

38th Gulf Atlantic Anesthesia Residents' Research Conference (GAARRC)

April 27-29, 2012
Hotel Caribe Hilton
San Juan, PR



GAARRC
Gulf Atlantic Anesthesia Residents' Research Conference



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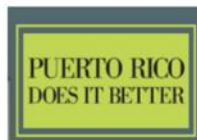
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All faculty and Speakers have been asked to provide Disclosure of any conflict of interest to the learner at the beginning of their presentations.

FACULTY

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Professor of Anesthesiology
Anesthesiology Research Director
University of Puerto Rico Medical Sciences Campus

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Keynote Speaker
Professor and Vice Chair
Department of Anesthesiology
Emory University School of Medicine, GA

Miguel A. Marrero, MD

Chair and Anesthesiology Residency Program Director
Associate Professor of Anesthesiology
Department of Anesthesiology
University of Puerto Rico Medical Sciences Campus

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PROGRAM OVERVIEW

Friday, April 27, 2012

4:00 pm - 6:30 pm **Conference Check In Upload Presentations** Condado Room
9th Floor

Saturday, April 28, 2012

6:00 am - 8:00 am **Registration and Continental Breakfast** Flamingo Foyer

8:00 am - 8:15 am **Welcome Remarks / Conference Introduction** Las Olas
Hector Torres, MD

8:15 am - 9:00 am **Keynote Address: *Myths and Legends in Anesthesia*** Las Olas
Peter Sebel, MD, PhD, MBA

9:15 am - 1:00 pm **Abstract Presentations**
Case Report Session I Flamingo Room A
Case Report Session II Flamingo Room B
Literature Review Flamingo Room C
Original Research Session I Flamingo Room D

1:00 pm **Visit GAARRC Sponsors and Exhibitors** Flamingo Pre Foyer

1:00 pm ***Future Direction of GAARRC*** Condado Room 9th Floor
Program Directors or Delegates Lunch Meeting
Dr. Keith Candiotti

6:00 pm - 10:00 pm **Welcome Reception /Cocktail** Atlántico Redondel
Casual Attire (Waterfront)

Sunday, April 29, 2012

7:30 am - 8:30 am **Registration/Continental Breakfast** Flamingo Foyer

8:30 am - 11:00 am **Abstract Presentations**
Case Report Session III Flamingo Room A
Case Report Session IV Flamingo Room B
Case Report Session V Flamingo Room C
Original Research Session II/Case Report Session VI Flamingo Room D

11:00 am - 12:30 pm **Visit GAARRC Sponsors and Exhibitors** Flamingo Pre Foyer

12:30 pm **Awards and Lunch for Residents and Judges** Las Olas

38TH ANNUAL GULF ATLANTIC ANESTHESIA RESIDENTS' RESEARCH CONFERENCE

--- Friday, April 27, 2012 ---

4:00 pm – 6:30 pm – Condado Room 9th Floor

Conference Check in and Upload Presentations

--- Saturday, April 28, 2012 ---

6:00 am – 8:00 am – Flamingo Foyer – Registration and Continental Breakfast

8:00 am – 8:15 am – Las Olas

Welcome Remarks and Conference Introduction

Hector Torres ,MD

8:15 am – 9:00 am – Las Olas

Myths and Legends in Anesthesia

Peter Sebel, MD

9:15 am – 1:00 pm – Flamingo Room A – Case Report Session I

- 9:15 am **Altered mental status and myoclonus in a patient post anterior cervical discectomy and fusion**
Soo Kim, MD
University of Texas Medical Branch-Galveston
- 9:30 am **A Case Report of Seizure Under Burst Suppression with Propofol**
Brooke Maryak, MD
Mayo Clinic, FL
- 9:45 am **Epidural Ropivacaine in an Acute Exacerbation of Complex Regional Pain Syndrome, a Case Report**
Jared Landry, MD
Louisiana State University
- 10:00 am **Scleroderma in Pregnancy: An Anesthetic Challenge**
Elaine Pages, MD
University of Miami
- 10:15 am **Acute Intraoperative Decompensation During Radiofrequency Liver Tumor Ablation**
David Nguyen, MD
University of Texas Medical Branch-Galveston
- 10:30 am **Primary cesarean section in a patient with Fibrodysplasia Ossificans Progressiva**
Ryan Guffey, MD
Emory University
- 10:45 am **Anesthetic and Critical Care Management of a 50-year-old Female with Atypical Hemolytic Uremic Syndrome - A Case Report**
Brian J. Goentzel, MD
Scott and White Hospital/Texas A&M College of Medicine
- 11:00 am -----BREAK-----

