

## Publication List:

### A. Peer Reviewed Publications (59)

#### Category 1: Original articles in "peer reviewed journals" (37, overall impact factor: 3.5)

Lucchinetti E, Ambrosio S, **Aguirre José**, Herrmann P, Härter L, Keel M, Meier T, Zaugg M

Sevoflurane inhalation at sedative concentrations provides endothelial protection against ischemia-reperfusion injury in humans.

Anesthesiology 2007; 106: 262-8

Impact factor (2018): 6.424

Lucchinetti E, **Aguirre José**, Feng J, Zhu M, Suter M, Spahn DR, Härter L, Zaugg M

Molecular evidence of late preconditioning after sevoflurane inhalation in healthy volunteers.

Anesth Analg 2007; 105: 629-40

Impact factor (2018): 3.489

Wacker J, Lucchinetti E, Jamnicki M, **Aguirre José**, Härter L, Keel M, Zaugg M

Delayed inhibition of agonist-induced granulocyte-platelet aggregation after low-dose sevoflurane inhalation in humans.

Anesth Analg 2008; 106: 1749-58

Impact factor (2018): 3.489

Fedder Caroline, Beck-Schimmer Beatrice, **Aguirre José**, Hasler Melanie, Roth-Z'graggen Birgit, Grätz Klaus, Borgeat Alain

In vitro exposure of human fibroblasts to local anesthetics is cytotoxic.

Clin Exp Immunol 2010; 162: 280-8

Impact factor (2018): 3.711

Borgeat Alain, **Aguirre José**, Michael Marquardt, Mrdjen Jelena, Blumenthal Stephan

Continuous interscalene analgesia with ropivacaine 0.2% versus ropivacaine 0.3% after open rotator cuff repair: the effects on postoperative analgesia and motor function.

Anesth Analg 2010; 111: 1543-7

Impact factor (2018): 3.489

Blumenthal Stephan, Borgeat Alain, Neudörfer Claudio, Bertolini R, Espinosa Norman, **Aguirre José**

Additional femoral catheter in combination with popliteal catheter for analgesia after major ankle surgery.

Br J Anesth 2011; 106: 387-93

Impact factor (2018): 6.199

**Aguirre José**, Baulig Barbara, Dora Claudio, Ekatothramis Georgios, Votta-Velis Gina, Ruland Philipp, Borgeat Alain

Continuous epicapsular ropivacaine 0.3% infusion after minimally invasive hip arthroplasty: a prospective, randomized, double-blinded, placebo-controlled study comparing continuous wound infusion with morphine patient-controlled analgesia.

Anesth Analg 2012; 114: 456-61

Impact factor (2018): 3.489

Borgeat Alain, Guzzella Sandra, Ruland Philipp, Votta-Velis Gina, **Aguirre José**

The deltoid and/or triceps response improves the success rate of the interscalene catheter compared to the biceps response.

Br J Anesth 2012; 109: 975-80

Impact factor (2018): 6.199

**Aguirre José**, Borgeat Alain, Trachsel Tina, Cobo del Prado Irina, De Andrés Ibáñez José, Bühler Philipp

Cerebral oxygenation during beach chair position in patients undergoing shoulder surgery in beach chair position: comparing general to regional anesthesia and the impact on neurobehavioral outcome.

Rev Esp Anesthesiol Reanim 2014; 61: 64-72

2018: SJR: 0.236; SNIP: 0.284

Saporito Andrea, Gianfranco J. Petri, Sturini Evelina, Borgeat Alain, **Aguirre José**

Safety and effectiveness of bilateral continuous sciatic nerve block for bilateral orthopaedic foot surgery – a cohort study.

Eur J Anaesthesiol 2014; 31: 620–625

Impact factor (2018): 4.140

Saporito Andrea, Sturini Evelina, Borgeat Alain, **Aguirre José**

The effect of continuous popliteal sciatic nerve block on unplanned postoperative visits and readmissions after foot surgery--a randomised, controlled study comparing day-care and inpatient management.

