

61st Annual

Western Anesthesia Resident's Conference WARC 2024

May 3-4, 2024

The Beckman Center
Irvine, California

warc2024.anesthesiology.uci.edu

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Welcome

Welcome to the 61st Annual Western Anesthesia Resident's Conference

This program provides you with all the essential information to make the most of your conference experience. You will find the complete schedule of events, including the times and locations of all oral and poster presentation sessions.

Thank you for coming to WARC 2024 – we are excited to see you!

Conference Information

Shuttle Service



Complimentary shuttle transportation will be available between the Renaissance Newport Beach Hotel and The Beckman Center. The shuttle pick-up area at the Renaissance Newport Beach Hotel will be located in the front entrance of the hotel near the valet booth.

Connect to WiFi



Open any web browser and go to www.nas.edu (this may pop up automatically). When the login page appears, click ACCESS INTERNET.

You can also select the VISITOR network from your list of available wireless networks and click connect.

| Service Dates | Time |
|-----------------|--|
| Friday, May 3 | 4:30 p.m. to 8:30 p.m. |
| Saturday, May 4 | 6:30 a.m. to 8:30 a.m. 4:00 p.m. to 6:30 p.m. |

Keynote Speaker



Davinder Ramsingh, MD
Vice President Clinical Research
and Development,
Butterfly Network, Inc.
Professor, Anesthesiology,
Loma Linda University

Davinder Ramsingh, MD is the Vice President of Clinical Research and Development for the Butterfly Network, Inc. and Professor of Anesthesiology at Loma Linda University. Dr. Ramsingh has been in academic medicine and healthcare leadership for over 15 years. He has been instrumental in advancing the use of ultrasound in perioperative care, as well as contributing to education and medical device innovation. Dr Ramsingh has led over 60 global evidence-generation projects that have contributed to numerous medical device regulatory submissions worldwide. He is also at the forefront of development efforts related to ultrasound, hemodynamic sensors, and AI in medical imaging and has made many scholarly contributions in these areas.

Dr. Ramsingh has been honored with several academic titles and has developed the first comprehensive point-of-care ultrasound curriculum for anesthesiology residents in the United States. He is a distinguished member of the American Society of Anesthesiologists and serves on various editorial boards. Dr. Ramsingh has received multiple awards and recognition for his teaching, leadership, and commitment to patient safety. His passion remains to change healthcare delivery through the adoption of technology.



UC Irvine Campus with snow-capped
San Gabriel mountains forming a backdrop.

WARC 2025

University of Utah will host the 62nd Annual Western Anesthesia Resident's Conference
in Salt Lake City, Utah, May 17-18, 2025

SAVE THE DATE

WARC 2025

MAY 17-18 | HYATT REGENCY | SALT LAKE CITY, UTAH

Hosted by the University of Utah Department of Anesthesiology, Perioperative and Pain Medicine

HEALTH
UNIVERSITY OF UTAH

LEARN MORE

Future Hosting Institutions

2026 UC Davis

2027 Virginia Mason

2028 Loma Linda University

2029 USC

2030 University of Arizona
College of Medicine - Tuscon

2031 UCLA

2032 University of New Mexico

2033 Cedars-Sinai

2034 University of Washington

2035 UCSF

2036 OHSU

2037 UC San Diego

2038 University of Colorado

2039 Stanford University

2040 Harbor-UCLA

Program Agenda

Friday, May 3

| | | |
|------------------|--------------------------------------|----------------------|
| 4:30 - 8:00 p.m. | Registration | |
| 4:30 - 6:00 p.m. | Visit Exhibits | |
| 6:00 - 8:00 p.m. | Opening Remarks | Auditorium |
| | Reception with hors d'oeuvres | Atrium and Courtyard |
| 8:00 p.m. | Adjourn | |

Saturday, May 4

| | | |
|-------------------------|--|---|
| 7:00 a.m. | Registration Breakfast Visit Exhibits | |
| 8:00 - 8:50 a.m. | Edmund "Ted" Eger, MD Memorial Lecture Keynote Speaker: Davinder Ramsingh, MD | |
| 9:00 - 10:30 a.m. | Oral Presentations - Session 1 Poster Presentations - Session 1A and Session 1B | |
| 10:30 a.m. | Refreshment Break Visit Exhibits | |
| 11:00 a.m. - 12:00 p.m. | Oral Presentations - Session 2 Poster Presentations - Session 1C | |
| 12:00 - 1:00 p.m. | Lunch Visit Exhibits | General: Dining Room Chair: Board Room Program Director: Executive Dining Room Chief Resident: Balboa Room |
| 1:00 - 2:30 p.m. | Oral Presentations - Session 3 Poster Presentations - Session 2A and Session 2B | |
| 2:45 - 3:15 p.m. | Battle of the Programs | Auditorium |
| 3:15 - 4:15 p.m. | Awards Closing Remarks | Auditorium |
| 4:15 p.m. | Reception with hors d'oeuvres | Atrium and Courtyard |
| 5:30 p.m. | Adjourn | |

Oral Presentations - Session 1

9:00 - 10:30 a.m.