- 11:15 am **The Treatment of Protamine Induced Pulmonary Hypertension with Ketorolac: a Case Report**
 Kyle Kelly, MD
 University of Texas Medical Branch-Galveston
- 11:30 am **Perioperative Management for the Removal of a Massive Ovarian Cystadenoma**
 Joshua Bailey, MD
 Mayo Clinic, FL
- 11:45 am **Anesthetic Considerations for a Parturient With Muscular Dystrophy, Harrington Rod Instrumentation, and a History of Malignant Hyperthermia**
 Lindsay Attaway, MD
 Tulane University
- 12:00 pm **Stiff Person Syndrome, Propofol, and Anesthetic Considerations: A Case Report**
 Shital Patel, MD
 University of Mississippi Medical Center
- 12:15 pm **Anesthetic management for a case where significant hemorrhage is expected and compatible blood is not available due to an antibody against a common antigen: A review**
 Jared Boyd, MD
 University of Miami
- 12:30 pm **Pulmonary Embolism, Thrombocytopenia, and Epidural Anesthesia in a Term Parturient**
 Jason Carroll, MD
 University of Florida
- 12:45 pm **Unexpected Behavior of the Bispectral Index (BIS) in Patients after Brain Injury**
 Charles Mendoza, MD
 University of Miami

9:15 am – 1:00 pm – Flamingo Room B – Case Report Session II

- 9:15 am **Eosinophilic Fasciitis: Case report and Anesthetic Implications**
 Jessica Vickers, MD
 Mayo Clinic, FL
- 9:30 am **Anticipating the Biphasic Anaphylactic Reaction to Isosulfan Blue and the Need for Postoperative Monitoring**
 Natalie R. Kahane, MD
 University of Texas Health Science Center San Antonio
- 9:45 am **Venous Air Embolism During Cesarean Section-A Case Report**
 Jimmy Le, MD
 University of Texas Medical Branch-Galveston
- 10:00 am **Right Ventricular Outflow Tract Tachycardia**
 Shiraz Yazdani, MD
 Texas Tech University Health Sciences Center
- 10:15 am **Awake Craniotomy in a Rheumatoid Arthritis Patient with Difficult Airway Class Using Dexmedetomidine: A Case Report**
 Karínés Rivera, MD
 University of Puerto Rico-Medical Sciences Campus
- 10:30 am **Anesthetic Implications in a Patient with Smith-Magenis Syndrome- A Case Report**
 César Hernández-Arroyo, MD
 University of Puerto Rico-Medical Sciences Campus

10:45 am **Second Epidural for Wound Debridement with Subsequent Blood Patch After Prior Accidental Dural Puncture and Post Dural Puncture Headache in a Super Morbidly Obese Patient**

Jean Hsu, MD

University of Texas Medical Branch-Galveston

11:00 am -----BREAK-----

11:15 am **Stress-induced Cardiomyopathy Immediately After a Preterm Cesarean Delivery with Prolonged Neuromuscular Blockade: A Challenging Case Report**

Linda T. Pearson, MD

Scott and White Hospital/Texas A&M College of Medicine

11:30 am **The Difficult Obstetric Airway: A Review and Case of Morquio Syndrome with Juvenile Polyarticular Arthritis**

Angeline K. Sawicki, MD

Scott and White Hospital/Texas A&M College of Medicine

11:45 am **Adenosine Administration in the Pediatric Patient for Medically Induced Hypotension During Attempted Endovascular Coiling of a Vein of Galen Brain Malformation.**

Christopher Moser, MD

University of Florida

12:00 pm **Aberrant Activation of the Bezold-Jarisch Reflex After Spinal Anesthesia Block Placement**

Clayton Adams, MD

Texas Tech University Health Sciences Center

12:15 pm **Airway Management in a Patient with Adult Onset Disseminated Xanthogranulomatosis**

