

Ambulatory Anesthesia (AM)

(SAMBA): Ten Things You Need to Know About Practice Management for Ambulatory Surgery Centers

A 30-minute Anesthetic with a 30 Day Impact?

All GI Endoscopies Need Propofol Sedation Versus Propofol Should be Used on Need-Only Basis

Anesthesia for NORA: GI and Bronch Suites

Best Practices for Ambulatory Anesthesia for Geriatric Patients

Clinical Utility of Advance Monitoring in Ambulatory Patients

Controversies in the GI Suite? Two Debates

Death, Risk, Elimination and Mitigation in the Dental Setting

Drugs, Devices and Guidelines-Improving the Safety in GI Endoscopy Through Innovation and Improvisation

Enhanced Recovery After Ambulatory Surgery: Who Cares? The Patient is Going Home, Anyways!

NORA: Challenges, Safety, Efficiency and Leadership

Office Based Surgery and Anesthesia Practice: Improving Outcomes and Patient Safety

Paravertebral Blocks for Outpatient Breast Surgery: A Score to Settle

Pediatric Ambulatory NORA Techniques for MRI / GI Procedures

Pediatric Patient Selection for Ambulatory Surgery: ASC Versus Hospital-based

Preoperative Evaluation of the Ambulatory Patient

Pre-procedural Evaluation of Patients Presenting for GI Endoscopy – Navigating Through Uncharted Waters

Snap Talk: Updates on Anesthesia for Patient Requiring Ophthalmic Surgery

You Want Me to Give Anesthesia Where?

Cardiac Anesthesia (CA)

(SCA) 2019 Updates in Percutaneous Cardiac Valve Repairs and Replacements

CODE Electrophysiology: When Bad Things Happen – Are You Prepared?

An Update on One Lung Ventilation

Carotid Endarterectomy: Past, Present and Future!

Coagulation Factor Concentrates: When are They Indicated for Perioperative Coagulopathy?

Electrophysiology Lab-Who Is the Best Anesthesia Provider for the Job?

Heroics Outside the Heart Room: TEE for Unexpected and Unexplained Shock in Non-Cardiac Surgery

Intraoperative Hypotension and Postoperative Adverse Events: What You Need to Know and What Can You Do About That?

Intraoperative Thoracic & Airway Disasters: Don't Just Stand There, Do Something!

Lung Isolation in the Patient with a Difficult Airway

Mechanical Circulatory Support (MCS) Devices for the Left Ventricle... Go with the Flow...

Minimalistic Anesthesia for Open Cardiac Surgery – Crazy or the Future of Our Field?

New Strategies in the Management of Atrial Fibrillation

Noncardiac Surgery in Patients with Asymptomatic Aortic Stenosis or Mitral Regurgitation

Percutaneous Approaches to Implantation and Repair of Aortic, Mitral, and Tricuspid Valves (Part 1)

Percutaneous Approaches to Implantation and Repair of Aortic, Mitral, and Tricuspid Valves (Part 2)

Perioperative Hemostasis in High-Risk Cardiac Surgery Patients

Perioperative Management of Thoracoabdominal Endovascular Aortic Repairs

Post Cardiotomy Vasoplegia: A Brave New World? State-of-the-Art 2019

Present and Future of Thoracic Anesthesia

Snap Talk: Cardiovascular Critical Care: The First 72 hours

Snap Talk: Evidence-Based Updates in Cardiac Anesthesia

Snap Talk: Pulmonary Hypertension Management in the Perioperative Period

Snap Talk: When the Right is No More...The Tale of Right Heart Failure

Subcutaneous Implantable Cardioverter Defibrillator – The New Kid on the Block. Do You Know How to Handle It?