Location: Auditorium

The Opioid Crisis on The Road: Examining State Laws on Drug-Impaired Driving and Implications for Physician Liability

Colin Kirsch

Creighton University School of Medicine

Complex Anesthetic Management of Urgent Cesarean Delivery in Eisenmenger Syndrome: A Case Report

Sydney Davis

Loma Linda University

Use of Low Dose Naltrexone in the Treatment of Fibromyalgia Pain and Amenorrhea: A Case Report

Sami Strutner

UCI

Management of a Vein of Galen Defect: A Sanguine Defect

Richard Wells

UCI

Discussion of regional anesthesia options for Dega Pelvic Osteotomy in a Pediatric Patient with Complex Neurological Issues

Amanda Li

UNM School of Medicine

Association of premedication in frail older adults undergoing neuraxial procedures and post-operative delirium

James Elkins

UC Riverside

9:00 - 10:30 a.m.

Location: Huntington Room

Dexmedetomidine to Potentiate Epidural Analgesia During the Second Stage of Labor: A Case Report

Trinith Radhakrishnan

UC Riverside

Gastric Ultrasound as an Educational Tool

Ashley Yang

Rocky Vista University

PeriOperative Fitness: A Proposed Holistic Assessment for Surgical Candidacy Moving Away From "Sick or Not Sick"

Fadi Dahoud

UCLA

Midbrain Neurons Expressing the Mu-Opioid Receptor Coordinate Defensive Responses to Pain in Mice

Eileen Nguyen

UCLA

A Retrospective Analysis Identifying Risk Factors Associated with Mortality in Adult Trauma Patients Receiving Ultra Massive Transfusion and Undergoing Surgery Within 24 Hours of Admission

Frank Major

USC

Oral Presentations - Session 2

11:00 a.m. - 12:00 p.m.

Location: Auditorium

Evaluating Pain Management in Anterior Rib Fractures: A Retrospective Comparison of ESP and PVB Blocks

Sehra Rahmany

University of Arizona

Racial Based Disparities in Timeliness of Life Saving Interventions and Discharge Disposition Among Severe Trauma Patients

Sana Rukh

University of Arizona College of Medicine-Tucson

DRG stimulator as a rescue therapy to dorsal column stimulation for the treatment of complex regional pain syndrome in a quadrimembral congenital amputee

Christian Daahir

University of Arizona

Anesthetic Considerations of Rattlesnake Venom Induced Compartment Syndrome

William Mao

UC Riverside

11:00 a.m. - 12:00 p.m.

Location: Huntington Room

An Improved Statistical Method for Comparison of Measurement of Cardiac Output Trending

Ishita Srivastava

UC Berkeley

Factors Influencing the Decision to Pursue Fellowship: A Survey of Anesthesiology Residents

Isabella Bourn

Loma Linda University

Pre-induction Veno-Venous ECMO for a Mediastinal Mass Causing Severe Tracheal Stenosis: A Case Report

Brooks Johnson

Mayo Clinic Arizona

Remimazolam as a superior alternative to propofol for induction of general anesthesia in acute RV failure: a case study

Charis Wang

Mayo Clinic Alix School of Medicine

Oral Presentations - Session 3

1:00 - 2:30 p.m.

Location: Huntington Room

Rates of Abnormal Cognitive Screens in End Stage Renal Disease Patients

Leslie Wann
Hofstra University

Anesthesia trauma guidelines: A systematic review of accessibility and availability

Noah LaBelle
University of Colorado

Kommerell's Diverticulum: A Case Study to Explore the Role of Augmented Reality to Enhance Applied Anatomy Education in Anesthesiology

Laurence Henson
University of Washington

Blood Count Based-Biomarkers in Total Joint Arthroplasty: A Summary of Findings From 2023

Ian Jones
University of Washington

The Management of a Laryngocele Causing Acute Airway Obstruction with a Ball Valve Effect: A Case Report

Viliani Tillage
Drexel University College of Medicine

Perioperative Dexamethasone in Diabetic Patients: A Systematic Review and Meta-Analysis of Randomized, Placebo-Controlled Trials

Ian Jones
University of Washington

1:00 - 2:30 p.m.

