

**Scientific Abstracts**  
*from the 21st Annual Pain Medicine Meeting*  
*November 17-19, 2022*  
*Orlando, FL*

<b>Acute Pain</b>	
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3374	<b>Accuracy of Anatomically-Guided Glenohumeral Joint Injections Using the Glenohumeral Acromioclavicular Portal Technique</b> Majaliwa Mzombwe, Alex Cole, Javier Santana De Los Santos, Doug Broadfield, Timothy Tiu <i>University of Miami Miller School of Medicine, Miami, FL</i>
3393	<b>Implementing Acupuncture Treatment as an Analgesia Strategy for Painful Conditions in a Busy Urban Emergency Department</b> Emily Zhao, Lisa Seaman, Mark Mycyk, Frank Yurasek, Ben Nguyen <i>Cook County Health, Chicago, IL</i>
3398	<b>The Use of Patient-Controlled Epidural Analgesia on Pain Reduction During Labor in a Hospital in Southwestern Colombia</b> Fabian Camilo Dorado Velasco, Daniela Franco Ramirez, Akemi Arango <i>Fundacion Valle del Lili, Cali, Colombia</i>
3466	<b>Utilizing Quick Response (QR) Codes and Uniform Resource Locator (URL) Links in Printed Discharge Instruction</b> Jawad Arshad, Robert Shrake, Dr Jessica Oswald <i>Kaiser Permanente Southern California, San Diego, CA</i>
3621	<b>Opioid Prescription and Consumption Following Major Joint Replacement Surgery</b> Anne-Sireedhorn Assavanop, Rachel Chin, Sarah Tierney, Yasmine Hoydonckx, Sanjho Srikandharajah, Jamal Kara, Kawalpreet Singh, Vincent Chan, Anuj Bhatia <i>University Health Network - Toronto Western Hospital, Toronto, Canada</i>
3636	<b>Exploration of Barriers to Widespread Implementation of Subanesthetic Ketamine Infusions Within Acute Pain Services Across the US</b> Siyun "Sisi" Xie, Dalton Amador, Stewart Glenister, Isabel Obias, Fernando Alquicira-Macedo, Kellie Jaremko <i>University of Texas Medical Branch, Galveston, TX</i>
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3744	<b>Thoracolumbar Interspinal Plane (TLIP) Block for Postoperative Analgesia in Lumbar Discectomy Surgery: A Systematic Review</b> Sandy Theresia, Aida Rosita Tantri, Riyadh Firdaus <i>Universitas Indonesia, Jakarta, Indonesia</i>
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3773	<b>Evaluation of In-Clinic Versus Daily AT-Home Pain Reports in Subjects Undergoing a Commercial Spinal Cord Stimulation Trial</b> Leonardo Kapural, John Hatheway, Sean Li, Denis Patterson, Steven Rosen, Corey Hunter, Michael Fishman, Kasra Amirdelfan <i>Carolinas Pain Institute/Chronic Pain Research Institute, Winston Salem, NC</i>
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3787	<b>A Prospective Multi-Center Study of a Reduced-Energy Dtm Stimulation Derivative: Long-Term Outcomes in Therapy Naïve Patients</b> David Provenzano, Jeffrey Peacock, Michael Fishman, Kasra Amirdelfan, Todd Bromberg, Todd Schmidt, Thomas White, Prabhdeep Grewal, Rafael Justiz, Aaron Calodney, Amr El-Naggar, Binit Shah, Michael Esposito, Kliment Gatzinsky, Jan Willem Kallewaard, Kate Noel, Andrew Cleland, Lachlan Davies, Maddie LaRue, Celeste Porritt <i>Medtronic, Minneapolis, MN</i>
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3795	<b>Design and Implementation of a Virtual Guide for Patients on Their Journey Through Spinal Cord Stimulation Therapy</b> Nandan Lad, Rajeev Dharmapurikar, Rupinder Bharmi, Charisma Kumar, Krishnan V. Chakravarthy <i>Medtronic, Medtronic Neuromodulation, Minnesota, MN</i>
3805	<b>Spinal Cord Stimulation for Painful Diabetic Peripheral Neuropathy: A Meta-Analysis Contributing to Level 1A Evidence</b> Maddie LaRue, Michael Fishman, Brooke Kelley, Rachel Slangen, Paola Di Stefano, Lachlan Davies <i>Medtronic, Minneapolis, MN</i>
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3817	<b>Pain Outcomes for Patients Receiving One vs. Two Medial Branch Blocks Before Radiofrequency Ablation for Facet-Mediated Back Pain</b> Joshua B. Cadwell, Mina A. Gaballa, Shivam Patel, Patrick Hesketh, Shona Jain, Adejuyigbe Adaralegbe, Steven Char, Andrew G. Kaufman <i>Department of Anesthesiology, Division of Pain Management, Rutgers New Jersey Medical School, Newark, NJ</i>
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3836	<b>Comparison of Efficacy and Safety of Lumbar Facet Joint Injections with Or Without Contrast</b> Paige Schroder, Francisco Irizarry, Amandiy Liwo, Alethia Sellers, Dustin Duracher, Prentiss Lawson, Jr. <i>University of Alabama at Birmingham, Birmingham, AL</i>

