina JARDIM SILVA](#) (Lisboa, Portugal), [Filipe PISSARRA](#), [Susana CADILHA](#)
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Obstetric

- Accidental dural puncture in a morbidly obese pregnant woman: what now? – case report. [Susana MAIA](#), [Beatriz XAVIER](#) (Vila Real, Portugal), [Miguel SÁ](#), [Eva ANTUNES](#), [Alexandra CARNEIRO](#), [Susana CAMELO](#), [Catarina SAMPAIO MARTINS](#)
- Acute transverse myelitis during pregnancy – is neuraxial anaesthesia safe and effective for caesarean section? [Maria Beatriz MAIO](#), [Rodrigo FERREIRA](#) (Lisbon, Portugal)
- Anaesthetic management of a parturient with idiopathic pulmonary artery hypertension (IPAH) posted for lower segment caesarean section (LSCS) – A case report. [Raju JADHAV](#) (Whitehaven, UK, United Kingdom)
- Cesarean section in a pregnant women with adhesive arachnoiditis and chronic pain - a case report. [Filipa FARIAS](#), [Ana MENDES DUARTE](#) (Lisboa, Portugal), [Teresa ROCHA](#)
- Combined a single dose of intrathecal morphine and intravenous patient-controlled analgesia for labor analgesia in mid-term delivery: Report of two cases. [Masaki SATO](#) (Tokyo, Japan), [Mayuko ABE](#), [Arisa IJIN](#), [Wataru MATSUNAGA](#), [Choko KUME](#), [Reiko OHARA](#)
- Continuous Spinal for Labor Analgesia in a Super Morbidly Obese Parturient. [Bernardine CABRAL](#) (Jacksonville, USA), [John CABRAL](#), [Peggy JAMES](#)
- **EP139** Anesthetic management of parturients with achondroplasia: a review of the literature. [Catalina DUMITRASCU](#) (Phoenix, USA), [Peace ENEH](#), [Audrey KEIM](#), [Molly KRAUS](#), [Emily SHARPE](#)
- Epidural test dose in obstetrics – is it really a reassuring test? [Maria Beatriz MAIO](#), [Rodrigo FERREIRA](#) (Lisbon, Portugal)
- HIGH SPINAL BLOCK AFTER COMBINED SPINAL-EPIDURAL ANESTHESIA FOR CESAREAN SECTION. [Paulo CORREIA](#), [Nelson GOMES](#) (Feira, Portugal), [Caroline DAHLEM](#), [Marcos PACHECO](#)
- LABOR ANALGESIA IN A PREGNANT WITH SPINA BIFIDA OCCULTA - A CASE REPORT. [Mariana THEDIM DIAS](#), [Alice BRAS](#) (Porto, Portugal), [Gonçalo NOGUEIRA](#), [Marta AFONSO](#)
- Low-dose spinal combined epidural: an Anesthetic technique for parturients in patients with congenital heart disease. [Rizki SUHADAYANTI](#) (Malang, Indonesia, Indonesia), [Ruddi HARTONO](#), [Isngadi ISNGADI](#)
- Melkerson rosenthal syndrome and labour analgesia: a case report. [Acácia SILVA](#), [Luciana LOPES](#) (Lixa, Portugal), [Carlos BARBOSA](#)
- Neuraxial Anaesthesia in a High-risk Parturient with Cerebral Cavemous Angioma Undergoing Caesarean Delivery. [Konstantina KALOPITA](#) (Athens, Greece), [Konstantinos STROUMPOULIS](#), [Georgia MICHA](#), [Ioannis GRYPIOTIS](#), [Electra IORDANIDOU](#), [Agathi KARAKOSTA](#), [Evangelia SAMARA](#), [Petros TZIMAS](#)
- New onset COVID-19 related thrombocytopenia in the immediate postpartum period: a case report. [José Pedro AFONSO](#), [Rita Gonçalves CARDOSO](#) (Guimarães, Portugal), [João XAVIER](#), [Catarina SAMPAIO](#)
- Placenta percreta: A near miss. [Rita MORATO](#), [Marco DINIS](#) (Lisbon, Portugal), [Muriel LERIAS](#), [Filipa LANÇA](#)
- Playing with fire: Rapid sequence spinal anesthesia for an emergent caesarean delivery on patient with a systemic infection - a case report. [Alexandrina SILVA](#), [David SILVA MEIRELES](#) (Lisbon, Portugal), [Cristina CASTELO BRANCO](#), [Cristina SALTA](#), [Teresa ROCHA](#)
- Post-Caesarean Section Analgesia. [Bhavaya VAKIL](#) (London, United Kingdom), [Julia RICHARDS](#), [Lipika MEDHA](#), [Stephanie Wai San CHIN](#)
- Post-Puncture Headache Recurrence (PPHR) after a Blood Patch - A Clinical Case. [Sara FERNANDES](#), [Mariana PASCOAL](#) (Coimbra, Portugal), [Margarida GIL](#), [Piedade GOMES](#), [Ana ALMEIDA](#)
- Potential post-neuraxial neurological injuries in obstetrics. [Rosemarie KEARSLEY](#), [Thomas DREW](#), [Gillian CROWE](#) (Dublin, Ireland)
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- The Art of Delivering a Baby .. When Your Heart Is Not Yours. [Pranav OSURI](#) (Stoke-on-Trent, United Kingdom), [Mina AMIRHOM](#), [Anil KUMAR](#)
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- A step forward to postoperative pain management in outpatient surgery: a pilot study. [Mafalda MARTINS](#), [Inês VAZ](#), [Mariana COROA](#), [Helena BARBOSA](#), [Alice BRÁS](#) (Porto, Portugal), [Leonor AMARO](#)
- Amputation pain quality improvement project. [Richard ROBLEY](#) (Birmingham, United Kingdom), [Jonathan WRIGHT](#)
- An audit of the use of TENS in acute pain management. [Chaitra HOLLA](#), [Vatsala PADMANABHAN](#) (Birmingham, United Kingdom)
- An innovative approach to education on perioperative opioid stewardship. [Dermod MCGUCKIN](#) (London, United Kingdom), [Fausto MORELL DUCOS](#), [Jamie SMART](#), [Brigitta BRANDNER](#)
- Anaesthetic and analgesic management for total scapulectomy: is continuous regional anaesthesia a good choice? [Andrea RIVERA VALLEJO](#) (Barcelona, Spain), [Mireia RODRÍGUEZ PRIETO](#), [Gerard MORENO GIMENEZ](#), [Miguel MARTIN ORTEGA](#), [Anna HOSTALOT SÁNCHEZ](#), [Alex ARJONA NAVARRO](#), [Sergi SABATÉ TENAS](#)
- Analgesia nociception index for pain prediction: can it be used beyond surgery? [Pinto MARIA](#), [Cândida Sofia PEREIRA](#) (VISEU, Portugal), [Filipa CUNHA](#), [Manuel VICO](#), [Miguel SILVA](#), [Daniela PAIS](#), [Raquel SEBASTIÃO](#)
- ANALGESIC EFFICACY OF INTERCOSTAL SERRATUS BLOCK VERSUS LUMBAR QUADRATUS BLOCK IN LAPAROSCOPIC NEPHRECTOMY: A RANDOMISED STUDY. [María Teresa FERNÁNDEZ](#) (Valladolid, Spain), [María GARCIA MATESANZ](#), [Judith ANDRES SAINZ](#), [Alejandra FADRIQUE](#), [Henar MUÑOZ](#), [Maria Pilar CASTILLO](#), [Pablo CASAS](#), [Maria Fe MUÑOZ](#)
- Analgesic efficacy of peripheral nerve block and acetaminophen medication ~A retrospective study of 273 lower extremity surgeries with ultrasound-guided peripheral nerve block in a single center~. [Keisuke NAKAZAWA](#) (Tokyo, Japan), [Eiichi KAWAMOTO](#), [Risa OIKAWA](#), [Mayumi KURODA](#), [Shota MORIWAKI](#), [Takefumi KAMIYA](#), [Ryota TSUKUI](#), [Minoru NOMURA](#)
- Applying a N.Suprascapularis stimulating catheter versus local anaesthetic injections to manage acute pain following shoulder joint replacement and evaluating the analgesia nociception index (ANI). [Iveta GOLUBOVSKA](#) (Riga, Latvia), [Katrīna MOSKALĒNKO](#)
- Are pain and anxiety scores in trauma patients suitable for assessing perioperative pain? [Saskia SCHMIDT](#), [Inge GERSTORFER](#) (VIENNA, Austria)
- Bilateral external oblique intercostal catheter for postoperative analgesia after pancreatoduodenectomy via bilateral subcostal incision in a patient with acquired haemophilia A: case report. [Fanni Viktória LUKÁCS](#) (Budapest, Hungary), [Judit LÖRINCZ](#)
- Bilateral ultrasound-guided mid-point transverse process to pleura block in laparotomic colorectal surgery: a case report. [Federica FIORENTINI](#) (Teramo, Italy), [Marco VESPASIANO](#), [Franco MARINANGELI](#), [Francesca PATTA](#), [Mariapaola BERNARDI](#)
- Comparison of the anaesthetic use of ultrasound guided liposomal bupivacaine infiltration to non-liposomal bupivacaine infiltration in knee arthroplasties, with opioid-free intraoperative strategy - a prospective sequential cohort study. [Katherine SAINSBURY](#) (Nuneaton, United Kingdom), [Stephen DEAN](#), [Kausik DASGUPTA](#)
- Continuous bilateral Erector Spinae plane Block provides effective postoperative analgesia after open upper abdominal surgery, a case series report. [Dmitry GREENMAN](#), [Dmitry GREENMAN](#), [Yefim REICHENSTEIN](#) (Jerusalem, Israel), [Yaacov GOZAL](#)
- Delayed subarachnoid migration of an epidural catheter - a potentially hazardous complication. [Gisela REIS](#) (Lisbon, Portugal), [Fábio RATO](#), [Luísa ELISIÁRIO](#)
- Development of a predictive model to risk stratify patients at increased risk of significant postoperative pain. [Azriel CHANG](#) (Singapore, Singapore), [Hon Sen TAN](#), [Chin Wen TAN](#), [Rehena SULTANA](#), [Farida ITHNIN](#), [Alex Tiong Heng SIA](#), [Ban Leong SNG](#)
- Effect and method of continuous pericapsular nerve group block in femur fracture patients undergoing total hip arthroplasty: case report. [Younghoon JUNG](#) (Busan, Korea)
- Erector Spinae Plane Block versus Rectus Sheath Block for Postoperative Analgesia in Laparoscopic Cholecystectomy Patients: A Randomized Non-Inferiority Pilot Study. [Mete MANICI](#), [İlayda KALYONCU](#), [Yavuz GÜRKAN](#) (Istanbul, Turkey)
- Erector Spinae plane catheter rescue analgesia after thoracotomy for single lung transplant. [Suraj SHAH](#), [Seung Cheol \(Paul\) KIM](#) (London, United Kingdom), [Marco SCARAMUZZI](#), [Christopher SKEOCH](#)
- ESP BLOCK AS A NEW CHOICE FOR MULTIMODAL ANALGESIA IN SCAPULOTHORACIC ARTHROSCOPY. [Guillermo PEREZ-NAVARRO](#) (ZARAGOZA, Spain), [Santos MOROS-MARCO](#), [Sara GROS-ASPIROZ](#), [Oscar JACOBO-EDO](#), [Ernesto ARROYO-RUBIO](#), [Lourdes LOBERA-AREVALO](#), [Alejandro PEREZ-ARA](#), [Angel CALVO-DIAZ](#)
- External Oblique Intercostal fascial plane block for patients undergoing liver transplantation: a case series. [Sindhuja NIMMA](#) (Jacksonville, USA), [Kishan PATEL](#), [Dana PERRY](#), [Stephen Ili ANISKEVICH](#), [Ryan CHADHA](#), [Hari KALAGARA](#)
- Feasibility and Efficacy of Ultrasound Guided Cervical Sympathetic Plexus Block with Continuous Infusion of Local Anesthetics to Treat Acute Post-surgical Pain After Transoral Robotic Surgery head and neck surgery. [Siamak RAHMAN](#) (Los Angeles, USA), [Abie MENDELSON](#), [Parisa PARTOWNAVID](#), [Benjamin CHU](#), [Emily WONG](#), [Tristan GROGAN](#)
- General Anesthesia And Caudal Block For Liposuction And Abdominoplasty. [Hany HAGGAG](#) (Abu Dhabi, United Arab