Anaesthesia 2014; 69: 1197-205

Impact factor (2018): 5.879

Werner Baulig, Keselj Marija; Guzzella Sandra, Baulig Barbara, Borgeat Alain, **Aguirre José**

Transcutaneous continuous carbon dioxide tension monitoring reduced incidence, degree and duration of hypercapnia during combined regional anaesthesia and monitored anaesthesia care in shoulder surgery patients.

J Clin Monit Comput 2015; 29: 499-507

Impact factor (2018): 2.179

**Aguirre José**, Borgeat Alain, Philipp Buehler, Mrdjen Jelena, Hardmeier Beat, Bonvini John

Intrathecal prilocaine 2% vs ropivacaine 0.4% for same day surgery.

Can J Anaesth 2015; 62: 1055-62

Impact factor (2018): 3.374

Wanivenhaus Florian, Tscholl PM, **Aguirre José**, Giger René, Fucentese Sandro.

Novel protocol for knee mobilization under femoral and sciatic nerve blocks for postoperative knee stiffness.

Orthopedics 2016; 39: 708-14

Impact factor (2018): 1.608

Saporito Andrea, Calciolari Stefano, Gonzalez Ortiz Laura, Borgeat Alain, **Aguirre José**

A cost analysis of orthopaedic foot surgery: can outpatient continuous regional analgesia provide the same standard of care for postoperative pain control at home without shifting costs?

Eur J Health Econ 2016; 17:951–961

Impact factor (2018): 2.169

Saporito Andrea, Petri John G, Anselmi Luciano, Borgeat Alain, **Aguirre José**

Can the choice of the local anesthetic have an impact on ambulatory surgery perioperative costs? Chloroprocaine for popliteal block in outpatient foot surgery.

J Clin Anesth 2016; 32: 119-26

Impact factor (2018): 3.542

**Aguirre José**, Borgeat Alain, Bühler Philipp, Hasler Melanie, Beck-Schimmer Beatrice, Bonvini John

Clinical concentrations of morphine are cytotoxic on proliferating human fibroblasts in vitro.

Eur J Anaesthesiol 2016; 33: 832–839

Impact factor (2018): 4.140

**Aguirre José**, Märzendorfer Olivia, Brada Muriel, Saporito Andrea, Borgeat Alain, Bühler Philipp

Cerebral oxygenation in the beach chair position for shoulder surgery in regional anesthesia: impact on cerebral blood flow and neurobehavioral outcome.

J Clin Anesth 2016; 35: 456-464

Impact factor (2018): 3.542

Wolf Lukas, **Aguirre José**, Vogt Christian Vogt, Keller Christian, Borgeat Alain, Bruppacher Heinz.

Transfer of skills and comparison of performance between King Vision® video laryngoscope and Macintosh blade following an AHA Airway Management Course.

BMC Anesthesiol 2017; 10; 17:5

Impact factor (2018): 1.619

Meyer Dominik, **Aguirre José**, Wieser Karl, Fucentese Sandro, Wirth Stephan, Gerber Christian

Intra-osseous Local Anesthetic Patellar Pain Catheter Suppresses Osteoarthritic Patello-Femoral Pain.

Knee 2017; 24:882-889

Impact factor (2018): 1.762

Blumenthal Stephan, Zbinden Reinhard, Mandic Sascha, Rüst Christoph Alexander, **Aguirre José**, Borgeat Alain

Influence of skin disinfection prior removal of perineural catheter on bacterial colonization, contamination and local inflammation: A prospective randomized study.

Minerva Anesthesiol 2018; 84:319-327

Impact factor (2018): 2.840

Ceruti Samuele, Anselmi Luciano, Minotti B, Franceschini D, **Aguirre José**, Borgeat Alain, Saporito Andrea

Prevention of Arterial Hypotension after Spinal Anaesthesia using Vena Cava Ultrasound to guide fluid management.

