

GAARRC 2019

The 45th Annual Gulf Atlantic Anesthesia Residents' Research Conference

May 3-5, 2019 | Clearwater Beach, FL | GAARRC.cme.ufl.edu

Friday, May 3, 2019

3:00 – 5:00 p.m. **Presentation Loading** - *Opal Ballroom Foyer*

6:00 – 8:00 p.m. **Welcome Reception** - *Event Lawn*

Saturday, May 4, 2019

7:00 – 7:50 a.m. **Breakfast, Check-In & Exhibits** - *Opal Ballroom Foyer*

7:50 – 8:05 a.m. **Welcome** - *Opal Sand Ballroom*
Sean Kiley, MD

8:05 – 8:45 a.m. **Keynote Lecture: Under Pressure** - *Opal Sand Ballroom*
Andrew D. Pitkin, MBBS, MRCP, FRCA

Break-Out Sessions

	<i>Sea Side Salon</i>	<i>Sea Shore Salon</i>	<i>Sea Watch Salon</i>	<i>Sunset Salon</i>
8:50 – 9:05 a.m.	Gerbode Defect After Bioprosthetic Aortic Valve Replacement and Endocarditis (Case Presentation) Jordan Brewer, MD University of Florida	Safe Reversal of Non-Depolarizing Neuromuscular Blockade Using Sugammadex in a Patient with Brugada Syndrome (Case Presentation) Charles Doyle, MD University of Florida	New Paradigms in Post Thoracotomy Pain Control: A Case for Erector Spinae Plane Block (ESPB) (Literature Review) Anastasia Jones, MD University of Florida	Using Music in a Chronic Pain Medicine Preoperative Setting to Reduce Anxiety, Pain and Improve the Patient Experience: A Quality Improvement Project (Original Research) Steven Freeland, MD University of Florida
9:05 – 9:20 a.m.	Anesthetic Management of Epidermolysis Bullosa (Case Presentation) Riley Garrett, MD Jackson Memorial Hospital	Post-Extubation Stridor in PACU: Case Report of an ALS Patient Scheduled for Percutaneous Endoscopic Gastrostomy Placement (Case Presentation) Julia Eidelman, DO University of Florida	Don't Speak, I Know Just What You're Thinking: A Literature Review of the Response to Laryngospasm in Pediatric and Adult Patients (Literature Review) Adam Chadwick, MD University of Florida	The Impact of Closed-Loop Control of Oxygenation on Pulmonary Function, Fluid Balance and Survival in Sheep Subjected to Combined Burn and Smoke Inhalation (Original Research) Nicole Ribeiro Marques, MD University of Texas
9:20 – 9:35 a.m.	Paravertebral Block Used for Treatment of an Incarcerated Right Inguinal Hernia (Case Presentation) Justin Beitel, MD Mayo Clinic	To Air is Human: Case Report of Minimally Invasive Surgery with Maximum Complications (Case Presentation) Jason Howard, DO University of Florida	What's All the Buzz?: A Literature Review of Perioperative Spinal Cord Stimulator Management (Literature Review) Adam Chadwick, MD University of Florida	Lung Retransplants in MCF: A Retrospective Analysis (Original Research) Rodrigo Lami Pereira, MD Mayo Clinic
9:35 – 9:50 a.m.	Awake ECMO Placement for Airway Obstruction (Case Presentation) Ashley Fritz, DO Mayo Clinic	Ketamine Toxidrome in Critically Ill Patient (Case Presentation) Miles Murri, DO University of Florida	Algorithm for Difficult Epidural Placement (Literature Review) Vadim Katsenovich, DO University of Florida	Measuring Obstetric Recovery: Evaluating the ObsQoR-11 Tool (Original Research) Scott Dougan, MD University of Arkansas
9:50 – 10:05 a.m.	Carcinoid Crisis in the Cardiac Patient (Case Presentation) Huma Khan, DO University of Miami	When to Reverse: Case Report of Chronic GBS and the Use of Sugammadex for Reversal After No Post-Tetanic Twitches (Case Presentation) Brandon Duffin, DO University of Florida	The Nuts and Bolts of Chronic Post-Herniorrhaphy Pain: A Literature Review of Treatment with Dorsal Root Ganglion Stimulation (Literature Review) Tyler Craig, MD University of Florida	Utilization of a Pre-Induction Checklist to Reduce Door – to – Intubation Time and Improve Adherence to Critical Steps During Emergency Intubations (Original Research) Ryan Stuckey, MD University of Arkansas
10:05 – 10:20 a.m.	Break & Exhibits			