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Emirates), [Ahmed BADAWY](#)

– INDIVIDUAL ANAESTHETIST VARIATION IN PAIN EXPERIENCE OF DONOR NEPHRECTOMY PATIENTS.

[Karen MACKINTOSH](#) (GLASGOW, United Kingdom), [Nikole RUNCIMAN](#), [Samantha JOLIFFE](#), [Iain THOMSON](#)

– Investigating the Impact of Liposomal Bupivacaine on Postoperative Pain Management to Reduce Opioid Use Disorder. [Jennifer UYERE](#), [Paola Lorena SOTELO FLORES](#) (Guadalajara, Mexico, USA), [Fabiola VAZQUEZ PADILLA](#), [Miguel CERVANTES](#)

– LOW DOSE OF INTRATECAL MORPHINE IN PATIENTS UNDERGOING OPEN LIVER RESECTION. [Cristina SOUSA](#), [Susana MAIA](#) (Vila Real, Portugal), [Beatriz XAVIER](#), [Alexandra CARNEIRO](#), [Rita ROCHA](#), [Gustavo NORTE](#), [Eva ANTUNES](#), [Catarina SAMPAIO](#)

– Miraculous treatment of excessive sweating associated with intrathecal morphine: Case Report.

[Kocamanoglu SERHAT](#) (SAMSUN, Turkey), [Gokcenur ERAYDIN](#)

– Opioid- sparing anesthesia/analgesia in complex intra-abdominal surgery: a case report. [Marianna MAVROMATI](#), [Kassiani THEODORAKI](#) (Athens, Greece)

– Pain Assessment and Management : Understanding the Barriers. A Survey of Caregivers and Patients at Bizerte Academic Hospital, Tunisia. [Zeineb SGHAIER](#) (BIZERTE, Tunisia)

– Pain Management Committee : Contributions, Compromises, and Lessons Learned - Real World Evidence from a Tunisian Academic Hospital. [Zeineb SGHAIER](#) (BIZERTE, Tunisia)

– Paravertebral block versus thoracic epidural analgesia in video-assisted thoracoscopy surgery for lung cancer. Observational retrospective cohort study. [Marta RODRIGUEZ CORNET](#) (Terrassa, Spain), [Gerard MESTRES GONZALEZ](#), [Alba BENITO GOMEZ](#), [Mónica PÉREZ-POQUET](#), [Marc BAUSILI RIBERA](#)

– Postoperative analgesic efficacy of low volume C5-C6 root block in combination with erector spinae plane block for complex shoulder surgeries- A Case Series. [Maitreyi KULKARNI](#) (PUNE, India), [Nita D'SOUZA](#)

– POSTOPERATIVE OF TOTAL ABDOMINAL HYSTERECTOMY (TAH) USING DRUG INFUSION BALLON (DIB): EPIDURAL ANALGESIA VS PARENTERAL ANALGESIA – TIME TO CHANGE OUR PRACTICE? [Nelson GOMES](#), [Paulo CORREIA](#) (Porto, Portugal), [Ana CASTRO](#), [Marcos PACHECO](#)

– Preoperative gabapentin in patients undergoing a total hip or a total knee arthroplasty: a case-control study.

[Antonio FIOCCOLA](#) (Firenze, Italy), [Ana Marta PINTO](#)

– Pressure monitoring device to improve accuracy of TAP block. [Sarah SHIBA](#) (Brussels, Belgium)

– Rebound pain after regional anaesthesia. [Felicia TAN](#) (Singapore, Singapore), [Hanan Shatayat Suweilem ALGHANAMI](#), [Geraldine CHEONG](#)

– Regional anesthesia as the primary choice for postoperative pain control in an opioid-sensitized patient: A case report";. [Marina BANOVIĆ](#) (Zagreb, Croatia), [Višnja NESEK ADAM](#)

– Results from the implementation of a PCEA protocol for postoperative pain. [João PINHO](#), [Francisco M. TEIXEIRA](#) (Lisbon, Portugal), [Sara SERAFINO](#), [Margarida MARCELINO](#), [Susana CARVALHO](#), [Rita FERREIRA](#)

– Retrospective evaluation of preoperative and postoperative pectoral nerve blocks for acute pain management after modified radical mastectomy: Impact on quality of recovery. [Gulay ERDOGAN KAYHAN](#) (Eskisehir, Turkey), [Meryem ONAY](#), [Bartu BADAĞ](#)

– Serratus plane block for postoperative pain management after minimally invasive heart valve surgery: Case series. [Yalçın GÜVENLİ](#) (İZMİR, Turkey), [Yagmur CINAR](#), [Yücel KARAMAN](#), [Ergin ALAYGUT](#), [Aysegül KUNT](#), [Bürçin ABUD](#)

– Sex related severity of post-operative pain and opioid-related adverse effects after abdominal surgery. Does anesthetic technique make a difference? [Ruth EDRY](#) (Haifa, Israel), [Tal HEFETZ](#), [Lior COHEN](#), [Eden PIKEL](#), [Fadi SHBAT](#), [Winfried MEISSNER](#), [Ruth ZASLANSKY](#)