Br J Anesth 2018; 120: 101–108

Impact factor (2018): 6.199

Finsterwald Michael, Muster Marco, Farshad Mazda, Saporito Andrea, Brada Muriel, **Aguirre José**

Spinal Versus general anesthesia for lumbar spine surgery in high risk patients: perioperative hemodynamic stability, complications and costs.

J Clin Anesth 2018; 46:3-7

Impact factor (2018): 3.542

**Aguirre José**, Etzensperger Fabian, Brada Muriel, Guzzella Sandra, Saporito Andrea, Blumenthal Stephan, Bühler Philipp, Borgeat Alain

The beach chair position for shoulder surgery in intravenous general anesthesia and controlled hypotension: impact on cerebral oxygenation, cerebral blood flow and neurobehavioral outcome.

J Clin Anesth 2019; 53:40-48

Impact factor (2018): 3.542

Saporito Andrea, **Aguirre José**, Borgeat Alain, Perren Andreas, Anselmi Luciano, Sturini Evelina, Minotti Bruno, Cafarotti Stefano, La Regina Davide, Ceruti Samuele

Persistent post-discharge pain and chronic postoperative pain after breast cancer surgery under general anesthesia and single-shot paravertebral block: incidence, characteristics and impact on quality of life and healthcare costs.

Journal of Pain Research 2019; 12:1193-99

Impact factor (2018): 2.236

Bastian Kathleen, Buehler Philipp Karl, Slizyte Dovile, Rüst Christoph Alexander, Toff Katharina, Studer Wolfgang, Lecheler Leopold, **Aguirre José**, Siegemund Martin, Hollinger Alexa

A preoperative methadone single dose for moderate-to-severely painful surgery reduces postoperative morphine consumption.

Minerva Anesthesiol 2019; 85:1053-1061

Impact factor (2018): 2.840

González-Arnay Emilio, Jiménez-Sánchez Lorena, García-Simón Diego, Valdés-Vilches Luis, Salazar-Zamorano Carlos H, Boada-Pié Sergi, **Aguirre José**, Eichenberger Urs, Fajardo-Pérez Mario

Ultrasonography- guided anterior approach to the axillary nerve block: an anatomic study.

Clinical Anatomy 2020; 33:488-499

Impact factor (2018): 1.813

Kalimeris Konstantinos, Rupnik Barbara, Allenspach Kathrin, Fucentese Sandro, Götschi Tobias, **Aguirre José**, Eichenberger Urs

Dislocation rates of perineural catheters placed either perpendicular or parallel to the femoral nerve.

Eur J Anaesthesiol 2020; 37:758-764

Impact factor (2018): 4.140

Zipser Carl Moritz, Pfender Nikolai, Spirig Jose Miguel, Betz Michael, **Aguirre José**, Hupp Markus, Farshad Mazda, Curt Armin, Schubert Martin

Study protocol for an observational study of cerebrospinal fluid pressure in patients with degenerative cervical myelopathy undergoing surgical deCOMpression of the spinal CORD: the COMP-CORD study.

BMJ Open 2020; 10(9): e037332

Impact factor (2018): 2.496

Hecker Andreas, **Aguirre José**, Eichenberger Urs, Rosner Jan, Schubert Martin, Sutter Reto, Götschi Tobias, Wieser Karl, Bouaicha Samy

Deltoid muscle contribution to shoulder flexion and abduction strength – An experimental approach.

Journal of Shoulder and Elbow Surgery (JSES) 2021; 30(2): e60-e68

Impact factor (2018): 2.849

Zipser Carl Moritz, Spirig Jose Miguel, **Aguirre José**, Hofer Anna-Sophie, Pfender Nikolai, Hupp Markus, Curt Armin, Farshad Mazda, Schubert Martin

Safety and feasibility of lumbar CSF pressure and intra-spinal pressure studies in cervical stenosis: A case series.