Location: Auditorium

Teaching patient safety through simulation: The "OR of horrors" as an education tool for anesthesiology residents

Sumedha Attanti
Mayo Clinic Alix School of Medicine

Should Sugammadex Have a Role in Enhanced Recovery Protocols for Patients Undergoing Colorectal Surgery?

Jourdan Broadfoot
Mayo Clinic Arizona

Impact of Telemedicine on Patient-Centered Outcomes in Pediatric Critical Care: A Systematic Review

Devon O'Brien
USC

Tamponade versus lunch: a case of emergent tamponade in the setting of recent large meal

Claire Lu
University of Utah

Anterior Mediastinal Mass with Severe Aortic Stenosis

Flora Liu
University of Utah

Poster Presentations - Session 1A

9:00 - 9:40 a.m.

Location: Courtyard

Neuraxial and Anesthetic Considerations for Patient with Osteochondrodysplasia

Philip Cheng
Cedars-Sinai Medical Center

Mucus Plug Obstructing Endotracheal Tube in Prone Position During Surgery

Andrew Burns
Cedars-Sinai Medical Center

Awake Intubation in Pierre Robin Sequence

Julie Nam
UC Davis

Single Ventricle Physiology and Obstetric Anesthesia

Ashley Su
UCI

Intrathecal Baclofen Pump in Pregnancy: Case Report, Literature Review, and Management Considerations

Kevin Yang
USC

Management of an Unanticipated Perioperative Seizure

Bianca Rich
University of Utah

Pacing Yet Pulseless- Pacemaker-Mediated Tachycardia Under Anesthesia

Shafeen Qazi
UCI

Left Anterior Descending Artery Occlusion Causing Refractory Postoperative Ventricular Tachycardia After Left Ventricular Assist Device Implantation

Vinh Nguyen
UCI

Reducing the burn: pH titration of 1.5% and 2.0% lidocaine with 1:200,000 epinephrine using sodium bicarbonate

David Chen
Stanford University

Using Generative Artificial Intelligence for Improving Readability of Patient Facing Interventional Pain Educational Materials for DRG stimulation

Mohan Ravi
Stanford University

Opioid sparing pain regimen in pediatric burn: A Retrospective Study

Vicki Wang
UCI

Caseous Calcification of the Mitral Annulus in Female with End Stage Renal Disease

Carly Heffernan
UCI

Transitioning an Intrathecal Hydromorphone Pump to Buprenorphine in a Patient who Developed Opioid Use Disorder

Joshua Hardy
Virginia Mason

A Multidisciplinary Perioperative Approach to a Complex Pediatric Patient with Mitochondrial Disorder

Eric Do
UCI

Barotrauma with the truFreeze Cryotherapy System

Joseph Choy
UCI

Anesthetic Management of a Parturient with Severe Idiopathic Pulmonary Arterial Hypertension Undergoing Emergent Cesarean Delivery

Steven Chen
UC San Diego

Difficult intubation in a medically complex patient with chin-on-chest deformity

Austin Eells
Mayo Clinic Arizona

HeartMate 3 Left Ventricular Assist Device Extraluminal Outflow Graft Obstruction Requiring Device Exchange

Alexander Roesler
Mayo Clinic Arizona

Fulminant Myocarditis Failing Mechanical Circulatory Support Due to Multiple Organ Dysfunction in the Setting of COVID-19 Exacerbation

Brian Hanst
UCI

Management of Munchausen Syndrome Under Anesthesia and Upon Emergence

Melissa Allison
UCI

Poster Presentations - Session 1A

9:00 - 9:40 a.m.

Location: Lawn

Endotracheal Tube Kinking in Prone Position - What Can Be Done?

Ryan Boehm
University of Washington

Strengthening Mentorship in Junior Anesthesiology Residents
Alexander Haroldson

University of Washington

Hips Don't Lie: Atypical Pain from Peripartum Pubic Symphysis Diastasis

Joshua Lum
Loma Linda University

Glucose-6-Phosphate Dehydrogenase Deficiency in the Setting of Cardiac Surgery

Seth White
Loma Linda University

Waking Up is Never Easy- A Case Report of Delayed Awakening

Mei Pang
UCSF

Recognition and Management of Anaphylaxis Complicated by PEA Arrest During Monitored Anesthesia Care

Linsey Wilson
UCSF

A Case for Perioperative Surgical Home Evaluation and Monitored Anesthesia Care for an Obstetric Patient with Spina Bifida

Nirav Patel
Touro University California

Traumatic Fat Embolism & Recurrent Arrhythmia in an Elderly Orthopedic Trauma

Alexander Nemirov
Loma Linda University

Visualizing and Understanding Medicare Reimbursement Trends for Common Peripheral Nerve Blocks