	<i>Sea Side Salon</i>	<i>Sea Shore Salon</i>	<i>Sea Watch Salon</i>	<i>Sunset Salon</i>
10:20 – 10:35 a.m.	Vocal Cord Dysfunction in the Operating Room (Case Presentation) Robert Hunter Mayo Clinic	Significant Hemodynamic Instability Due to Tension Pneumomediastinum During Laparoscopic Paraesophageal Hernia Repair and Fundoplication (Case Presentation) Emily Li, MD University of Florida	The Red Blood Cell Storage Lesion: A Controversy of Biology Versus Randomized Controlled Trials (Literature Review) Lauren Smajdor, MD University of Florida	A Retrospective Comparative Analysis of Perioperative Narcotic Consumption in Craniotomies Under General Anesthesia With or Without Scalp Blocks: A Pilot Study (Original Research) Patrick Page, MD University of Arkansas
10:35 – 10:50 a.m.	Not All That Wheezes is Asthma (Case Presentation) Michael Vega, MD Mayo Clinic	Volatile Anesthetic for Treatment of Respiratory Failure from Status Asthmaticus Requiring Extracorporeal Membrane Oxygenation (Case Presentation) Kevin Olsen, MD University of Florida	A Rare Case of Diaphragmatic Flutter Treated with Continuous Phrenic Nerve Block (Case Presentation) Justin Pham Ochsner Clinic	Carbon Dioxide Absorption Capacities of Amsorb® and Soda Lime During Simulated Clinical Conditions (Original Research) Jacob Ludin University of Florida *not accredited for CME
10:50 – 11:05 a.m.	Bronchial Blocker or Double Lumen Endotracheal Tube? How About Both? (Case Presentation) Hong Liang, DO Mayo Clinic	The Use of Pterygopalatine Ganglion Block for Positional Headache and Nausea Secondary to Iatrogenic CSF Leak (Case Presentation) Sindhuja Nimma, MD University of Florida	Inflammatory Skin Changes and Pain Overlying Intrathecal Pain Pump: A Case Report (Case Presentation) Jeffrey Jones, MD University of Texas	The Epigenetic Mechanism of Chronic Nicotine in Pain Perception in an Animal Model (Original Research) Ana Mavarez, MD University of Miami
11:05 – 11:20 a.m.	Dexmedetomidine-Induced Fever, a New Malignant Hyperthermia Mimic (Case Presentation) Hussam Ghabra, MD Ochsner Medical Center	Unanticipated Chest Pain: Chest Pain in a Teenager May Not Be Anxiety (Case Presentation) James Brown, DO University of Florida	Transient Loss of Vision and Muscular Weakness in a Woman with Self-Reported Antiphospholipid Syndrome After General Anesthesia (Case Presentation) Alexander Allain, MD (Presented by Jeffrey Jones, MD) University of Texas	Resource Utilization and Clinical Outcomes Among Neonates with Congenital Heart Disease Cared for Pre-Operatively in the NICU vs. PICU (Original Research) Krupesh Dave, MD University of Florida
11:20 – 11:35 a.m.	Postoperative Recurarization in a Pediatric Patient Following Sugammadex Reversal of Rocuronium-Induced Neuromuscular Blockade (Case Presentation) Marianne Gelter, DO Ochsner Medical Center	Emergent Off-Pump Coronary Artery Bypass Grafting in a Patient with Polycythemia Vera (Case Presentation) Juan Restrepo Cardenas, MD University of Miami	Migrating Complex Regional Pain Syndrome (CRPS) Treatment Using Combined Neuromodulation Devices (Case Presentation) Danielle Babb, DO Jackson Memorial Hospital	
11:35 – 11:50 a.m.	Intraoperative Resistance to Rocuronium and Vecuronium Related to Chronic Topiramate Usage and Resulting Management of Laparoscopic Surgery Without Paralysis (Case Presentation) Chris Cullom, MD Tulane University	Labor Epidural Placement After Epidural Blood Patch for Inadvertent Dural Puncture During Cerclage Removal (Case Presentation) Jennifer Kim University of Texas Southwestern	26-Year-Old Woman With Satoyoshi Syndrome: Anesthetic Considerations in the Context of Skeletal Muscle Channelopathy (Case Presentation) Sal Yulaman University of Texas	
11:50 – 1:30 p.m.	Lunch & Exhibits Program Directors and Judges - <i>Seaguini Restaurant</i> Residents - <i>Lunch on Your Own</i>			