Acta Neurochir Supplements Suppl 2021; 131:367-372

Impact factor (2018): 1.817

Betz Michael<sup>#</sup>, **Aguirre José**<sup>#</sup>, Schubert Martin, Götschi Tobias, Huber Barbara, Schüpbach Regula, Brada Muriel, Spirig José Miguel, Farshad Mazda

Hand or foot train-of -Four test and surgical site muscle relaxation assessed with multiple motor evoked potentials.

Eur J Anaesthesiol 2021; 38:872-879

Impact factor (2018): 4.140

Fernández Maite T, López Servando, **Aguirre José**, Andrés Judith, Ortigosa Esperanza

Serratus- Intercostal Intermuscular Plane Block in Supraumbilical Surgery: A Prospective Randomized Comparison.

Minerva Anesthesiol 2021; 87:165-173

Impact factor (2018): 2.840

**Aguirre José**<sup>#</sup>, Bonvini John Michael<sup>#</sup>, Rupnik Barbara, Camponovo Claudio, Saporito Andrea, Borgeat Alain

Inflammation reduces osteoblasts cytotoxicity induced by diclofenac: an in vitro study.

Eur J Anaesthesiol. 2021; 38(Suppl 1): S24-S32

Impact factor (2018): 4.140

Leitner Lorenz, Wanivenhaus Florian, Bachmann Lucas M, Liechti Martina D, **Aguirre José**, Farshad Mazda, Kessler Thomas M

Bladder management in patients undergoing spine surgery: An assessment of care delivery.

North American Spine Society Journal (NASSJ) Volume 6, June 2021

Impact factor (2020): -

Zipser Carl M, Pfender Nikolai, Kheram Najmeh, Boraschi Andrea, **Aguirre José**, Ulrich Nils H, Spirig José Miguel, Ansorge Alexandre, Betz Michael, Wanivenhaus Florian, Hupp Markus, Kurtcuoglu Vartan, Farshad Mazda, Curt, Schubert Martin  
 Intraoperative monitoring of CSF pressure in patients with degenerative cervical myelopathy (COMP-CORD Study): a prospective cohort study.  
 J Neurotrauma 2022; 39(3-4):300-310  
 Impact factor (2020): 5.269

Bonvini JM, **Aguirre José**, Mantel Roman, Camponovo Claudio, Rupnik Barbara, Saporito Andrea, Borgeat Alain  
 Local anesthetics impair in vitro growth of human osteoblasts: A laboratory investigation  
 SL Journal of Anesthesia & Critical Care; 2022; 5(1):123  
 Impact factor (2020): -

#Authors contributed equally to the manuscript and share first authorship

## **Category 2: Reviews / Meta-analysis (15):**

Borgeat Alain, **Aguirre José**  
 Sedation and regional anesthesia.  
 Curr Opin Anaesthesiol 2009; 22:678-82

**Aguirre José**, Borgeat Alain  
 Anesthesia for shoulder surgery.  
 Anesthesia International 2010; Autumn/Winter: 19-29

Borgeat Alain, **Aguirre José**  
 Update on local anesthetics.  
 Curr Opin Anesthesiol 2010; 23:466-71

Borgeat Alain, **Aguirre José**  
 Assessment and treatment of post block neurologic injury.  
 Anesthesiology Clinics of North America 2011; 29:243-56

**Aguirre José**, Del Moral Alicia, Lobo Irina, Borgeat Alain, Stephan Blumenthal  
 The role of continuous peripheral nerve blocks.  
 Anesthesiology Research and Practice Special Issue June 2012  
<http://www.hindawi.com/journals/arp/2012/560879/>

Votta-Velis Gina, Piegeler Tobias, Minshall R. David, **Aguirre José**, Beck-Schimmer Beatrice, Schwartz David, Borgeat Alain  
 Regional Anesthesia and cancer metastases: the Implication of local anesthetics.  
 Acta Anaesthesiologica Scandinavica 2013; 57:1211-29