Caleb Ting
UC Riverside

Significance of a Pedunculated Cardiac Mass in a Patient with Acute Limb Ischemia: A Case Report

Chris Mehdizadeh
UC Riverside

Functional genomic and cell biological interrogation of neurodegenerative and neuroinflammatory reactive astrocytes

Kun Leng
UCSF

Early-life spike in protein translation drives aging via juvenile hormone/germline stem cell signaling

Harper Kim
UCSF

Pediatric Postoperative Stroke Recognition

Thomas Ferrer
UNM School of Medicine

Using Point of Care Ultrasound to reduce peripheral IV catheter infiltration and extravasation related complications in Pediatric Patients

Sahil Patel
UNM School of Medicine

Intrathecal dexmedetomidine for neuraxial anesthesia during cesarean delivery

Jonathan Jones
Riverside University Health System

Where Minutes Matter: Measuring the Impact of Efficiency on Quality Outcomes in County ORs

Trenton Lum
Riverside University Health System

Poster Presentations - Session 1B

9:50 - 10:30 a.m.

Location: Courtyard

Efficacy of the Ocular Anesthetic Topical Tetracaine in Cataract Eye Surgery: A Systematic Review

Zohaer Muttalib
CNSU

Hold on Tight: Comparison of Two Bordered Polyurethane Arterial Line Securement Devices

Nathanael Jones
Loma Linda University

Continuous Hemoglobin Monitoring for Better Understanding of Hemodynamic Shifts in Repeat Cesarean Sections

Skyler Schell
Loma Linda University

A Difficult Airway In A Medically Challenging Patient During A Carotid Transcatheter Aortic Valve Replacement

Eric Hendrickson
Los Robles Regional Medical Center

Management of Mechanical Thrombectomy in a Jehovah's Witness Patient with Large Right Atrial Thrombi

Aaron Brussels
Mayo Clinic Arizona

Heart-After-Liver Transplant Approach in a Highly Sensitized Patient Presenting for Combined Heart-Liver Transplantation

Nick Pombo
Mayo Clinic Arizona

Pre-Operative Erector Spinae Plane Block for Clavicle Open Reduction and Internal Fixation: A Case Report

Edward Maybury
Naval Medical Center San Diego

Euglycemic diabetic ketoacidosis in the setting of Fournier's gangrene, fasting state, and metformin use

Christopher Yeh
Riverside University Health System

Peer-To-Peer Rotation Orientation Pilot Study For Anesthesiology Residents

Sarah Doe-Williams
Stanford University

Peripheral Nerve Stimulation (PNS) of the Greater Occipital Nerve: Feasibility and Efficacy as Both Prophylactic and Abortive Therapy for Migraine

Alice Li
Stanford University

Workforce Changes in an Academic Anesthesiology Department Before and After the COVID-19 Pandemic

Parker Dobson
UCLA

A Shot through the Heart: Intracardiac Epinephrine for Intraoperative Cardiac Arrest following Post-reperfusion Syndrome

Alex Nguyen
University of Colorado

Spontaneous Conversion of COPD-Associated MAT After Rectosigmoid Foreign Body Removal

Nathaniel Co
UC Riverside

Milrinone for the Treatment of Refractory Cerebral Vasospasm

Sabrina Antonio
UC San Diego

Supraglottic Airway Use in Children with Mucopolysaccharidoses Undergoing Anesthesia

Renee McIntyre
Stanford University

UC Davis Anesthesiologists Partner with California Society of Anesthesiologists and Project Lead the Way to Empower the Next Generation to Pursue Careers in Healthcare

Ryan Osborne
UC Davis

Airway Management in Large Goiters Exhibiting Mass Effect on the Trachea

Brandon Ngo
UC Riverside

Using intrathecal dexmedetomidine instead of fentanyl in spinal anesthesia for cesarean delivery: 2 case reports

Richard Pham
UC Riverside

Poster Presentations - Session 1B

9:50 - 10:30 a.m.