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3649	<b>Effects of Virtual Reality During Interventional Spine Procedures</b> Derek A Fitzgerald, Amit Sharma, Mehul Desai <i>Georgetown/Medstar, Washington DC</i>
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3706	<b>Liposomal Bupivacaine has Superior Pain Control to Bupivacaine with Adjuncts in Interscalene Blocks for Total Shoulder Replacement</b> Kevin Finkel, Aseel Walker, Carla Maffeo-Mitchell, Pranjali Kainkaryam, Jennifer Sposito, Emily Shearier, Ilene Staff, Theodore Blaine, Durgesh Nagarkatti <i>Integrated Anesthesia Associates, Hartford, CT</i>
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3771	<b>Ultrasound Guided Genicular Nerve Blocks with Adductor Canal Block for Knee Arthroscopy Surgery: A Case Series</b> Vivek Varma, Vendhan Ramanujam <i>Lifespan Hospital System/Brown University, Providence, RI</i>
3803	<b>Erector Spinae Plane (ESP) Block for Postoperative Analgesia After Total Mastectomy</b> Paula Igwe, Jessy Kurian, Keyuri Papat, Sarah Lumsden, Andrzej Kwater, Shanon Hancher-Hodges, Antoinette VanMeter, Acsa Zavala, Semhar Ghebremichael, Hart Donahue, Uduak Williams <i>UT MD Anderson Cancer Center, Houston, TX</i>
3806	<b>Pecto-Intercostal Fascia Plane Blocks as an Adjunct to Enhanced Recovery Protocol for Repair of Congenital Heart Disease</b> Mattew Kiberd, Osama Al-Nasser, Averie DePalma, kenny Wong, David Horne <i>Dalhousie University, Halifax, Canada</i>
3855	<b>Erector Spinae Plane Catheters for Pain Control in Open Abdominal Surgery with Extreme Scoliosis</b> Amber Quintana, Mariana Montes, Miguel Prada, Chyongjy Liu <i>Texas Children's Hospital, Houston, TX</i>

3875	<b>Transversus Thoracic Plane and Pecto-Fascial Plane Blocks to Reduce Opioid Use Following Sternotomy</b> Sal Yulaman, Leonard Wang, Sebastian Thomas <i>SUNY Upstate, New York, NY</i>
3922	<b>Race, Sex, Insurance Status, ASA Classification and Training Hospital Status Predict the Receipt of Regional Anesthesia</b> Alexander Beletsky, Mahesh Desilva, Nutan Winston, Rodney Gabriel, Jonathan Shen <i>Riverside Community Hospital, Riverside, CA</i>
3931	<b>Differences in Regional Anesthesia Utilization by Hospital Region in the United States</b> Alexander Beletsky, Mahesh Desilva, Nutan Winston, Rodney Gabriel, Jonathan Shen <i>Riverside Community Hospital, Riverside, CA</i>
3952	<b>Regional Analgesia Techniques for Lumbar Spine Surgery: A Frequentist Network Meta-Analysis</b> Boohwi Hong, Sujin Baek, Hyemin Kang, Chahyun Oh, Yumin Jo, Soomin Lee, Seyeon Park <i>Chungnam National University Hospital, Daejeon, Korea</i>
3964	<b>Effects of Opioid Free Epidural Analgesia on Duration of Adverse Outcomes During Labor</b> Hiram Acevedo Bonilla, Ankith Reddy, Kush Brahmabhatt, Michelle Simon, Michael Kinsky, Rakesh Vadhera, Rovnat Babazade <i>University of Texas Medical Branch, Department of Anesthesiology, Galveston, TX</i>