**Aguirre José**, Lucchinetti Eliana, Clanachan Alexander S, Plane Frances, Zaugg Michael

Unravelling interactions between anesthetics and the endothelium: Update and novel insights.  
Anesth Analg 2016; 122:330-48

Borgeat Alain, Votta-Velis Gina, **Aguirre José**

Lidocaine: pain and inflammation.  
Le Praticien en Anesthésie Réanimation 2017; 21:29-35

Saporito Andrea, Anselmi Luciano, Sturini Eveline, Borgeat Alain, **Aguirre José**

Is outpatient continuous regional analgesia more effective and equally safe than single-shot peripheral nerve blocks after ambulatory orthopedic surgery? A systematic review of randomized, double-blinded, placebo-controlled trials.  
Minerva Anestesiologica 2017; 83:972-981

Borgeat Alain, Ofner Christian, Saporito Andrea, Farshad Mazda, **Aguirre José**

The effect of nonsteroidal anti-inflammatory drugs on bone healing in humans: A qualitative, systematic review.  
J Clin Anesth 2018; 49:92-100

Saporito Andrea, Ceppi Marcello, Perren Andreas, La Regina Davide, Cafarotti Stefano, Borgeat Alain, **Aguirre José**, Van De Velde Marc, Teunkens An

Does spinal chloroprocaine pharmacokinetic profile actually translate into a clinical advantage in terms of clinical outcomes when compared to low-dose spinal bupivacaine? A systematic review and meta-analysis.  
J Clin Anesth 2019; 52:99-104

Forget Patrice, **Aguirre José**, Bencic Ivanka, Borgeat Alain, Cama Alessandro, Condrón Claire, Eintrei Christina, Eroles Pilar, Gupta Anil, Hales Timothy, Ionescu Daniela, Johnson Mark, Kabata Pawel, Kirac Iva, Ma Daqing, Mokini Zhirajr, Guerrero Orriach Jose Luis, Retsky Michael, Sandrucci Sergio, Siekmann Wiebke, Stefančić Ijlja, Votta-Vellis Gina, Connolly Cara, Buggy Donal

How anaesthetic and analgesic techniques during cancer surgery might affect postoperative oncologic outcomes: A summary of current state of evidence.  
Cancers 2019; 28:11(5)

Bomberg Hagen, Lorenzana David, **Aguirre José**, Eichenberger Urs

Periphere Regionalanästhesie oder Allgemeinanästhesie - eine individuelle Risiko-Nutzen-Abwägung für den Patienten  
Peripheral Regional Anaesthesia for perioperative Analgesia  
Praxis 2021



**Aguirre José**, Wolmarans Morné, Borgeat Alain  
Acute Extremity Compartment Syndrome and (Regional) Anesthesia – the monster under the bed.  
Anesthesiology Clinics 2022; 40:491-509

Borgeat Alain, **Aguirre José**  
Impact of Local Anesthetics on Cancer Behavior and Outcome during the Perioperative Period: A Review  
Medicina (Kaunas) 2022; 30; 58(7):882

### **Category 3: Other publications**

#### **Editorials (1):**

Borgeat Alain, Rupnik Barbara, Saporito Andrea, Votta-Velis Gina, **Aguirre José**  
COVID-19: Understanding the physiopathology to target the therapy.  
Ann Clin Anesth Res 2020; 4(1): 1032

#### **Case reports (6):**

Borgeat A, **Aguirre José**  
Case scenario: neurological complication after continuous interscalene block.  
Anesthesiology 2010; 112:742-5

Saporito Andrea; Sturini Evelina, Petri John, Borgeat Alain, **Aguirre José**  
Case report: Unusual complication during outpatient continuous regional popliteal analgesia.  
Can J Anaesth. 2012; 59:958-62

**Aguirre José**, Gresch Daniela, Jost Bernhad, Borgeat Alain  
Case scenario: Compartment syndrome of the upper extremity after regional anesthesia.  
Anesthesiology 2013; 118:1198-205