– SUPRA-INGUINAL FASCIA ILIACA BLOCK (SIFIB) FOR TOTAL HIP ARTHROPLASTY (THA) – WHAT CAN GO WRONG? [Nelson GOMES](#), [Paulo CORREIA](#) (Porto, Portugal), [Sara TORRES](#), [Ana CASTRO](#), [Marcos PACHECO](#)

– Tap-block as a diagnostic and monitoring tool in acute surgical abdomen: a case report. [Simona TANTILLO](#) (Bologna, Italy), [Irene SBARAINI ZERNINI](#), [Francesco BENVENUTI](#), [Martina GUARNERA](#), [Francesco TALARICO](#), [Lorenzo GIUNTOLI](#), [Nicola CILLONI](#)

– The combined use of liposomal bupivacaine fascial plane infiltration and short-acting spinal anaesthesia to enhance recovery in patients undergoing laparoscopic colorectal cancer surgery. [Mudassar ASLAM](#), [Katherine SAINSBURY](#) (Nuneaton, United Kingdom), [Mark PAIS](#), [Mahul GORECHA](#)

– Ultrasound guided Fascia iliaca vs PENG with LFCN block in fracture neck of femur: Our experience. [Lutful AZIZ](#) (Dhaka, Bangladesh)

– UNEXPECTED FOOT DROP AFTER PROXIMAL IPACK BLOCK. [Alessandro RUGGIERO](#), [Costa FABIO](#) (ROME, Italy), [Giuseppe PASCARELLA](#), [Alessandro STRUMIA](#), [Stefano RIZZO](#), [Francesca GARGANO](#), [Massimiliano CARASSITI](#), [Felice Eugenio AGRÒ](#)

– Using heart rate to predict postoperative pain. [Cândida Sofia PEREIRA](#) (VISEU, Portugal), [Filipa CUNHA](#), [Pinto MARIA](#), [Manuel VICO](#), [Daniela PAIS](#), [Raquel SEBASTIÃO](#)

– Utilizing high dose ketamine for the treatment of refractory, postoperative, phantom limb pain following total shoulder with proximal humeral replacement for transdermal osseointegration surgery. [Tarrah FOLLEY](#) (Phoenix, USA)

– “Fetty tranq” – A multidisciplinary approach to surgical and acute pain management. [Dennis WARFIELD JR.](#) (Hershey, USA), [Mikayla BORUSIEWICZ](#), [Isha JOSHI](#), [Donald DISSINGER](#), [Lori AMERTIL](#), [Michelle GNIADY](#), [Taffy ANDERSON](#)

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POSTER DISPLAYED Chronic Pain Management

- Alternative Pharmacological Approaches to Chronic Pain Management. [Fernando GOMEZ II](#), [Ian BARRERA](#) (Guadalajara, Mexico), [Rodolfo MAYTORENA-GUTIÉRREZ](#), [Ruth HIGUERA-DÍAZ](#)
- An Episodic Case of Short Lasting Unilateral Neuralgiform Headache with Conjunctival Injection and Tearing (SUNCT) After Ophthalmic Surgery. [Heseltine NICHOLAS](#), [Heseltine NICHOLAS](#) (Liverpool, United Kingdom)
- Bariatric pre-operative pain optimisation pathway: a prospective observational study. [Niamh MCCORMACK](#) (Plymouth, United Kingdom), [David HUTCHINS](#)
- BOTULINUM TOXIN INFILTRATION AS AN OPTION FOR TREATMENT OF PERSISTENT HEADACHE ASSOCIATED WITH COVID-19. CASE REPORT. [Maria Isabel MEDINA TORRES](#), [Adrian SANTOS MACIAS](#), [Inmaculada LUQUE MATEO](#), [Javier NIETO MUÑOZ](#) (Marbella, Spain)
- Caudal Blockade in Chronic Low Back Pain - a clinical case report. [Francisco TEIXEIRA](#), [Delilah GONÇALVES](#), [Susana MAIA](#), [Beatriz XAVIER](#) (Vila Real, Portugal), [Pedro MARTINS](#), [Carolina SANTOS](#)
- Complete resolution of central neuropathic pain after left frontal cerebral hemorrhage : a case report. [Seonjin KIM](#) (SEOUL, Korea), [Jeong Eun LEE](#), [Sam Soon CHO](#)
- Cryoablation - a case report. [Beatriz LEAL](#), [Catarina LUZ ALVES](#) (Lisboa, Portugal), [Diana RORIZ](#), [Delilah GONÇALVES](#), [Manuel CARVALHO](#), [Hugo REIS](#)
- Cryoneurolysis for Post-Mastectomy Pain Syndrome: a case report. [Antonio CLEMENTE](#) (Rome, Italy), [Alessandra PIGLIACELLI](#), [Matteo Giorgio PALERMO](#), [Mario BOSCO](#)
- Cryoablation as a treatment for symptomatic Bertolotti's syndrome : A case report. [Ken-Yi LUI](#), [Abeer ALOMARI](#) (Toronto, Canada), [Philip PENG](#)
- Effect of Covid-19 in regulation of implantable intrathecal pumps for benign chronic pain management. [Dimitrios PEIOS](#) (Thessaloniki, Greece), [Athanasia TSAROUCHA](#), [Christina BLE](#), [Periklis ZAVRIDIS](#), [Georgios MATIS](#)
- Efficacy of Ultrasound-Guided Radiofrequency Treatment for Chronic Pain in a young patient with Forestier syndrome (DISH). [Marianthi VARVERI](#) (THESSALONIKI, Greece), [Polyxeni ZOGRAFIDOU](#), [Georgia GRENDIA](#), [Eleni KORAKI](#), [Apostolos CHATZIKALFAS](#), [Maria DOUMBARATZI](#)
- Erector Spinae Plane Block for the management of postsurgical thoracic pain in a young patient with ovarian cancer. [Polyxeni ZOGRAFIDOU](#), [Georgia GRENDIA](#), [Marianthi VARVERI](#), [Eleni KORAKI](#) (Thessaloniki, Greece)
- Exploring Alternatives Following Spinal Cord Stimulation Implantation Failure. [Reda TOLBA](#), [Clara LOBO](#) (Abu Dhabi, United Arab Emirates), [Tanmoy MAITI](#), [Amit VERMA](#), [Eric FRANÇOIS](#)
- Four Specific Blocks for Headache Relief: Investigating Potential Shared Mechanisms. [Christos MAVROPOULOS](#) (Thessaloniki, Greece)
- Hip denervation for chronic pain management due to congenital hip dislocation. [Gözde CELİK](#), [Fatemeh FARHAM](#), [Aslihan GÜLEC KILIC](#) (Ankara, Turkey), [Nurten İNAN](#)
- Integrative pain care: symbiosis between Chronic Pain Unit and Palliative Care is the key. [Dulce PEREIRA](#) (Viseu, Portugal), [Joana PINTO](#), [Maria Do Céu LOUREIRO](#), [Elena SEGURA](#), [Marta MÓS](#), [Alexandra GUEDES](#)
- Intermediate Cutaneous Nerve of the Thigh Damage Associated with Redo Coronary Artery Bypass Surgery: A Case Report. [Clara LOBO](#) (Abu Dhabi, United Arab Emirates), [Arun KUMAR](#), [Massimo LAMPERTI](#), [Francisco LOBO](#)
- Intra-articular combination of fentanyl, dexamethasone, clonidine, ropivacaine and dextrose against pain due to knee osteoarthritis: A case report. [Theofilos TSOLERIDIS](#) (Rhodes, Greece), [Alexandros PITTAS](#)
- Intra-articular combination of fentanyl, dexamethasone, clonidine, ropivacaine and dextrose, against pain due to knee osteoarthritis: A case report. [Theofilos TSOLERIDIS](#) (Rhodes, Greece), [Alexandros PITTAS](#)
- LATERAL PTERYGOID MUSCLE ULTRASOUND-GUIDED INJECTION WITH BOTULINUM TOXIN (XEOMIN®) FOR MANAGEMENT OF TEMPOROMANDIBULAR PAIN. [Pablo RODRIGUEZ GIMILLO](#), [Rafael POVEDA](#), [Violeta PEREZ](#) (Valencia, Spain), [Maria MARGAIX](#), [Carlos DELGADO](#), [Jose Vicente BAGAN](#), [Jose DE ANDRES](#)
- Lumbar artery injury following lumbar sympathetic block: How serious is the situation? [Çınar AVINCA](#), [Zeliha Ayçan ÖZDEMİRKAN](#), [Aydan İremnur ERGÖRÜN](#) (Ankara, Turkey), [Fatemeh FARHAM](#), [Nezih YAYLI](#), [Fatih ÖNCÜ](#), [Didem Tuba AKÇALI](#)
- Management of Post-Pain Procedure Hiccups: A Systematic Review. [Prabhleen KAUR](#) (Waterbury, Connecticut, USA), [Ratnadeep BISWAS](#), [Vishnu Shankar OJHA](#), [Priyali SINGH](#)
- Minimally Invasive Open Lumbar Discectomy With Nucleoplasty and Annuloplasty As A Technique For Effective Reduction of Both Axial and Radicular Pain. [Ashraf SAKR](#), [Wael ELKHOLY](#) (Edison, USA), [Mahmoud QANDEEL](#)
- Neuromodulation as a potential therapeutic alternative to manage chronic pain in geriatric population. [Luis F ESPINET MALDONADO](#) (Ponce, Puerto Rico), [Fernando GOMEZ II](#), [Daniel QUIÑONES](#)
- Patient with a radial nerve mononeuropathy who achieved sustained, long-term pain relief following temporary placement of a Sprint Peripheral Nerve Stimulator. [Ross BARMAN](#) (Rochester, USA), [Susan MOESCHLER](#)
- PERIPHERAL NERVE BLOCKS FOR THE LUMBAR RADICULOPATHY,: A 1 YEAR FOLLOW UP STUDY. [Sumedha SURESH KUMAR](#), [Praveen TALAWAR](#) (Rishikesh, India), [Ajit KUMAR](#)
- Post-traumatic compressive C6 cervicobrachialgia, not all that glitters is gold. [Arturo COHEN SANCHEZ](#),