William McCoy, MD

University of Florida

12:30 pm **Mediastinal Mass in a Parturient**

Alisha Palliser, MD

Wake Forest University

12:45 pm **Spinal Anesthesia for Laparoscopic Pyloromyotomy**

Titilopemi Aina, MD

University of Florida

9:15 am – 1:00 pm – Flamingo Room C – Literature Review

9:15 am **Acupuncture in Pregnancy, Labor, and Delivery**

Anna Woodbury, MD

Emory University

9:30 am **Postoperative Delirium: The Last Two Years**

Matthew R. McDaniel, MD

Duke University

9:45 am **Industrial Diving Physics, Complications, and Anesthetic Implications: A Review**

Amy Brummer, MD

University of Texas Medical Branch-Galveston

10:00 am **Post-surgical Ischemic Optic Neuropathy**

Ryan Guffey, MD

Emory University

- 10:15 am **Anesthetic Considerations of a Patient with Hereditary Hemorrhagic Telangiectasia (HHT)**
Eric Glenn, MD
Tulane University
- 10:30 am **Acute Respiratory Distress Syndrome and Obesity: A literature review**
Sebastián Gatica, MD
University of Puerto Rico-Medical Sciences Campus
- 10:45 am **Anesthesia Related Learning Disabilities in the Pediatric Population**
Adam D. White, MD
University of Arkansas for Medical Sciences
- 11:00 am -----BREAK-----
- 11:15 am **Cost Reduction in Anesthesia**
Ryan Thrower, MD
University of Arkansas for Medical Sciences
- 11:30 am **Comparison of Caudal Block Contents in the Pediatric Population**
Megha Karkera, MD
University of Arkansas for Medical Sciences
- 11:45 am **Does Regional Anesthesia Decrease Cancer Recurrence? A Literature Review**
Olga Nin, MD
University of Florida
- 12:00 pm **The Clinical Relevance of Noninvasive and Continuous Hemoglobin Measurement**
Quincia Williams, MD
University of Texas Southwestern Medical Center
- 12:15 pm **Trigeminal Neuralgia, Tic Douleureux, The Suicide Disease, How**
Michael Hana, MD
University of Texas Southwestern Medical Center

9:15 am – 1:00 pm – Flamingo Room D – Original Research

- 9:15 am **Preoperative Ultrasound Findings in Patients Undergoing Brachial Plexus Repair**
Jonathan Renew, MD
Mayo Clinic, FL
- 9:30 am **Does Nitrous Oxide Produce an Additive Change in the MAC Intubation of Sevoflurane in Children?**
Lalitha Sundararaman, MD
University of Miami
- 9:45 am **Optimizing Thrombin Concentration to Preserve & Promote Neuronal Growth & Viability**
Anna Woodbury, MD
Emory University
- 10:00 am **An Analysis of Intraoperative Fire Safety Preparedness**
Amit Yajnik, MD
Ochner Clinic Foundation
- 10:15 am **The Role of Pediatric Advanced Life Support Training in Anesthesiology Resident Medical Education**
Karri Bernal, MD and Maria Garcia, MD
University of Texas Health Science Center San Antonio

- 10:30 am **Does a premeditation assessment reduce adverse outcomes in patients undergoing transesophageal echocardiogram?**
John Vu, MD
Ochner Clinic Foundation
- 10:45 am **Comparison of Ropivacaine/fentanyl/epinephrine for laboring epidural analgesia versus ropivacaine/fentanyl versus ropivacaine alone**
Adam Lasseeter, MD and Samir Patel, MD
University of Texas Health Science Center San Antonio
- 11:00 am -----BREAK-----
- 11:15 am **Ultrasound-Guided Adductor-Canal Blockade for Postoperative Analgesia after Knee Arthroscopy: A Randomized, Double-Blind Prospective Study**
Nathaniel Duhon, MD
Ochner Clinic Foundation
- 11:30 am **Acute Kidney Injury in the Gynecologic Surgical Patients**
Arthur J. Vaught, MD
University of Florida
- 11:45 am **Pain Outcomes in Robotic-Assisted Thoracic Surgery**
Salaman Mian, MD
University of Alabama Birmingham
- 12:00 pm **Patient Medication Compliance on the Day of Surgery: Effects of Providing Patients with Standardized Written Medication Instructions**
Michelle Downing, MD
University of Alabama Birmingham
- 12:15 pm **Failed Back Surgery Syndrome is Predicted With Greater Sensitivity Using Machine Algorithms**
David Edwards, MD
University of Florida
- 12:30 pm **Fentanyl as an Adjunct to Bupivacaine in Spinal Anesthesia to Reduce Intraoperative Nausea During Uterine Exteriorization and Internalization in Elective Cesarean Section Patients**
Pamela Fernández, MD
University of Puerto Rico Medical Sciences Campus
- 12:45 pm **Real time determination of inspiratory plateau pressure (P_{plt}), respiratory system compliance (C_{rs}) and resistance (R_{rs}) without the need for an end-inspiratory pause**
Nawar Al-Rawas, MD
University of Florida