**Aguirre José**, Mohajeri Minou, Rupnik Barbara, Brada Muriel, Roskopf Andrea B, Meyer Dominik C, Eichenberger Urs, Borgeat Alain  
Early recognition of a transient ischemic attack utilizing cerebral oxygenation monitoring during shoulder surgery in the beach chair position: a case report.  
A&A Practice 2019; 13:176-180

Osterc Tea, Rupnik Barbara, Roskopf Andrea B, Borgeat Alain, Eichenberger Urs, **Aguirre José**  
Ultrasound-guided infraclavicular brachial plexus catheter placement with unusual complication: a case report and literature-based statements how to ensure safe catheter placement  
A&A Practice 2022; 25;16(3):e01572022

Fernandez Maria T, **Aguirre José**, Lopez Servando  
 Quadratus Lumborum Block Type 2 In Chronic Hip Pain: A case series  
 A&A Practice, accepted November 2022

### **Acknowledgments for contribution to original articles in “peer reviewed journals”:**

D'Agostino G, Saporito A, Cecchinato V, Silvestri Y, Borgeat A, Anselmi L, Uguccioni M.

Lidocaine inhibits cytoskeletal remodelling and human breast cancer cell migration.

Br J Anesth 2018; 121:962-968

Impact factor (2018): 6.499

### **B. Not Peer Reviewed Publications**

#### **Book chapters (22):**

**Aguirre José**, Borgeat Alain

Bones and Joints. In: Handbook of Clinical Anaesthesia, 3<sup>rd</sup> Edition. Pollard B. (ed.), pp. 243-64, 2011; Hodder Arnold Publishers: Oxford

Borgeat Alain, **Aguirre José**

Unintended Destinations of Local Anesthetics. In: Complications in Regional Anesthesia and Pain Medicine, 2<sup>nd</sup> Edition. Neal J.M., James P. (eds.), pp. 196-204, 2012; Rathmell, LWW: Philadelphia

**Aguirre José**, Votta-Velis Gina, Borgeat Alain

Practical Pharmacology in Regional Anesthesia. In: Essentials of Regional Anesthesia, 1st Edition. Kayne A.D., Urman R.D., Vadivelu N. (eds.), pp. 121-156, 2012; Springer: New York

**Aguirre José**, Borgeat Alain

Drugs for thromboprophylaxis: unfractionned heparin, low molecular weight heparin, warfarin, fondaparinux. In: Thromboembolism in Orthopedic Surgery, 1st Edition. Llau J.V. (ed.), pp. 53-66, 2012; Springer: London

**Aguirre José**

Only Regional Anaesthesia for Total Knee Replacement? In: Puesta al día en anestesia regional y tratamiento del dolor, Volumen XVI. Ibañez J.D.A. (ed.), pp. 78-87, 2013; MRA ediciones: Barcelona

**Aguirre José**

Brain Oxygenation and Cerebral Function in Shoulder Surgery. In: Puesta al día en anestesia regional y tratamiento del dolor, Volumen XVI. Ibañez J.D.A. (ed.), pp. 308-3016, 2013; MRA ediciones: Barcelona

**Aguirre José**

Intraoperative autologous blood salvatge: efficacy, safety and cost. In: Puesta al día en anestesia regional y tratamiento del dolor, Volumen XVI. Ibañez J.D.A. (ed.), pp. 357-364, 2013; MRA ediciones: Barcelona

**Aguirre José**

Heavy prilocaine in clinical practice. In: Puesta al día en anestesia regional y tratamiento del dolor, Volumen XVI. Ibañez J.D.A. (ed.), pp. 501-508, 2013; MRA ediciones: Barcelona

**Aguirre José**

Postoperative management and pain-control. Spinal Disorders. Fundamentals of Diagnosis and Treatment. In: European Spine Journal (ESJ) 2016; Boos N., Aebi M. (ed.), ESJ's Open Operating Theater Series (www.oot-esj.com)