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Juan Bernardo SCHUITEMAKER REQUENA (Barcelona, Spain), Lorne Antonio LOPEZ PANTALEON, Ana Teresa IMBISCUSO ESQUEDA, Veronica Margarita VARGAS RAIDI, Ivan RODRIGUEZ GALLARDO, María MINOVES BOTÉY, Agnès NADAL LÓPEZ

- Posterior pericapsular deep-gluteal block in addition to the PENG block for chronic hip pain: A case report and clinical outcomes. **Selin GUVEN KOSE** (Izmit, Turkey), **Cihan KOSE**, **Serkan TULGAR**, **Taylan AKKAYA**
- Posterior reversible encephalopathy syndrome after Oxygen-Ozone Therapy for Cervical and Low Back Pain: a case report. **Marta RODRIGUEZ CORNET** (Terrassa, Spain), **Eleuteri VIDAL AGUSTÍ**, **Jean Louis CAMILLE CLAVE**, **Marina ALCOBERRO GONZALEZ**, **Mónica PÉREZ-POQUET**, **Marc BAUSILI RIBERA**
- Pulsed radiofrequency for the management of pain due to dorsal scapular nerve entrapment: A case report. **Martina REKATSINA** (Athens, Greece), **Thalis ASIMAKOPOULOS**
- Quadratus Lumborum Phenol Neurolysis, an Underrated Alternative in Malignancy. **Claudia Stella NIÑO-CARREÑO**, **Juan Esteban PUERTA-BOTERO**, **Carlos Eduardo RESTREPO-GARCÉS** (Medellín, Colombia)
- REGIONAL ANESTHESIA IN PEDIATRIC CRPS. **Gaetano TERRANOVA**, **Cerbene FRANCESCA MARTINA** (milan, Italy)
- REVOLUTIONIZING NERVE PAIN TREATMENT: HARNESSING DOSIMETRY, NANOBOTS, AND AI FOR PERSONALIZED RELIEF. **Banda CHRISTIAN** (Houston, USA), **Andrade De Oliveira KARLA**
- TREATMENT OF NEUROPATHIC PAIN IN THE IMMEDIATE POSTOPERATIVE PERIOD WITH PERINEURAL CATHETER. **Rocío GUTIÉRREZ BUSTILLO**, **Silvia DE MIGUEL MANSO** (Valladolid, Spain), **Carlota GORDALIZA PASTOR**
- TREATMENT OF NEUROPATHIC PAIN WITH PERIPHERAL NERVE BLOCK: CASE REPORT. **Cristina PEIXOTO DE SOUSA**, **Beatriz XAVIER** (Vila Real, Portugal), **Susana MAIA**, **Delilah GONÇALVES**, **Francisco TEIXEIRA**, **Gustavo NORTE**, **Catarina SAMPAIO**, **Miguel SA**
- Ultrasound Vs Fluoroscopy in the management of Cervical radicular pain: Can we replace Fluoroscopy? **Monica Andreea SANDU** (Bucharest, Romania)
- Ultrasound-guided superior cluneal nerves block for neuropathic pain. **Helena SOUSA**, **Daniela SIMOES FERREIRA** (Aveiro, Portugal), **Margarida BETTENCOURT**, **Bruno MENDES**
- Unilateral paresis after safe triangle approach for transforaminal epidural steroid injection. **Aslihan GÜLEC KILIC** (Ankara, Turkey), **Gözde CELIK**, **Gözde SAVAS**, **Alparslan Muhammed OZDEMIR**, **Nil TOKGÖZ**, **Didem Tuba AKÇALI**
- Unveiling the Effects of Shoulder Phenol Neurolysis: A Promising Case Study. **Carlos Eduardo RESTREPO-GARCÉS** (Medellín, Colombia), **Juan Esteban PUERTA-BOTERO**, **Mariana VELASQUEZ-JARAMILLO**, **Federico PUERTA-MARTINEZ**
- When the thoracic MRI explains the upper extremity symptoms. **Gunar SUBIETA BENITO** (Chicago, USA), **Diane SIERENS**, **Andrew WONG**

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POSTER DISPLAYED Paediatrics

- Alternative methods for analgesia in a polytraumatic pediatric patient with a hip fracture, contraindicated for opioids. **Albena ATANASOVA** (Sofia, Bulgaria), **Ivanka BUCHAKCHIEVA**, **Denis ISMET**, **Bogdan MLADENOV**
- Assessment of the Preemptive Midazolam on Headache and Myalgia after Electroconvulsive Therapy compared to a control group. **Zahra RAHIMI** (Isfahan, Islamic Republic of Iran), **Behzad NAZEMROAYA**, **Fatemeh ETTEHADIEH**
- CASE REPORT : ULTRASOUND GUIDED SERRATUS ANTERIOR PLANE BLOCK (SAPB) AS ANALGESIC ADJUNCT OF RIGHT OPEN THORACOTOMY IN INFANT. **Gee Ho SIEW** (Klang, Malaysia)
- Combined regional anaesthesia approaches for postoperative analgesia in a child undergoing complete total scapulectomy for Ewing's sarcoma. **Eshel A. NIR** (Haifa, ISRAEL, Israel), **David NIKOMAROV**, **Rostislav NOVAK**, **Avi FISHBEIN**, **Slava SHER**, **Alexander KIORESCU**, **Alice BARLAM**, **Ruth EDRY**
- Comparative review caudal vs general anesthesia in pediatric surgery. **Denis ISMET** (Sofia, Bulgaria), **Albena ATANASOVA**, **Ivanka BUCHAKCHIEVA**, **Bogdan MLADENOV**
- Continuous interscalene block for postoperative analgesia in pediatric patient with open humerus fracture and external fixation. **Elena IVANOVA** (Sofia, Bulgaria), **Mihaylova SEVDALINA**, **Despotov BORISLAV**
- Costoclavicular brachial plexus block in Paediatrics - a single-centre, two-year data analysis. **Francisco M. TEIXEIRA** (Lisbon, Portugal), **Ana CARNEIRO**, **Jorge PAULOS**, **Filipa CARIOCA**
- Defying limits - regional anaesthesia as a stand-alone technique in Paediatrics. **Francisco M. TEIXEIRA**, **Beatriz LEAL** (LISBOA, Portugal), **Ana CARNEIRO**, **Marisa SILVA**
- Effects of the ketogenic diet in pediatric patients with epilepsy and its association to parental stress. **Veronica GUTIERREZ-DELGADO**, **Veronica GUTIERREZ-DELGADO** (Gonzales, USA), **Stephanie GUTIERREZ**
- Efficacy of the Sacral Multifidus Plan Block for Rectal Biopsy in Children. **Pinar KENDIGELLEN** (Istanbul, Turkey), **Aybike ONUR GONEN**, **Rahsan OZCAN**, **Ayşe TUTUNCU**
- Erector spinae plane block (ESPB) for pain management in pediatric thoracic surgery. **Albena ATANASOVA** (Sofia, Bulgaria), **Ivanka BUCHAKCHIEVA**, **Bogdan MLADENOV**, **Denis ISMET**
- Glossopharyngeal neuralgia in the pediatric patient, an ongoing threat and a call to action. **Claudia Stella NIÑO-CARREÑO**, **Juan Esteban PUERTA-BOTERO**, **Carlos Eduardo RESTREPO-GARCÉS** (Medellín, Colombia)
- Ketodex and Regional Anesthesia in a Pediatric Patient with a Challenging Airway: A Case report. **Catarina PETIZ**,



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António PALHA RIBEIRO (Porto), Céline MARQUES