Location: Lawn

Novel insertion of Impella RP-Flex without fluoroscopy-guidance for right ventricular dysfunction during mitral valve replacement surgery

Tim Dunagan
UCI

Anesthetic Management in a Patient with Pallister Hall Syndrome

Alexander Centala
UCI

Between Risk and Responsibility: A Case Report of Practical and Ethical Considerations in the Anesthetic Management of Elective Surgery for Children with Williams Syndrome

Kristin Hinsien
UNM School of Medicine

Past Experience Repurposed Towards a Future Career in Medicine

Aaron Kao
UNM School of Medicine

Alternative Regional Anesthesia for Anterior Thoracic Surgery

Shane Nylin
UNM School of Medicine

Awake fiberoptic intubation, an art facing extinction? Airway management in a patient with a large lymphoma

Sagar Patel
UNM School of Medicine

Peering Beneath the Waterline: Using Incidental Imaging to Examine the Incidence of Subclinical Hematoma Formation Following Peripheral Nerve Blocks

Adam Fink
University of Washington

Recurrent Carbon Dioxide Embolism During Laparoscopic Partial Hepatectomy

Alex Pai
UCI

Stellate Ganglion Block for Long COVID Syndrome

Kunal Sinha
UCI

Social Impact of Artificial Intelligence on Healthcare Disparities in Pain Medicine

Rakhi Dayal
UCI

Ultrasound-guided epidural anesthesia for elective hernia repair in a patient with non-ischemic cardiomyopathy and EF 15%

Amany Alshibli
UCSF

The Wandering Wire.... Where Is My Pacemaker?

Paul Pantapalangkoor
UCSF

Comparative Analysis of Compliance in Adult and Pediatric Anesthesia Circuit Tubing: Implications for Tidal Volume Accuracy

Joana Abed Elahad
USC

Blockade of the Auricular Branch of the Vagus Nerve (Arnold's Nerve) for Chronic Otagia

Daniel Woo Kim
USC

Introduction of the Stanford Emergency Manual (SEM) into Residency Training and Its Effect on Confidence Levels in Managing Perioperative Crises

Kyle Tillinghast
University of Washington

Poster Presentations - Session 1C

11:00 a.m. - 12:00 p.m.

Location: Courtyard

Phrenic nerve paralysis from supraclavicular nerve block resolved with saline washout followed by multifactorial intraoperative cardiac arrest

Jason Cosman

UCI

Perioperative Management of a Penetrating Traumatic Cardiac Injury

Kurt Leininger

UCI

Acute Transient Amniotic Fluid Embolism

Harrison Khong

Los Robles Regional Medical Center

Navigating Diagnostic Challenges: Euglycemic Diabetic Ketoacidosis in the ICU with Sepsis and GLP1 Agonist Use

Chenxuan Zhou

Los Robles Regional Medical Center

ESP block to enable supine positioning for mechanical thrombectomy in a patient with rib fractures and maxillomandibular wire fixation

Evan Braithwaite

UNM School of Medicine

Is Decadron Appropriate for My Patient?

Sameen Jawadi

UNM School of Medicine

A Multidisciplinary Perioperative Approach to Inadvertent Diaphragmatic Pacing Following Open Heart Surgery

Eric Do

UCI

Management of cardiac tamponade during transcatheter aortic valve implantation

Shafeen Qazi

UCI

Erector Spinae Plane Block for Subcutaneous ICD placement

Ripika Bedi

University of Arizona

Multidisciplinary Resection of Craniofacial Desmoid Fibromatosis: A Case Report

Charles Bui

Baylor College of Medicine

Case Report: Anesthetic Care of a Patient with Partially Repaired, Anomalous, Cyanotic Congenital Heart Disease Undergoing Dilation and Curettage

Jonathan Petrillo

UNM School of Medicine

Confounding Factors in a Grade III Perioperative Anaphylactic Reaction to Cefazolin in a Pediatric Patient

Christine Teng

UNM School of Medicine

Does my patient need a general anesthetic? Discussion of Angiotensin Receptor Blocker (ARB)-induced refractory hypotension, and treatment options

Carbol Quinn

UNM School of Medicine

Utilization of the Laryngeal Assist Maneuver (LAM) Technique for Improved Glottic Visualization During Intubation

Michael Dzima

UC San Diego

Regional Anesthesia for Awake Nasotracheal Intubation in a Patient with Post-Radiation Trismus

Lauren Alexa

UC San Diego

Perioperative Management of Pheochromocytoma: A case report

Bardia Bahadori

Cedars-Sinai Medical Center

Major Obstetric Hemorrhage Quality Improvement

Omeka Ikegbu

UCI

A Medically Challenging Case: Fatal Pulmonary Emboli and Ischemic Stroke with Hemorrhagic Conversion in a Patient with a Patent Foramen Ovale

Andrea Antenucci

UCLA

Managing Neuraxial Anesthesia and Postpartum Hemorrhage in an Antepartum Patient on Anticoagulation

Julie Nam

UC Davis

Development of Pericardial Hematoma in the setting of ECMO cannulation for ARDS and COVID-19 Pneumonia

Vinh Ngo

Creighton University School of Medicine

Poster Presentations - Session 1C

11:00 a.m. - 12:00 p.m.