**Aguirre José**

Perioperative management. Fundamentals of Diagnosis and Treatment. In: European Spine Journal (ESJ) 2016; Boos N., Aebi M. (ed.), ESJ's Open Operating Theater Series (www.oot-esj.com)

**Aguirre José**

Preoperative assessment. Spinal Disorders. Fundamentals of Diagnosis and Treatment. In: European Spine Journal (ESJ) 2016; Boos N., Aebi M. (ed.), ESJ's Open Operating Theater Series (www.oot-esj.com)

**Borgeat Alain, Votta-Velis Gina, Aguirre José**

Local anesthetics, regional anesthesia and cancer recurrence. In: NYSORA Textbook of Regional Anesthesia and Acute Pain Management, 2<sup>nd</sup> Edition. Hadzic A (ed.), pp. 252-265, 2016; McGraw-Hill Education, LLC: New York

**Aguirre José, Kammerlander Christian**

Regional anesthesia in geriatric patients. In: Regional Anaesthesia: From Anatomy to Clinical Practice. Arthur Atchabahian, Georg Feigl, Philipp Lirk (ed.), Cambridge University Press (2019: in Press)

**Aguirre José**

The role of regional anesthesia (RA) in patients at risk for acute compartment syndrome (ACS). In J. De Andrés (editor). Update on Regional Anesthesia and Pain management. Vol XXI. ISSN 1578-5580. Barcelona. Editorial MRA; 2018. p.405- 431

**Aguirre José, Rupnik Barbara**

The role of hypotension on cerebral oxygenation (rScO<sub>2</sub>) during shoulder arthroscopy in the beach chair position). In J. De Andrés (editor). Update on Regional Anesthesia and Pain management. Vol XXII. Barcelona. Editorial MRA; 2019

**Aguirre José, Rupnik Barbara**

Peripheral Regional Anaesthesia for high risk Patients: Immunosuppressed patients. In J. De Andrés (editor). Update on Regional Anesthesia and Pain management. Vol XXII. Barcelona. Editorial MRA; 2019

**Aguirre José, Rupnik Barbara**

Peripheral Regional Anaesthesia for high risk Patients: Patients with genetic diseases. In J. De Andrés (editor). Update on Regional Anesthesia and Pain management. Vol XXII. Barcelona. Editorial MRA; 2019

**Aguirre José, Rupnik Barbara, Kalimeris Konstantinos**

I want the expert's opinion: Analgesia after rib fractures. In J. De Andrés (editor). Update on Regional Anesthesia and Pain management. Vol XXII. Barcelona. Editorial MRA; 2020

**Aguirre José, Kalimeris Konstantinos, Rupnik Barbara**

Tips and Tricks from the expert for regional anesthesia practice: Intralipid to limit secondary effects of high blocks or prolonged block duration?

In J. De Andrés (editor). Update on Regional Anesthesia and Pain management. Vol XXII. Barcelona. Editorial MRA; 2020

**Aguirre José, Rupnik Barbara, Kalimeris Konstantinos**

Tips and Tricks from the expert for regional anesthesia practice: Optimization of spinal block in the ambulatory setting. In J. De Andrés (editor). Update on Regional Anesthesia and Pain management. Vol XXII. Barcelona. Editorial MRA; 2020

**Aguirre José, Rupnik Barbara, Alain Borgeat**

Immunity, cancer and cancer recurrence when we apply regional anaesthesia. Where are we? In J. De Andrés (editor). Update on Regional Anesthesia and Pain management. Vol XXII. Barcelona. Editorial MRA; 2021

**Aguirre José, Rupnik Barbara, Kalimeris Konstantinos, Alain Borgeat**

IV lidocaine in the treatment of acute postoperative and in chronic pain. Drugs, when, how and where? In J. De Andrés (editor). Update on Regional Anesthesia and Pain management. Vol XXII. Barcelona. Editorial MRA; 2021

**Abstracts (13):**

**Aguirre J**, Borgeat A, Hasler M, Fedder C, Beck-Schimmer B

In Vitro Exposure of Human Fibroblasts and Osteoblasts to Diclofenac and Ketorolac Is Cytotoxic. *Anesthesiology* 2010; A616