- Lamb-Shaffer syndrome: when there are no reports, regional anesthesia might be the answer. **André ALVES DOS SANTOS**, **Beatriz LEAL** (LISBOA, Portugal), **Marisa SILVA**
- Locoregional anesthesia in pediatric surgery: a comparative study between caudal block and lumbar square block in inguinal hernia and testicular ectopia surgery. **Maha BEN MANSOUR**, **Imen TRIMECH** (Paris), **Sabrina BEN YOUSSEF**, **Amine BEN SLIMENE**, **Nadine MAMA**, **Ines KOOBAA**, **Sawsen CHAKROUN**, **Mourad GAHBICHE**
- Opioid-free anaesthesia : the value of peripheral and central blocks in subumbilical and urogenital surgery in children. **Maha BEN MANSOUR**, **Imen TRIMECH** (Paris), **Sabrina BEN YOUSSEF**, **Fares BEN SALEM**, **Sarra SAMMARI**, **Faouzi BEN SALEM**, **Sawsen CHAKROUN**, **Mourad GAHBICHE**
- Quadratus lumborum block (QLB-1) in a 14-year-old patient for major laparotomy of a giant dysgerminoma. **Georgia GREENDA** (Thessaloniki, Greece), **Polixeni ZOGRAFIDOU**, **Maria DOUMPARATZI**, **Marianthi VARVERI**, **Eleni KORAKI**, **Maria TSIOTSIU**, **Ophelia PAPAGIANNOPOULOU**
- Sacral Erector Spinae Plane Block for Sacral Soft Tissue Resection. **John HAGEN** (New York, USA), **Katerina RONDEL**
- Sciatic nerve block under direct view as analgesic supplement in a 13 year old patient with cerebral palsy that underwent femoral tendon lengthening. **Eleana GARINI**, **Elisavet ASTYRAKAKI** (Athens, Greece), **Lito FLOUDA**, **Eirini GAZELOPOULOU**
- Ultrasound Guided Popliteal Sciatic Nerve Block in a Teen with Cornelia De Lange Syndrome and Difficult Airway. **Veronica COLIN** (Mexico City, Mexico)

00:00 - 00:00

POSTER DISPLAYED Miscellaneous

- "Direct access" Patient pathway for ambulatory care – a service review. A safe sustainable access route to the operating theatre including via the block bay. **Gerard KAVANAGH** (Galway, Ireland), **John MCDONNELL**, **Brian KINIRONS**
- A case of Anti Synthetase Syndrome with Interstitial lung disease for laparoscopic surgery. **Zanariah YAHAYA** (Singapore, Singapore)
- A cost-effective, high-fidelity phantom model for teaching ultrasound-guided vascular access and needling skills. **Peter DAUM** (London, United Kingdom), **Griffiths ISABEL**
- A Qualitative Analysis of Intraoperative Acupuncture for Nosocomophobia: The Unseen Patient. **Stephanie CHENG**, **Pa THOR** (New York City, USA), **Haoyan ZHONG**, **Andrew MORENO**, **Miriam SHEETZ**, **Marko POPOVIC**
- A qualitative study of patients' attitudes to awake orthopaedic surgery under regional anaesthesia. **Nicolas SUAREZ** (Oxford, United Kingdom), **Thomas HINE**, **Alexander TOUGH**, **Katherine FINLAY**
- A rare case of LAST after femoral nerve block under USG guidance -A case report. **Jesto KURIAN** (Abudhabi, United Arab Emirates), **Olivia Biju JOHNY**
- ACUTE PAIN PROTOCOL FOR SICKLE CELL CRISIS - QUALITY IMPROVEMENT PROJECT. **Siyun XIE, MD**, **Elizabeth NGUYEN, DO**, **Jameson DOWELL, BS**, **Esteban ESQUIVEL, MD**, **Moe AMERI, MD, MSC**, **Melissa VICTORY BRODMAN, MD**, **Adebukola OWOLABI, MD** (Houston, USA)
- Application of the program "e;Madurity Assessment of Patient Blood Management"e; MAPBM in patients with proximal femur fracture. **Anglada TERESA**, **Misericordia BASORA**, **Riera RITA**, **Capdevila AINA**, **Camacho PILAR**, **Sala Blanch XAVIER**, **Garcia Rojas ISABEL**, **Ana RUIZ** (Barcelona, Spain)
- Bier Blocks in ambulatory surgery: a wellcomed comeback or old news? **Maria José DE BARROS E CASTRO BENTO SOARES**, **Joana VAN DER KELLEN** (Lisbon, Portugal), **Paula RIBEIRO**
- Case report: Ablation of renal tumour in high bmi patient under single shot paravertebral and remifentanyl. **David LORIGAN** (Montpellier, Ireland), **Suresh KUTHANUR-NATARAJAN**
- Case series of Patient satisfaction levels with Loco-Regional Anaesthesia & Immersive Virtual Reality (VR) sedation. **Vikas GULIA** (Nuneaton, United Kingdom), **Dominic GOOLD**, **Mahul GORECHA**, **Kausik DASGUPTA**
- CEREBROSPINAL FLUID LAVAGE FOR INADVERTENT INTRATHECAL INJECTIONS. AN OPTION TO BE CONSIDERED. **Silvia DE MIGUEL MANSO** (Valladolid, Spain), **Carlota GORDALIZA PASTOR**, **Rocío GUTIÉRREZ BUSTILLO**, **Beatriz MARTÍNEZ RAFAEL**
- CERVICAL SUBCUTANEOUS EMPHYSEMA AND PNEUMOMEDIASTINUM SECONDARY TO PENETRATING TRAUMA. **Carlota GORDALIZA**, **Silvia DE MIGUEL MANSO** (Valladolid, Spain), **Rocío GUTIÉRREZ BUSTILLO**, **Belén SÁNCHEZ QUIRÓS**, **Rocío LÓPEZ HERRERO**
- Cervical sympathetic chain / "e;stellate ganglion"e; block under ultrasound guidance to treat 15 year old olfactory dysfunction / anosmia. **Athmaja THOTTUNGAL** (Canterbury, United Kingdom), **Velliyottillom PARAMESWARAN**
- Combined anesthesia for Transabdominal Vertical Rectus Abdominis Musculocutaneous Flap. **Vasyl KATERENCHUK**, **Afonso BORGES DE CASTRO** (Mondim de Basto, Portugal), **Idalina RODRIGUES**
- Comparison of ultrasound tissue simulator and Needle Trainer in a simulated training environment among novice anaesthesiology trainees in regional anaesthesia. **Weng Ken CHAN** (Kuala Lumpur, Malaysia), **Kok Wang TAN**, **Iskandar KHALID**, **Afifah SAMSUDIN**, **Asmah AZIZEH**, **Vimal Varma SPOR MADIMAN**, **Azarinah IZAHAM**, **Mohammad Nizam MOKHTAR**
- Decision-making framework to undertake regional anaesthesia in patients with poor comorbidities and diminished mental capacity. **Tong-Khee TAN** (Singapore, Singapore)



"Saturday 09 September"

