
UW Anesthesiology Resident Research

Presentations by UW Anesthesiology Residents

2007

Western Anesthesia Resident's Conference (WARC) — Sacramento, CA

- **Cindy Grande:** Ultra-low Dose Ketamine and Memantine for Severe Pain: A Case Study (Mentor: Brendan O'Donnell).
- **Jennifer Hayes:** Labor and Delivery Analgesia for a Patient with Facial Lymphovenous Malformation and Potential Airway Compromise (Mentor: Brian Ross).
- **Jill Jelacic:** Intraoperative Hyperglycemia in Children with Traumatic Brain Injury (Mentor: Monica Vavilala).
- **Rajni Jutla:** Association between Transfusion Requirement and Outcome among Neurosurgical Patients (Mentors: Miriam Treggiari and Steve Deem).
- **Michael Lama:** Dexmedetomidine as an Adjunct of General Anesthesia during Spine Surgery with Motor Evoked Potentials Monitoring (Mentor: Irene Rozet).
- **Yuko Sano:** Diagnostic and therapeutic dilemma of a delayed cerebrospinal fluid leak after lumbar spine surgery (Mentor: Anjana Kundu and Nancy Setzer-Saade).
- **Jeff Zavaleta:** Differences in Post-operative Analgesia between Hispanic and Caucasian Pediatric Patients (Mentor: Nathalia Jimenez).

Dr. Grande, Dr. Jelacic and Dr. Jutla deserve special recognition as they were chosen from more than 120 abstracts to give their presentations orally to the entire group.

2006

Western Anesthesia Resident's Conference (WARC) — Snowbird, UT

- **Ryan Jense:** A Series of Fourteen Vocal Fold Operations Using Dexmedetomidine Sedation for Laryngeal Framework Surgery (Mentors: Jo Davies and Karen Souter).
- **Derek Liau:** Injuries and Liability Related to Peripheral Catheters: A Closed Claims Analysis (Mentors: Karen Domino and Karen Posner).
- **Patrick Miller:** Risk Factors for Hypotension During Emergent Decompressive Craniotomy in Children with Traumatic Brain Injury (Mentor: Monica Vavilala).

- **Jonathan Payawal:** Brachial Plexopathy Detected by Neuromonitoring Following Subclavian Vein Catheterization (Mentors: Loreto Lollo and Hernando Olivar).
- **Natalia A. Piper:** Epidural Analgesia in a Patient with an Intrathecal Catheter and Subcutaneous Pump to Deliver Baclofen (Mentors: Sean Flack and Anne Lynn).
- **Paul Tenenbein:** Effects of Propofol and Sevoflurane on Flash Visual Evoked Potentials (Mentors: Arthur Lam and Lori Lee).
- **Regina Wender:** The Fiberoptic Intubating LMA-CTrach™ and the ASA Difficult Airway Algorithm (Mentor: Allan Goldman).

Dr. Tenenbein deserves special recognition for his selection as 1 of only 15 attendees to present their studies orally at the meeting.

2005

Western Anesthesia Resident's Conference (WARC) — Anaheim, CA

- **Todd Austin:** Retractor Placement During Cervical Spine Surgery Significantly Decreases Endotracheal Tube Cuff Volume Needed to Maintain a Seal.
- **Jim Burkman:** Analysis of the Clinical Variables Associated with Recrudescence after Malignant Hyperthermia Reactions.
- **Harshu Chaobal:** Single Point Sampling with Alfentanil for Assessment of Constitutive, Induced and Inhibited CYP3A Activity.
- **Rachel Homer:** Persistent Hiccups after Interscalene Brachial Plexus Block.
- **Sean Kincaid:** Ketorolac and CO₂ Reactivity of Cerebral Blood Flow.
- **Jon Kryman:** Altered Insulin Pharmacokinetics in a Patient with Renal Failure: A Case Report.
- **Patrick Miller:** Relationship Between Age and Intraoperative Hypotension during Emergent Pediatric Craniotomy.
- **Pilar Suz:** Fever Characteristics Associated with Poor Outcome in Severe Pediatric Traumatic Brain Injury.
- **Trevor Van Oostrom:** Modulating fMRI Pain Related Brain Activity with Virtual Reality Distraction, Opioids and their Combination.

The nine presentations were the most the UW has ever had at WARC and the quality was excellent as well. Most of these presentations will be repeated in the coming weeks at Grand Rounds.

2004

Western Anesthesia Resident's Conference (WARC) — Denver, CO

Harshu Chaobal: Single Point Plasma Sampling for Phenotyping with the CYP3A Probe Alfentanil (Talk; Mentor: Evan Kharasch).

Khoa Do: Anesthetic Implications of Exertional Rhabdomyolysis in a Patient Taking Creatine Supplement (Poster; Mentor: Sanjay Bhananker).

Tony Fan: Pain, A Gift No One Wants: A Case Study of HSAN (Hereditary Sensory and Autonomic Neuropathy) (Poster; Mentor: Krishna Boddu).

Nathalia Jimenez: Comparison of a Needle-Free Injection System for Local Anesthesia versus EMLA for Intravenous Catheter Insertion in the Pediatric Patient (Talk; Mentor: Anne Lynn).

Kim Kressin: Burn Injuries in the OR: A Closed Claims Analysis (Poster; Mentors: Karen Domino and Karen Posner).

Chris Nunn: Bilateral Pneumothorax in a Patient Jet Ventilated With a Cook Airway Exchange Catheter (Poster; Mentor: Sanjay Bhananker).

Andy Skukas: Complications of Anesthesia for Awake Craniotomies (Poster; Mentor: Alan Artru).

Particular congratulations are due Drs. Chaobal, Jimenez and Skukas who walked away with three of approximately 10 awards presented in various categories at the meeting.