**Aguirre J**, Votta-Velis G, Khatri KK, Hu G, Voigtsberger S, Beck-Schimmer B, Schwartz D, Borgeat A

Ropivacaine Protects Against Ventilator-Induced Pulmonary Capillary Leak. *Swiss Medical Weekly* 2010; 140:S2

**Aguirre J**, Borgeat A, Hasler M, Fedder C, Beck-Schimmer B

In vitro exposure of human fibroblasts and human osteoblasts to the NSAIDs diclofenac and ketorolac is cytotoxic. *Swiss Medical Weekly* 2010; 140: S3

Schlicker A, Fedder C, **Aguirre J**, Borgeat A, Beck-Schimmer B

Effects of local anesthetics on fibroblasts. *Swiss Medical Weekly* 2010; 140: S12

Schuler R, Urner M, **Aguirre J**, Hasler M, Borgeat A, Beck-Schimmer B

Effect of local anaesthetics on osteoblasts. *Swiss Medical Weekly* 2009; 139: S3

**Aguirre J**, Borgeat A, Hasler M, Fedder C, Beck-Schimmer B

In vitro exposure of human fibroblasts and osteoblasts to diclofenac is cytotoxic at clinically used concentrations. *Swiss Medical Weekly* 2009; 139: S4

**Aguirre J**, Votta-Velis G, Beck-Schimmer B, Koshy R, Castellon M, Schwartz DE, Minshall RD, Borgeat A

ICAM-1 independent anti-inflammatory effect of ropivacaine in the double-hit mouse model of acute inflammation. *Swiss Medical Weekly* 2009; 139: S4

Blumenthal S, **Aguirre J**, Marquardt M, Mrdjen J, Borgeat A

Continuous interscalene analgesia with ropivacaine 0.2% versus ropivacaine 0.3% following open rotator cuff repair: effects on postoperative analgesia and motor function. *Swiss Medical Weekly* 2009; 139: S5

Schaerer H, **Aguirre J**, Ruland P, Risch M, Ekatodramis G, Borgeat A

Hysterical paralysis after infraclavicular catheter placement for hand surgery: a case report and a review of the literature. *Swiss Medical Weekly* 2009; 139: S10

Ekatodramis G, **Aguirre J**, Ruland P, Risch M, Borgeat A

Epidural anesthesia with ropivacaine 1% for major foot and ankle surgery. *Swiss Medical Weekly* 2009; 139: S12

**Aguirre J**, Neudoerfer C, Jutzi H, Schultz C, Kalberer F, Dora C, Borgeat A  
Continuous epicapsular ropivacaine 0.3% infusion after minimal invasive hip replacement. A prospective, randomised, double-blind study comparing the PAINfusor with morphine-PCA. *Swiss Medical Weekly* 2008; 138:S12

Blumenthal S, **Aguirre J**, Borgeat A  
Influence of elicited muscle twitches on interscalene catheter success rate. *Regional Anesthesia and Pain Medicine* 2007; 32:2

Blumenthal S, **Aguirre J**, Marquardt M, Vienne P, Borgeat A  
Combined continuous popliteal and femoral nerve block after major ankle surgery. *Regional Anesthesia and Pain Medicine* 2007; 32:100

### **Letters to the Editor (23):**

Fernández Martín MT, Ortigosa E, **Aguirre J**  
The posterior quadratus lumborum block in chronic hip pain: preliminary results from a prospective study. *Minerva Anestesiologica* 2022 (accepted 09)

**Aguirre J**, Perniola L, Borgeat A  
Ultrasound-guided evaluation of the local anesthetic spread parameters required for a rapid surgical popliteal sciatic nerve block. *Reg Anesth Pain Med* 2011; 36:308-9

Perniola L, Risch M, Ekatodramis G, **Aguirre J**, Borgeat A  
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Lukac Daniel (2019)

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