- Dexmedetomidine in palliative care. [Iztok POTOČNIK](#) (Ljubljana, Slovenia)
- Difference between "e;premature"e; and "e;adequate"e; transfusion- Why is it so difficult? [Melita BULJAN](#), [Melita BULJAN](#) (Zagreb, Croatia)
- Distal approaches of ultrasound-guided intercostal nerve block in patients with acute zoster-associated pain: A quantitative descriptive research. [Hirotaka HAYASHI](#) (Osaka, Japan), [Noriko YONEMOTO](#), [Fumiaki HAYASHI](#), [Kei KAMIITSURI](#), [Shunji KOBAYASHI](#)
- Educational intervention improves the adherence to VAP bundle by the nurses working in ICU- a quasi-experimental study. [Topsy ANTONY](#), [Dr. Ujjwal DAHIYA](#) (New Delhi, India), [Levis MURRAY](#), [Puneet KHANNA](#), [Manish SONEJA](#)
- Erector Spinae block for percutaneous kyphoplasty anesthetic management in high-risk patients: a case report. [Mireia RODRIGUEZ PRIETO](#) (Barcelona, Spain), [Angelica VILLAMIZAR AVENDANO](#), [Marisa MORENO BUENO](#), [Clara MARTINEZ GARCIA](#), [Irina MILLAN MORENO](#), [Gerard MORENO GIMENEZ](#), [Teresa FONSECA PINTO](#), [Sergi SABATÉ TENAS](#)
- Flexibility Pilot in Academic Pain. [Natalie STRAND](#) (Phoenix, USA)
- FUNGAL OSTEOOMYELITIS OF TMJ AND SKULL BASE CAUSED BY CHRONIC OTITIS MEDIA. [Bok Eum KIM](#) (Seoul, Korea)
- INADVERTED INTRATHECAL INJECTION OF ATROPINE AND ANAPHYLACTIC SHOCK. [Silvia DE MIGUEL MANSO](#) (Valladolid, Spain), [Rocío GUTIÉRREZ BUSTILLO](#), [Carlota GORDALIZA PASTOR](#), [Pilar OLMEDO OLMEDO](#)
- Incidence of nosocomial infections in icu of a tertiary care hospital and antibiogram. [Sami UR REHMAN](#) (Lahore, Pakistan)
- Investigating the most difficult concepts in anaesthesia for medical students. [Wan Xi HO](#) (Singapore, Singapore), [Zi Xian Justin CHOU](#), [Haowen JIANG](#), [Joselo MACACHOR](#)
- Key Pathophysiologic Pathways Implicated in Fabry's Pain Crises. [Steven GONZÁLEZ ROSARIO](#), [Andrea Virginia RUIZ-RAMÍREZ](#), [Lucia Elizabeth ALVAREZ PALAZUELOS](#), [Font BRITANY](#) (Guadalajara, USA), [Kevin Jose GONZALEZ ACEVEDO](#), [Marilis Charity GONZALEZ SANTOS](#), [Sheila Marie GONZALEZ SOTO](#), [Lismari Charity GONZALEZ SANTOS](#)
- Lidocaine spray versus other forms for local anesthesia in upper gastrointestinal endoscopy: A systematic review and meta-analysis. [Theerada CHANDEE](#) (Bangkok, Thailand), [Sudsayam MANUWONG](#), [Saritphat ORRAPIN](#), [Neranchala SOONTHORNKES](#), [Prasit MAHAWONGKAJIT](#), [Chuleerat SUPTONGCHAI](#), [Thanatcha LUANGMANEERAT](#)
- Litigation in regional anaesthesia: assessing trainee knowledge of injuries to determine medico-legal risk factors. [Joseph MCGEARY](#) (Dublin, Ireland)
- MACHINE LEARNING TO PREDICT POSTOPERATIVE PAIN AND OPIOID OUTCOMES: PROMISE OR PITFALL? [Julia Frederica REICHEL](#), [BA](#), [Haoyan ZHONG](#), [MPA](#) (NEW YORK, USA), [Jiabin LIU](#), [MD, PHD](#), [Dale LANGFORD](#), [PHD](#)
- Mitochondrial Dysfunction as Triggering in Complex Regional Pain Syndrome. [Paola María ROBERT VÉLEZ](#), [Lucia Elizabeth ALVAREZ PALAZUELOS](#), [Andrea Virginia RUIZ-RAMÍREZ](#) (Guadalajara, México, Mexico), [Carlos Francisco RIVERA QUILES](#), [Miguel Alejandro DÁVALOS BENÍTEZ](#), [Moctezuma Ilhuicamina CABRERA SALAIZA](#)
- Music in peri operative care. [Apoorva BALLAL](#) (Glasgow, United Kingdom)
- Naloxone infusion for the relief of cholestatic pruritus: presentation of a clinical case. [Karima BOUGUERRA](#) (Annaba, Algeria), [Nabil YAHIOUCHE](#), [Mahfoud DJEBIEN](#)
- Opioid free anesthesia to a patient in a drug rehabilitation program guided by the NOL index (Nociception Level Index). [Diamanto DIMITROULA](#), [Dimitris Iason KALYVAS](#) (Athens, Greece), [Amalia DOUMA](#), [Christina CHANTZI](#), [Antonia DIMAKOPOULOU](#)
- Paradigm shift in awake intubation. [Rita DINIS](#), [Bárbara SOUSA](#) (Lisboa, Portugal), [Andreia PUGA](#)
- PERIOPERATIVE FLUID FASTING IN ELECTIVE UPPER LIMB SURGERY IN A TERTIARY ORTHOPAEDIC HOSPITAL. [Rhys WILLIAMS](#) (Manchester, United Kingdom), [Mruthunjaya HULGUR](#)
- Perioperative hypersensitivity reaction after an ophthalmologic block: case report. [Anderson GONÇALVES](#) (Ribeirão Preto, Brazil), [Paulo Sérgio M. M. SERZEDO](#), [Flávio Coelho BARROSO](#)
- Perioperative management of antithrombotic therapy in hip fracture surgery. [Amparo IZQUIERDO AICART](#) (Valencia, Spain), [Maria SEMPERE](#), [Alba MONTOYA](#), [Rafael BADENES](#)
- POMAHF - Perioperative management of patient with hip fracture in Centro Hospitalar Universitário Lisboa Norte (CHULN). [Jorge CARTEIRO](#), [Marco DINIS](#) (Lisbon, Portugal), [João VALENTE](#), [Alexandra RESENDE](#)
- POST OPERATIVE SEIZURE: A DILEMMA TO ANESTHESIA. [Ray Carlo ESCOLLAR](#) (Bacolod, Philippines), [Jacky CORPUZ](#), [Samantha Claire BRAGANZA](#), [Iris CONCEPCION](#)
- Prospect Guidelines for Total Hip Arthroplasties at Letterkenny University Hospital: A Retrospective Close- Looped Audit and QI project. [Talha TARRAR](#), [Nermeen JAMSHAD](#) (Galway, Ireland)
- Questionnaire on knowledge and competency of spinal sonography(USG) among anaesthetists in George Eliot Hospital, UK. [Parga SAFI](#), [Vikas GULIA](#) (Nuneaton, United Kingdom), [Atul GAUR](#)
- Regional anaesthesia for intubation and maintenance in myasthenia gravis patient with bilateral renal calculi. [Prashanth PRABHU](#) (Bangalore, India), [Suvina N](#), [Sitara AY](#), [Hemashree G](#), [Poornashree G](#)
- Regional anesthesia as part of a multimodal blood conservation strategy in a Jehovah's Witness. [Rita BARBOSA](#), [Glória SIMAS RIBEIRO](#) (Lisbon, Portugal), [João VALENTE JORGE](#), [Lucindo ORMONDE](#)
- Regional Anesthesia in a Patient with Rett Syndrome: a Case Report. [Catarina TIAGO](#), [Ana MARQUES](#) (Vila Nova de Gaia, Portugal), [Nuno OLIVEIRA](#), [Joana BARROS SILVA](#), [Ribeiro CAROLINA](#), [Ana PANZINA](#), [Coimbra LUÍSA](#)
- Role of hemi-body radiation in pain control in prostate cancer with disseminated bone metastasis.



"Saturday 09 September"

Suryakanta ACHARYA (Lakhimpur, India)

- SATISFACTION WITH EPIDURAL ANALGESIA IN LABOUR: analysis of questionnaire. **Kata SAKIC** (Zagreb, Croatia), **Livja SAKIC**, **Dinko BAGATIN**
- Severe Hand Pain In IV-Stage Leriche-Fontaine Peripheral Artery Disease(PAD): Combination Between Regional Anesthesia(RA) And Ozone(O3) Therapy For Recovery Of Microcirculation. A Case Report. **Marco MAZZOCCHI** (Pavia, Italy), **Benedetta MASCIA**, **Eleonora PARIANI**, **Giacomo BRUSCHI**, **Pietro QUARETTI**, **Alessandro LOCATELLI**
- Spinal anesthesia for transurethral resection in a patient with severe asymptomatic aortic stenosis after balloon aortic valvuloplasty. **Magdalena PALIAN**, **Linda PERICA** (Zagreb, Croatia), **Mateja ULAMEC**, **Nataša MARGARETIĆ PIJEK**, **Eleonora GOLUŽA**, **Slobodan MIHALJEVIĆ**
- Survey of Trainees' experiences with Regional Anaesthesia (RA) training programme in a teaching hospital over 20 years: 2003-2023. **Haili YU** (Oxford, United Kingdom), **Orlaith MCMAHON**, **Samantha PERERA**, **Svetlana GALITZINE**
- TAMING THE TIGER: SEDATION WITH REMIFENTANIL AND MIDAZOLAM FOR A FIVE LEVEL VERTEBROPLASTY - A CASE REPORT. **David SILVA MEIRELES**, **Alexandrina JARDIM SILVA** (Lisboa, Portugal), **Francisco VALENTE**, **Alexandre CARRILHO**
- The association between preoperative frailty and hypotension during the beach-chair position in patients undergoing total shoulder arthroplasty under general anesthesia with interscalene brachial plexus block. **Hyun Jung LEE** (Seoul, Korea), **Youn Jin KIM**, **Jae Hee WOO**, **Hye-Won OH**, **Ji Seon CHAE**, **Sang-Mee AN**, **Youn Young LEE**
- THE PREVALENCE OF FRAILTY AMONG ELDERLY UNDERGOING SURGERY FOR LOWER LIMB FRACTURES UNDER SPINAL ANAESTHESIA. **Aliki-Danai SOULEIMANI** (IOANNINA, Greece), **Christos EXARCHOS**, **Panagiota PANAGIOTOU**, **Paraskevi MAVRIDOU**, **Frideriki STELIOU**
- The use of exparel in knee arthroplasty: a service improvement project. **Keable SAMUEL NIGEL** (Kings Lynn, United Kingdom), **Stolady DANIEL**, **Fox BENJAMIN**, **Ivanov OGNAN**
- Training in Plan A Blocks – a regional trainee survey and quality improvement project. **Paul MOODY** (Birmingham, United Kingdom), **Drew WEIR**
- Ultrasound-guided Serratus Posterior Superior Block in a case of multitrauma: first catheter application in the novel block. **Serkan TULGAR** (Samsun, Turkey), **Dilan AKYURT**, **Caner GENC**
- Venovenous ECMO in near fatal ashtma: Case Report. **Lucia ALVAREZ** (GDL, Mexico), **Graziella Alexandra GALVEZ**, **Carla ROMO**, **Carlos Daniel HIGUERA**, **Maria Del Carmen OJEDA**
- WHAT CAN ANESTHESIOLOGISTS DO TO MITIGATE CLIMATE CHANGE? **Ana Maria SUAREZ** (Bogota, Colombia), **Vanessa LOPEZ**, **Jorge ROJAS**, **Maria SANTOYO**, **Jairo MOYANO**