Break-Out Sessions

	<i>Sea Side Salon</i>	<i>Sea Shore Salon</i>	<i>Sea Watch Salon</i>	<i>Sunset Salon</i>
1:30 – 1:45 p.m.	<p>A Case of Granulomatous Amoebic Encephalitis from Balamuthia Mandrillaris in a Critical Care Patient (Case Presentation) Lisa Gu, MD University of Florida</p>	<p>A RECURRENT RARITY: Our Patient With Hereditary Angioedema (HAE) and Acute Laryngeal Edema (Case Presentation) Warren Fowler, MD University of Florida</p>	<p>Post-Heart Transplant Hypertension: Is It From the Heart, or the Brain? (Case Presentation) Jonathan Cates, MD University of Florida</p>	<p>Deliberate Intraneural Injection: Where Does it Spread To and How? (Original Research) Dalya Elhady, MD University of Florida</p>
1:45 – 2:00 p.m.	<p>Cricothyrotomy for Postoperative Angioedema (Case Presentation) Alex Knight, DO University of Florida</p>	<p>Beyond Multimodal Medication: Case Report of Spinal Cord Stimulator Placed for Neuropathic Abdominal Pain Originating from a Tumor Invading the Celiac Plexus (Case Presentation) Jeffrey Pence, DO University of Florida</p>	<p>Aortic Valvular Stenosis in the Parturient: Anesthetic Management via Intentional Dural Puncture Epidural (Case Presentation) Christopher Maxwell, Jr, MD University of Florida</p>	<p>Discovery of a Pre-Laminar Fibrous Body that May Possibly Anchor Dura to Lamina (Original Research) Claudia Sotillo, MD University of Florida</p>
2:00 – 2:15 p.m.	<p>Cardiac Arrest During an Open Nephrectomy: Could It Have Been Predicted, and How to Manage? (Case Presentation) Beric Berlioz, MD Mayo Clinic</p>	<p>Complex Regional Pain Syndrome After Herpes Simplex Virus-1 in a Pediatric Patient (Case Presentation) Irieon Walker, MD University of Florida</p>	<p>Anesthetic Management for Emergency Cesarean Delivery in the Setting of HELLP Syndrome and Acute Fulminant Liver Failure After En Bloc Heart and Liver Transplant (Case Presentation) Ana Mavarez, MD University of Miami</p>	<p>Clinical Value and Cost Burden of Standing Labs for Pediatric Cardiac Intensive Care Patients (Original Research) David Hutchinson, MD University of Florida</p>
2:15 – 2:30 p.m.	Break & Exhibits			
2:30 – 2:45 p.m.	<p>Pulmonary Sarcoidosis and Mortality: A Case Report and Review of Strategies to Reduce Postoperative Pulmonary Complications (Case Presentation) Lucas Bannister, MD University of Florida</p>	<p>Spinal Cord Stimulation Not an Option? How About Dorsal Root Ganglion Stimulation? (Case Presentation) Adejuyigbe Adaralegbe, MD University of Florida</p>	<p>Challenging Airway and Endotracheal Tube Exchange in a Young Male with Extensive Hypertrophic Burn Scarring Over Nares and Mouth (Case Presentation) Robert Martinez, MD University of Texas</p>	
2:45 – 3:00 p.m.	<p>Dynamic Obstruction of RCA Blood Flow After Bentall Procedure in Preparation for Future TAVR (Case Presentation) Alex Buttermore, DO University of Florida</p>	<p>The Application of the Hypoxia Algorithm in the Identification and Treatment of Atelectasis After Induction (Case Presentation) Jakayla Harrell-Mohamed, MD Ochsner Clinic</p>	<p>Pediatric Eye Blocks (Literature Review) Yuel-Kai Jean, DO University of Miami</p>	
3:00 – 3:15 p.m.	<p>When Two Arms Cannot Agree: A Case Report of Incidentally Found Subclavian Steal Syndrome (Case Presentation) Catherine Dietrich, MD University of Florida</p>	<p>Can a Difficult Airway Become Simple? (Case Presentation) Adejuyigbe Adaralegbe, MD University of Florida</p>		
6:00 – 8:00 p.m.	Closing Reception - Event Lawn			

Sunday, May 5, 2019

9:00 – 11:00 a.m. **Awards Brunch - Opal Sun Ballroom**