[1:00 pm – Flamingo Pre Foyer – Visit GAARRC Sponsors and Exhibitors](#)

[1:00 pm – Condado Room 9th Floor](#)

[Lunch Meeting for Program Directors or Delegates](#)
[Future Direction of GAARRC – Dr. Keith Candiotti](#)

[6:00 pm- 10:00 pm – Atlántico Redondel](#)

[Welcome Reception/Cocktail](#)

--- Sunday, April 29, 2012 ---

7:00 am – 8:30 am – Flamingo Foyer – Registration and Continental Breakfast

8:30 am – 11:00 am – Flamingo Room A – Case Report Session III

- 8:30 am **Massive Pulmonary Embolism in a Morbidly Obese Parturient**
Melanie McKissack, MD
University of Texas Medical Branch- Galveston
- 8:45 am **Papillary Muscle Rupture After Acute Myocardial Infarction: A Grave Prognosis (Case Report)**
Vikas Kumar, MD
University of North Carolina Chapel Hill
- 9:00 am **Amniotic Fluid Embolism and Perimortem Cesarean Section**
Brian Burrough, MD
University of Miami
- 9:15 am **Case Report: Combined Spinal Epidural (CSE) Anesthesia and Fetal Muscle Relaxation for Percutaneous Umbilical Blood Sampling (PUBS) and Fetal Intravascular Transfusion (FIT) in an Obstetric Patient with Antiphospholipid Syndrome**
Siam Sukumvanich, MD
Mayo Clinic, FL
- 9:30 am **Anesthetic Considerations for heterotopic intrauterine and cervical pregnancy**
Nerma Basic Scharr, MD
University of Mississippi Medical Center
- 9:45 am -----BREAK-----
- 10:00 am **Massive Transfusion in a Patient with Placenta Percreta Invading the Urinary Bladder**
Tuyet Ha D. Nguyen, MD
University of Texas Health Science Center San Antonio
- 10:15 am **Successful Epidural Anesthesia for Cesarean Section in a Parturient with a Lumboperitoneal Shunt**
Rebecca Johnson, MD
Tulane University
- 10:30 am **Carbon Dioxide narcosis and Respiratory Failure Following Laparoscopic Cryotherapy**
John Longanecker, MD
Texas Tech University Health Sciences Center
- 10:45 am **Case Report: Pregnant Patient With History of Peripartum Cardiomyopathy Presents for Bilateral Ovarian Cytectomy and Subsequent Cesarean Section**
Neel Thomas, MD
Wake Forest University

8:30 am – 11:00 am – Flamingo Room B– Case Report Session IV

- 8:30 am **High Frequency Jet Ventilation in Laser Laryngeal Surgery**
Perene Patel, MD
Mayo Clinic, FL

- 8:45 am **A Case Report: Unique Considerations for Hand Transplantation**
Hailey Gillis, MD
Emory University
- 9:00 am **Exhalatory Valve "Lock" in Portex 1st Response Adult Manual Resuscitators**
Ronak Desai, MD
University of Texas Medical Branch-Galveston
- 9:15 am **Anesthetic Management of Amyotrophic Lateral Sclerosis**
Charlotte Walter, MD
Texas Tech University Health Sciences Center
- 9:30 am **Effect of Positioning on MEP and SSEP monitoring**
Lillian V. Zamora, MD
University of Mississippi Medical Center
- 9:45 am -----BREAK-----
- 10:00 am **An Uncommon Approach to the Management of Placenta Percreta With Bladder Wall Invasion**
Kathryn Cobb, MD
University of North Carolina Chapel Hill
- 10:15 am **Neuraxial Spread After an Ultrasound-Guided Posterior Lumbar Plexus Block: How Do We Stop Epidural Spread?**
Lindsey Keys, MD
University of Texas Southwestern Medical Center
- 10:30 am **Acute Upper Airway Obstruction Due to Space Neck Infection in a Toddler: Airway Management and Anesthetic Considerations**
Todd Peacock, MD
Wake Forest University
- 10:45 am **Recovery From Intraoperative Tumor Thrombus Embolization With Total Cardiovascular Collapse During Resection of Renal Tumor Invading the Inferior Vena Cava**
Christopher Terry, MD
University of North Carolina Chapel Hill