00:00 - 00:00

POSTER DISPLAYED Ultrasound Guided RA (UGRA)

- A case report: the use of ultrasound guided peripheral nerve block for humerus surgery in a patient with fixed neck deformity. **Aarushi JAIN** (Muzaffarnagar, India), **Balavenkatasubramanian JAGANNATHAN**
- A novel opioid-sparing anaesthetic technique combining the use of liposomal bupivacaine nerve group blocks and remimazolam for a high-risk respiratory patient undergoing total hip arthroplasty. **Mudassar ASLAM** (Nuneaton, United Kingdom), **Dominic GOOLD**, **Kausik DASGUPTA**
- AXILLARY REGION? NOT A BIG DEAL! **Costa FABIO**, **Alessandro RUGGIERO** (Rome, Italy), **Maria Pia STIFANO**, **Giuseppe PASCARELLA**, **Alessandro STRUMIA**, **Davide SAMMARTINI**, **Luigi Maria REMORE**, **Felice Eugenio AGRO**
- Beginning of something new – international collaboration teaching ultrasound-guided regional anaesthesia (UGRA) via virtual reality (VR). **Jan Man WONG** (London, United Kingdom), **Fiona LINTON**, **Pei Jean ONG**, **Ryan Rhys ELLIS**, **Maria KANSENGA**, **Lionelle TCHOKAM**, **Raymond NDIKONTAR**
- COMPARISON OF ULTRASOUND GUIDED FEMORO-SCIATIC NERVE BLOCK VERSUS EPIDURAL ANALGESIA FOR POST-OPERATIVE ANALGESIA FOLLOWING EXCISION OF KNEE TUMOURS – A RCT. **Dilip SHENDE** (New Delhi, India), **Vishnu VISHNU NARAYANAN M.R.**, **Virinder MOHAN**
- Continuous erector spinae plane (ESP) block for awake palliative mastectomy in a patient considered unfit for general anaesthesia. **Hosim PRASAI THAPA** (Melbourne, Australia), **Blake COOPER**
- Continuous Suprainguinal Iliac Fascia Block As Analgesic Strategy For Total Hip Arthroplasty. **Francisco TEIXEIRA** (Vila Real, Portugal), **Cristina PEIXOTO SOUSA**, **Ana PEREIRA**, **Diogo MORAIS**, **Carlos CORREIA**
- Double Axillary Artery and an Owl Face during an Ultrasound-guided Axillary Brachial Plexus Block. **Vinodha Devi VIJAYAKUMAR**, **Arimanickam GANESAMOORTHY** (Thanjavur, Tamil Nadu, India)
- Effect of the quadratus lumborum block on postoperative analgesia and recovery after gynaecological laparoscopic surgery: a review. **Konstantinos LAMPROU**, **Martina REKATSINA** (Athens, Greece), **Philip WALSH**, **Iosifina KARMANIOLOU**
- Effectiveness of bilateral erector spinae block for managing postoperative pain in laparoscopic sleeve gastrectomy- A prospective case series. **Jesto KURIAN** (Abudhabi, United Arab Emirates), **Olivia Biju JOHNY**
- Efficacy of combined nerve block analgesia in elderly patients with hip fracture. **Hongbin YUAN** (Shanghai, China)
- Efficacy of Pericapsular Nerve Group Block (PENG) in hip surgery: A systematic literature review and metanalysis. **Iosifina KARMANIOLOU**, **Martina REKATSINA** (Athens, Greece), **Christos CHAMOS**, **Ioannis KAPSOKALYVAS**, **Chrysoula STAIKOU**



"Saturday 09 September"

- Erector Spinae Plane Block in patients with acute low back pain. [Ouahid RAHIL](#) (Privas), François CARPENTIER, Taher CARAT, Badreddine BENOURET
- Fair and Square – an effective alternative analgesia to an unfeasible epidural. [Ana Inês PROENÇA PINTO](#), [Fernando José ALMEIDA E CUNHA](#) (Aveiro, Portugal), Margarida FERREIRA, Daniela Cristina SIMÕES FERREIRA
- High thoracic (T1) erector spinae plane (ESP) block as alternative pain relieve for sternoclavicular fracture. [Lin Jun TAN](#) (Johor, Malaysia), Serene TAN
- Interscalene brachial plexus block and erector spinae plane block for axillary dissection: a successful approach. Sara PEDROSA, Maria LAGARTEIRA, Magda BENTO, [Leonardo MONTEIRO](#) (Penafiel, Portugal)
- INTRA-OPERATIVE BLOCKS FOR HIP FRACTURE SURGERY – HOW ARE WE DOING AT OPTIMISING ANALGESIA FOR PATIENTS? [Chao-Ying KOWA](#) (London, United Kingdom), Simeon WEST
- Is occlusive wound dressing an adequate infectious barrier for ultrasound-guided interventional procedures? [Angela Lucia BALOCCO](#) (Genk, Belgium), Frédéric POLUS, Robbert BUCK, Jonas BRUGGEN, Isabelle LENDERS, Imré VAN HERREWEGHE, Sam VAN BOXSTAEL
- Low-cost phantom for ultrasound guided nerve block and vascular catheterization techniques. [Rodrigo FERREIRA](#), [Maria Margarida TELO](#) (Lisbon, Portugal), Maria Beatriz MAIO, Joana FIGUEIREDO
- Lower limb motor weakness and sensory loss following posterior quadratus lumborum block after kidney transplantation: a case report. [Kalliopi NEGROU](#) (Thessaloniki, Greece), Dimitrios ZAFEIRIADIS, Amar SALT, Donika ZAIMI, Eleni TSAKYRIDOU
- Multiple block analgesia for complicated shoulder surgery. [Prashanth PRABHU](#) (Bangalore, India), Vasudev PREETHAM, Poornashree G, Saranya NARAYANAN
- NERVE STIMULATION IN NERVE BLOCKS: A STILL USED TECHNIQUE, BUT INCREASINGLY RARELY. AN OPPORTUNITY TO REDUCE ENVIRONMENTAL IMPACT IN A TERTIARY CENTRE IN THE UK? [Benjamin KIDNER](#) (Nottingham, United Kingdom), Amr HASSAN, Daniel EL-DALIL
- Neuraxial ultrasound teaching programme. Dairshini SITHAMBARAM, [Tammar AL-ANI](#) (Glasgow, United Kingdom)
- Overcoming the Challenges of Regional Anaesthesia in Tanzania. [Kudakwashe MAWONDO](#) (Ashford, Kent, United Kingdom)
- Pain Management in Laparoscopic Abdominal Surgeries: A Meta-Analysis of Randomized Controlled Trials Comparing Erector Spinae Plane Block versus Posterior Quadratus Lumborum Block. [Marcela TATSCH TERRES](#), Lucas LEÃO BARRETO, Vitor TSUCHIYA SANO, Sara BALDÉ MONTEIRO, [Marcelo BANDEIRA DE MELLO](#) (Rio de Janeiro, Brazil), Maria Luísa ASSIS
- Pain Management In Nephrectomy: A Meta-Analysis of the Erector Spinae Plane Block versus Control in Randomized Controlled Trials. [Marcela TATSCH TERRES](#), Beatriz COCATO MALAGUTTI, [Carolina SOUSA DIAS](#) (Lisbon, Portugal), Maria Luísa ASSIS
- Parasternal plane block for the awake sternal surgery. [Tam AL-ANI](#) (Glasgow, United Kingdom), Jack HOLLINGHURST
- PENG BLOCK FOR SHOULDER SURGERY, CASE SERIES. [Funda ATAR](#) (Ankara, Turkey), Fatma ÖZKAN SIPAHIOĞLU
- Pericapsular nerve group block added to femoral and lateral femoral cutaneous nerve block used for positioning patients with hip fractures for spinal anaesthesia. [Tam AL-ANI](#) (Glasgow, United Kingdom), Laura INGLIS
- POCUS-detected recurrent laryngeal nerve block after interscalene block. [André FERREIRA](#) (Lisbon, Portugal), Luísa GAMA VIEIRA, Gonçalo ALMEIDA
- REAL TIME ULTRASOUND GUIDED RADIAL ARTERY CANNULATION: CASE REPORT SEQUENTIAL SHORT-AXIS OUT OF PLANE FOLLOWED BY LONG-AXIS IN-PLANE INSERTION USING A SELDINGER TECHNIQUE WITH VYGON. Alyssa Wan-Ling CHIEW, Joselo MACACHOR, [Gee Huey LEONG](#) (Singapore, Singapore)
- Regional anaesthesia resolved the problem and cancelled an elective surgery!!! [Poornashree G](#), [Prashanth PRABHU](#) (Bangalore, India), Anand VALU, Radhika DHANPAL, Saranya NARAYANAN
- REGIONAL ANESTHESIA FOR ADVANCED SKIN CANCER SURGERY AND FREE FLAP RECONSTRUCTION IN FRAGILE PATIENTS. Costa FABIO, [Alessandro RUGGIERO](#) (Rome, Italy), Giuseppe PASCARELLA, Luigi Maria REMORE, Stefania TENNA, Marco MORELLI COPPOLA, Laura PIERANTONI, Felice Eugenio AGRO
- REGIONAL ANESTHESIA FOR EMERGENCY SURGERY FOR CRITICALLY ILL ELDERLY PATIENT. CASE REPORT. [Ahmed BADAWY](#) (Abu Dhabi, United Arab Emirates), Ahmed A. EL MOTALIB
- Regional Anesthesia Improve The Postoperative Pain In Geriatric Age Group. [Hany HAGGAG](#) (Abu Dhabi, United Arab Emirates), Ahmed BADAWY
- Reviewing the application of Rib Fracture pain management policy in a District General Hospital. [Joby ABRAHAM MATHEW](#) (Liverpool, United Kingdom), Woei Lin YAP, Prashast VERGHESE, Laura BORROWMAN, Sushil PAL, Jennifer DODD
- Sacral ESP for pain management in transforaminal lumbar interbody fusion cases: a case series. [Anju GUPTA](#), [Anju GUPTA](#) (New Delhi, India), Sandeep DIWAN
- Safety and analgesic efficacy of ultrasound guided costo-transverse block in children undergoing open pyeloplasty : a case series. [Debesh BHOI](#) (NEW DELHI, India), Meenakshi SUNDHARESAN A
- SELECTIVE ANTERIOR SUPRASCAPULAR BLOCK AND COSTOCLAVICULAR BLOCK AS SOLE ANAESTHETIC FOR OPEN SHOULDER SURGERY. [Harshal WAGH](#) (mumbai, India), Akash CHAKRABARTI
- SENSORY BLOCK DYNAMICS OF A MULTI-LEVEL INTERTRANSVERSE PROCESS BLOCK AT THE RETRO-SCTL SPACE: A