Location: Lawn

Examining Sociodemographic Variations in Regional Anesthesia Utilization for Arthroplasty Using the 2016-2020 National Inpatient Sample (NIS) Database

Meredith Anderson
Mayo Clinic Alix School of Medicine

Anesthesia considerations for the patient with Beriberi

Conner Clay
Mayo Clinic

A Multidisciplinary Pre-Operative Risk Assessment in a Patient with Severe Peri-Induction Skin Mottling, Venous Congestion, and Hemodynamic Lability Without Clear Etiology

Connor Lester
University of Colorado

Pseudocholinesterase Deficiency Detected After Multiple Prior Anesthetics

Kyle Anderson
University of Colorado

Case Report: Management of Allopurinol-induced Toxic Epidermal Necrolysis in Anesthesia Practice at an Academic Medical Center

Nima Keyvan
USC

Dexmedetomidine as an Adjuvant during Emergent Epidural to Surgical Anesthesia Conversion

Thomas Cho
Riverside University Health System

Mitigating Bleomycin-Induced Flagellate Hyperpigmentation with Cohesive Bandage: A Case Report

Jakob Morawiec
Rocky Vista University

A Case of Severe Postoperative Delirium: 31-year-old female treated with a prolonged postoperative dexmedetomidine infusion for ambulatory surgery

Marissa Martinez
UCSF

Knowledge, Attitudes, and Practices: Anesthesia and Surgical Data Collector Viewpoints in Ethiopia

Kayleigh Cook
Medical College of Wisconsin

A Novel Cause of PEEP during a 20-hour Craniotomy

Amy Wang
Stanford University

Management of Severe Acquired Methemoglobinemia After Benzocaine Exposure: A Case Report

Timothy Hua
Loma Linda University

Lateral Tilting of the OR Table to Ease Placement of Spinal Anesthesia in Obese Patients: A Case Series

Joshua Lum
Loma Linda University

Utilizing a Large Language Model to Flag Weaponized Anonymous Reporting Systems

Chris Eixenberger
University of Washington

Evaluation of an Opioid Free Anesthesia Protocol on Supracondylar Surgery Outcomes at Seattle Children's Hospital - A Quality Improvement Project

Emmanuella Joseph
University of Washington

Anesthetic considerations in the treatment of inferior vena cava filter related thrombosis in a patient with nonobstructive hypertrophic cardiomyopathy

Michael Armaneous
Riverside University Health System

Anesthetic Considerations in a Parturient With Osteogenesis Imperfecta Type IV

Rameez Zaman
OHSU

Poster Presentations - Session 2A

1:00 - 1:40 p.m.

Location: Courtyard

Airway Tray Waste Quality Improvement Project

Andrew Burns
Cedars-Sinai Medical Center

Epidural Blood Patch Relieves a Postdural Puncture Headache Five Years Later

Abigail Song
USC

Novel Ultrasound-Guided Technique for Thoracic Medial Branch Block and Thoracic Cooled-Radiofrequency Ablation

Kevin Yang
USC

Use of Spinal Anesthesia in Total Hip and Total Knee Arthroplasty in Improving Operating Room Efficiency

Tiffany Ding
Western University of Health Sciences

Neuraxial anesthesia for vaginal delivery in a decompensated cirrhotic patient with esophageal varices and thrombocytopenia

Abdullah Najj
OHSU

Necrotizing Fasciitis in Upper extremity Metastatic Merkel Cell Carcinoma Requiring Amputation - Complex Pain Management

Miles Orantia
Riverside University Health System

Nebulized Dexmedetomidine in the Treatment of Obstetric Post-Dural Puncture Headache: A Case Report

Chris Mehdizadeh
UC Riverside

Multi-Stage Surgery to Correct an Esophageal Perforation Secondary to Spinal Hardware Erosion

Thomas Kyle Ford, Brian Lee
USC

Manual Boluses versus Programmed Intermittent Boluses for Serratus Anterior Plane Catheters for Rib Fracture Pain

Andrew Hair
UNM School of Medicine

Risk of pulmonary aspiration with glucagon-like peptide-1 receptor agonists in patients under anesthesia: a call for more research and streamlined guidelines

Juliet Velhagen
UNM School of Medicine

Challenging Case: Management of Carcinoid Heart Disease, Carcinoid Crisis, and Concomitant Right Ventricular Failure

Michael Goulet
Cedars-Sinai Medical Center

Anesthetic Management for Sacrococcygeal Teratoma in a Newborn

Philip Cheng
Cedars-Sinai Medical Center

Broken Spinal needle in morbid obesity parturient

Katrina Nguyen
St. Josephs

Combined Warm Pulmonary Thromboendarterectomy and Heart Transplantation Procedure in a Patient With Cold Agglutinin Disease