8:30 am – 11:00 am – Flamingo Room C– Case Report Session V

- 8:30 am **Management of Trauma Patient with Bullet Lodged in Wall of Inferior Vena Cava**
Karvier Yates, MD
Texas Tech University Health Sciences Center
- 8:45 am **Acute Aortic Occlusion Presenting As Paraplegia. A catastrophic complication to an elective surgery: a case report**
Robert McClain, MD
Mayo Clinic, FL
- 9:00 am **Case Report: Large Left Atrial Mass: An Unusual Presentation and Complex Physiology**
Harrison Kibe, MD
University of North Carolina Chapel Hill
- 9:15 am **Paravalvular leak of Aortic Valve Prosthesis in 67-year-old Male With Endocarditis**
Rahul Mishra, MD
Texas Tech University Health Science Center
- 9:30 am **Magnets and Implantable Cardioverter Defibrillators: What's the Problem?**
Fouad Souki, MD
University of Miami
- 9:45 am -----BREAK-----

- 10:00 am **Fiberoptic assisted extraction of endotracheal tube secretions using a Fogarty arterial embolectomy catheter in a patient with ARDS and a known difficult airway: Case Report**
Matthew Engel, MD
University of North Carolina Chapel Hill
- 10:15 am **A Case of GI Bleed and Supratherapeutic INR From Duloxetine in a Chronic Lower Back Pain Patient on Concurrent Warfarin Therapy**
Peter Vu, MD
University of Texas Southwestern Medical Center
- 10:30 am **Local Anesthetic Induced Cardiovascular Collapse after Supraclavicular Block: The Role of Intralipid Infusion in Successful Resuscitation**
Rhashedah Ekeoduru, MD
University of Texas Southwestern Medical Center

8:30 am-11:00 am – Flamingo Room D – Original Research / Case Report Session VI

- 8:30 am **A Comparison of the efficacy of Continuous Nerve Block With Stimulating Catheters Palced Under Ultrasound Guidance Versus Nontimulating Catheters Placed Under Ultrasound Guidance: Preliminary Results**
Aaron Shinkle, MD
University of Alabama Birmingham
- 8:45 am **The Application of Social Network Analysis and Graph Theory in a Comprehensive Stroke Center**
Jennifer Chang, MD
University of Florida
- 9:00 am **Mass-Casualty Events and the Anesthesia Department: Analysis of the Perioperative Surge and Management After an EF4 Tornado April 27,2011 Birmingham, AL**
Michael Long, MD
University of Alabama Birmingham
- 9:15 am **Network Analysis of Operating Room Communications**
Sephahie Patel, MD
University of Florida
- 9:30 am **The preoperative evaluation – what every resident should know**
Titilopemi Aina, MD
University of Florida
- 9:45 am -----BREAK-----
- 10:00 am **Video Laryngoscopy: Despite an Excellent View, Still Can't Intubate More Than a Few**
Nick Sparler, MD
Wake Forest University
- 10:15 am **Complex perioperative pain management in a nine year old child with Hypertrophic Cardiomyopathy following traumatic lower limb injury requiring multiple operative procedures including a below the knee amputation**
Otis Burnett, MD
University of North Carolina Capell Hill
- 10:30 am **Persistent Hiccups Following Caudal Epidural Steroid Injection (Case Report)**
William Epps, MD
University of Texas Southwestern Medical Center

11:00 am – 12:30 om – Flamingo Pre Foyer – Visit GAARRC Sponsors and Exhibitors

12:30 pm – Las Olas – Awards and Lunch for Residents and Judges