"Saturday 09 September"

- CASE SERIES. [Ranjith Kumar SIVAKUMAR](#) (Hong Kong, Hong Kong), [Manoj Kumar KARMAKAR](#), [Cheuk Man CHEUNG](#)
- Serratus Posterior Superior Intercostal Plane Block for Minimal Access By-Pass Surgery: A Report of Three Cases. [Bora BILAL](#) (KAHRAMANMARAS, Turkey), [Serkan TULGAR](#), [Ali AHISKALIOĞLU](#), [Çiftçi BAHADIR](#), [Selçuk ALVER](#)
 - Sliding-window needle tracking in application to transversus abdominis plane block : A feasibility study. [Dongjoon KIM](#) (Gwangju, Korea), [Suhyung PARK](#)
 - Sonoclub: improving anaesthetists' ability to identify the key anatomy of the plan-a blocks. [Nicholas WESTON SMITH](#) (Swansea, United Kingdom), [Olivia WARD](#), [Stuart WADE](#)
 - SUCCESSFUL CARCINOLOGICAL BREAST SURGERY UNDER LOCO-REGIONAL ANESTHESIA (LRA) ONLY. WHEN AND HOW? (A CASE STUDY). [Widad HACINI](#) (alger, Algeria), [Nacera BENMOUHOUB](#)
 - Superior trunk block in anatomically variant brachial plexus. [Tam AL-ANI](#) (Glasgow, United Kingdom), [Karin BELCH](#)
 - The needle against the mass: Role of locoregional anesthesia in the management of surgical biopsies for mediastinal masses, A case report. [Anna MERLO](#) (Vicenza, Italy), [Marco COSCI](#), [Vinicio DANZI](#)
 - The paravertebral space: an unexpected disguise. [Bandopadhyay RAHUL](#), [Federico FEMIA](#), [Cheng ONG](#) (London, United Kingdom)
 - The Regional Anesthesia is an Effective Option in Cases with Osteogenesis Imperfecta. [Duygu AYGUN BIBER](#) (Ankara, Turkey), [Cerengül AKPINAR](#), [Ferid ABDULALİYEV](#), [Muhammet Baybars ATAÖĞLU](#), [Gözde INAN](#), [Gökçen EMEZ](#), [İrfan GÜNGÖR](#)
 - The use of posterior quadratus lumborum block in patients undergoing kidney transplantation. [Kalliopi NEGROU](#) (Thessaloniki, Greece), [Dimitrios ZAFEIRIADIS](#), [Amar SALTİ](#), [Donika ZAIMI](#), [Stella VASILEIADOU](#)
 - Ultrasound Guided Bilateral Parasternal Block as an Analgesic Technique in an Elderly Patient with Sternal Fracture. [Amina BENYUCEF](#) (Algeria, Algeria)
 - ULTRASOUND GUIDED ILIOINGUINAL AND ILIOHYPOGASTRIC NERVE BLOCK FOR AORTIC AND ILIAC ARTERY THROMBOEMBOLISM IN A HIGH-RISK PATIENT. [Nerea AZPIAZU LANDA](#) (BILBAO, Spain), [Naara CASAS MARTIN](#), [Pedro Jesús CERRILLO NAVARRETE](#), [Agustin Pedro GOMEZ MARTINEZ DE EULATE](#), [Marta LOPEZ MIGUELEZ](#), [Alberto MARTINEZ RUIZ](#)
 - Ultrasound guided regional anaesthesia in rural India: A boon for tiding over high risk trauma cases. [Aarushi JAIN](#) (Muzaffarnagar, India), [Balavenkatasubramanian JAGANNATHAN](#)
 - Ultrasound-Guided Superior and Middle Trunk Brachial Plexus Block with Superficial Cervical Plexus Block for Shoulder Surgeries in High-Risk Patients: Case Series. [Vinodha Devi VIJAYAKUMAR](#) (Thanjavur, Tamil Nadu, India), [Armanickam GANESAMOORTHY](#)
 - Use of perineural catheter for repeated surgical wound debridement in patient with congestive heart failure and recent covid pneumonia. [Jovana MARTINOSKI](#) (Belgrade, Serbia), [Tamara ZIVANOVIC](#), [Nikica STEFANOVIC](#), [Aleksandra ALEKSIC](#)

00:00 - 00:00

POSTER DISPLAYED Point-of-Care Ultrasound Use (PoCUS)

- AIRWAY ULTRASOUND FOR DIFFICULT AIRWAY MANAGEMENT; A CASE REPORT. [Sandra FERNANDEZ-CABALLERO](#) (MADRID, Spain)
- Development of an Institutional Guideline for Cleaning and Disinfection of Surface US Probes. [Adriana POSADA](#) (Boston, MA, USA), [Wilton LEVINE](#)
- Hypotension after cardiac surgery, using PoCUS to know which way to go. A double case report. [Violeta PÉREZ MARÍ](#) (Valencia, Spain), [Elvira PEREDA GONZALEZ](#), [Jose TATAY VIVO](#), [Alvaro CERVERA PUCHADES](#), [Carlos DELGADO NAVARRO](#), [Ferran MARQUES PEIRO](#), [Pablo SEGÚI BARBER](#), [Jose DE ANDRES IBÁÑEZ](#)
- Lung Ultrasound After Central Venous Catheter Cannulation: When There's More Than Air - A Case Report. [Noelia CARRILLO-ALFONSO](#) (Faro, Portugal), [Sérgio MENEZES PINA](#), [Joana LOPO](#), [Tânia CAPELAS](#), [Rita DOMINGOS](#), [João NUNES](#), [Ana Sara MONTEIRO](#), [Eva PATRICIA LIMA LOURENÇO](#)
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