Emma Smith
UC San Diego

Should I stick a needle in her back? A case of neuraxial anesthesia controversy in a parturient with prior coccygeal ependymoma resection

Anastasiia Zhelokhovtseva
UC San Diego

Troubling Tracheostomy: Fiberoptic-Assisted Oral Intubation in a Patient with Multiple Tracheal and Hypopharyngeal Defects

Nicole Nguyen
UCLA

A Cautionary Tale of Hair Ties; Ruptured Cerebral Mycotic Aneurysm Repair via STA-MCA Bypass in a Patient with Infective Endocarditis and Severe Mitral Regurgitation

Bryan Cozart
UC San Diego

Acute Post-Operative Outcomes of Coronary Artery Bypass Grafting with Regional Anesthesia; A Retrospective Analysis

Brandon Zhang
University of Arizona College of Medicine-Tucson

Impella Placement Resulting in Perforation of Right Coronary Cusp and Aortic Valve Replacement

Gabriella Rollo
University of Arizona

Poster Presentations - Session 2A

1:00 - 1:40 p.m.

Location: Lawn

Fetal Bradycardia Unrelated to Maternal Cardiopulmonary Status in AFE

Dominic Carusillo
UCI

The use of point of care transthoracic echo to guide clinical decision making in the pre-operative setting

Joseph Choy
UCI

Does acceptance rate of spinal anesthesia for lower extremity joint replacement improve after preoperative patient education? A quality improvement project

William Binder
Mayo Clinic Arizona

Bilateral Phrenic Nerve Palsy after Anterior Cervical Corpectomy and Cervical Spinal Decompression

Jorgen Sumsion
Mayo Clinic Arizona

Beyond the Count: Insights to Procedural Skill Training During Anesthesia Residency

Joshua Lum
Loma Linda University

Managing Anesthesia Equipment Failure: A Case Study on Multiple Scavenging System Breakdowns

Francesca Goodstein
UCSF

Difficult Airway Management in the setting of Carcinoma of the Tongue and 180 degrees Head of Bed Positioning

Eric Do
UCI

Considerations of intentional self-harm on ambulatory opioid treatment

Thomas Gocke
UCI

Antiretrovirals and Anesthesia: Navigating the Intersections in Modern Healthcare

Sydney Davis
Loma Linda University

Can Caudal Cut Opioid Exposure in Infants Undergoing Circumcision? A Single Center Retrospective Analysis

Nathanael Jones
Loma Linda University

Sickle Cell Disease Is Associated with Increased Risk of Lower Respiratory Tract Infections Among Broad Patient Populations in the United States

Ksenia Ershova
University of Washington

Pediatric Tracheal Rupture After Endotracheal Intubation

Bin Huang
University of Washington

Acute Fulminant Myocarditis: A Case Study of Etiology, Pathology, and Treatment

Carly Heffernan
UCI

Regional Anesthesiology Allows for Emergent Surgery in a Patient with Stimulant Use, Rhabdomyolysis, NSTEMI and a Full Stomach

Shubhika Jain
Stanford University

A Review of the Factors and Outcomes of Institutional Interdisciplinary Neuromodulation Committees: A Multi-Center Experience

Mohan Ravi
Stanford University

Identifying predictive factors for prolonged postoperative opioid use using machine learning: a systematic review and meta-analysis

William Wang
UCI

Anesthesia approach to Managing Severe Hemorrhagic Shock and Anemia with Non-Transfusion Alternatives in a Practicing Jehovah's Witness: A Case Report

Romain Rabany
Creighton University School of Medicine

Hyperacute Aortic root and Coronary Artery Thrombosis Following LVAD Placement

Shafeen Qazi
UCI

Intubating LMA Symphony: Maneuvering Airway Complexity With Grace in the Face of Unplanned Extubation

Brandon So
UCI

Poster Presentations - Session 2B

1:50 - 2:30 p.m.

Location: Courtyard

Use of Ultrasound-Guided Stellate Ganglion Block to Treat Refractory Ventricular Tachycardia

Bryson Caskey
Mayo

A Change of Heart: Postoperative cardiac herniation following pneumonectomy

Emily Griffin
Mayo Clinic Arizona

Systemic Lupus Erythematosus-Associated Severe Pulmonary Hypertension: A Cautionary Tale of Pericardial Effusions

Vaibhav Murali
Mayo Clinic Arizona

Perioperative Management Strategies for an Unanticipated Difficult Airway Complicated by Torus Palatinus and Mandibularis

Vanessa Johansen
UCI

Combined Use of Bronchial Blocker and Double Lumen Tube for Lung Isolation during Esophagectomy Complication

Caitlin Krol
UC San Diego

Sudden Pulseless Electrical Activity after Naloxone Administration Resulting in Catastrophic Postoperative Cardiac Hemorrhage from External Chest Compressions

Evan Shawler
UC San Diego

Comparative Analysis of Albumin Usage Before and After Transitioning to Different Solution Sizes

Jessica Chun
USC

Barriers Healthcare Providers Face Caring for Language Discordant Patients in the Critical Care Setting

Hyun Seong Seo
USC

Improving Transfusion Practice in Liver Transplant Surgery: The Impact of Patient Blood Management Initiatives

Jonathan Wu
USC

PA catheter malposition

Darian Parsey
UCI

Like a Rock: Stone Heart Syndrome after Aortic Valve Replacement

Ben Rosellini
UCI

Emergent Above-Knee-Amputation in a Vasculopathic Patient

Christine Shen
UC San Diego

Mucus Plug Obstruction in Mayfield Pins Requiring Prone Bronchoscopy: A Case Report

Trinith Radhakrishnan
UC Riverside

Assessing the Need for Animated Educational Videos in Pediatric Anesthesia at Riverside University Health System

Katrina Villavert
UC Riverside

Awake Craniotomy in an Adolescent Patient with Refractory Epilepsy

Patrick Halliday
University of Washington

Prolotherapy As Treatment For Particulate Steroid-Induced Soft-Tissue Necrosis After Sacroiliac Joint Injection: A Case Report

Cole Crosby
University of Washington

Poster Presentations - Session 2B

1:50 - 2:30 p.m.

Location: Lawn

Anesthetic Management of a Pompe Disease Patient Undergoing Deep Muscle Biopsy

Sean Solomon
UCI

Subscapular Bursitis Treated with Corticosteroid Injection: A Case Report

Andrew Kinoshita
UCI

Intubation for Bronchoscopy Needed for Microbial Identification in a Pediatric Patient with Uncontrolled Asthma and Active Cystic Fibrosis Exacerbation

Juan Orona
UNM School of Medicine

Inclusion Body Myositis: A Paralytic Free Anesthetic

Akash Patel
UNM School of Medicine

SGLT2 Inhibitor-Associated Perioperative Ketoacidosis: A Medically Challenging Case

Sivan Marcus
UCSF

Anesthetic Management of Laboring Patient with Brugada Syndrome

Taylor Tidwell
UCI

Coronary Sinus Rupture Following Retrograde Cardioplegia

William Wang
UCI

Anesthetic Considerations for a Patient with Moyamoya Disease

Zach Goldstein
Cedars-Sinai Medical Center

The Continual Challenges in Non-Operating Room Anesthesia

Saagar Sandhanwalia
UCI

Whole Body Allodynia following Orthotopic Liver Transplant: A Case Report

Eden Patton
UCSF

Which arm is “right”? A case of vascular malformations / subclavian steal causing erroneous blood pressure readings.

Matthew Ribeiro
UCSF

Opioids and Driving: Analyzing the Effects of Driving Under the Influence on Performance and Outcomes

Patrick Wintergalen
Creighton University School of Medicine

Navigating the Abyss: An Unconventional Airway Approach in the Face of a Left Parapharyngeal Abscess

Pearl Huynh
UNM School of Medicine

Tonsillectomy & Adenoidectomy in Patients with Lowe Syndrome: A Cautionary Tale

Pearl Sais
UNM School of Medicine

Acute, Isolated Hypoxemia with the Pringle Maneuver

Kimberly Lu
Stanford University

Utilizing Ultrasound-Guided Suprazygomatic Maxillary Nerve Block and Infraorbital Blocks for Cleft Palate and Lip Repairs in a Resource-Limited Setting

Lee Nguyen
Stanford University

Is there a disparity in care and outcomes in pediatric craniofacial surgeries for Indigenous Americans? Our experience at University of New Mexico

Brandon Trujillo
UNM School of Medicine

Preoperative fasting and clinical aspiration: a systematic review and meta-analysis of recent literature

Stephanie Lam
UCLA

Peripartum Spontaneous Coronary Artery Dissection Requiring Coronary Artery Bypass Grafting

Seth White
Loma Linda University

Alternative Approach to One-Lung Ventilation Using an Extended Single Lumen Endotracheal Tube

Erik Vincek
Riverside Community

Exhibitors

Thank you to our 2024 exhibitors for joining us at WARC 2024.

Gold Exhibitor



Department of Anesthesiology
and Pain Medicine

Silver Exhibitors