The Crossroads of Frailty, Delirium and Neurocognition in Cardiac Surgery - Where Do we Stand - State of the Art 2019

The Wave of the Future: Rescue Transthoracic Echocardiography for Non-Cardiac Anesthesiologists

Updates on Pacemakers and ICDs for Anesthesiologists

Urgent Surgeries in Patients With Recently Placed Coronary Artery Stents and History of Hyper-coagulable Disorders

Critical Care Medicine (CC)

(SOCCA) Critical Care Year in Review

Airway Management in the Intensive Care Unit

Anesthesia Centric ACLS (AACLS)

Central Line Insertion: State-of-the-Art in 2019

Clinical Understanding of Hemodynamic Management

Controversies in High Risk Anesthesia and Critical Care

Critical Care Point of Care Ultrasound for the Non-Critical Care Trained Anesthesiologist

Critical Illness Survivorship

Critically Speaking in the Perioperative Period: 5 topics in 50 Minutes

Emerging Strategies in Massive Transfusion: The Products, Pharmacologic Adjuvants, and Patients

End Organ Dysfunction and Perioperative Outcomes

Frontiers in End of Life Care for Anesthesiologists

Gas Exchange and Respiratory Mechanics: Respiratory Physiology in One Hour or Less.

Improving Outcomes for Life Threatening Airway Emergencies in the ICU and the OR: Cases that can Take Your Breath Away

Intraoperative Critical Care: How Best to Succeed When All Seems Lost

Intraoperative Lung Protective Mechanical Ventilation: Is There Room to Improve Outcome?

Is a Central Line Necessary for the Safe Infusion of Vasoactive Drugs?

Mechanical Assist Devices: State of the Art in 2019. Temporary and Permanent Devices in the Perioperative Period

Mind The Gap- Women in Critical Care Medicine

Nuances of Mechanical Circulatory Support in the Perioperative Period

Patient Blood Management: A Poster Child for the Perioperative Surgical Home

The Limits of Critical Care: Patients and Resources

The Role of Artificial Intelligence (AI)/Machine Learning Strategies in Improving ICU Bed Utilization, Standardization of Care and Infection Prevention

Thinking About Thinking. Cognition and Decision Making in Clinical Anesthesiology

Transthoracic Echocardiography in the Perioperative Setting: A Case-based Discussion

Ultrasonography in Cardiopulmonary Resuscitation

Understanding Medical Accidents

Fundamentals of Anesthesiology (FA)

(STA) Invigorating Clinical Anesthesiology by Implementing Science, Technology Innovation and Entrepreneurship

Anesthetic Mechanisms? What is Our Current Understanding?

Anticoagulants and Antiplatelets: To Bridge or Not to Bridge for the OR?

Approaches to Training in the Use of Emergency Manuals

Challenges and Controversies in Trauma Management (Part 1)

Challenges and Controversies in Trauma Management (Part 2)

Clean Sustainable Anesthesia – Green is the New Black

Cricoid Pressure, RSI and NPO; Where do We Stand in 2019?

Decision Making in Airway Management

Diagnosing Acid-base Disorders: Drs. Henderson, Hasselbalch, and Stewart Can All Work Together! (Part 1)

Diagnosing Acid-base Disorders: Drs. Henderson, Hasselbalch, and Stewart Can All Work Together! (Part 2)

Ellison C. Pierce Memorial Lecture: Respectful, Trusting Relationships are Essential for Patient Safety, Especially the Surgeon-Anesthesiologist Dyad

Emergency Manuals Implementation Collaborative Open Forum

Emery A. Rovenstine Lecture: The Future of the Physician Anesthesiologist

ESA Panel: What Can Be Learned for Perioperative Medicine from Clinical Trials in Europe

Excitation-Contraction Coupling and Mechanisms of Cardiac Arrhythmias

Extubation of the Difficult Airway with a Focus on Patient Outcomes

FAER-Helrich Research Lecture: Anesthetics, Surgery and Alzheimer's Disease; Hypotheses Come and Go

FAER-Swimming with Sharks: How Anesthesiologist Inventors Can Move Their Ideas Forward

Featured Session: Artificial Intelligence in Perioperative Medicine: Moving from Big Data to Smart Data

Featured Session: AUA: An Academic Perspective on the Future of Anesthesiology

Featured Session: IARS: Diversity of Talent: Effectively Leading a Multigenerational Workforce in the 21st Century

Featured Session: Perioperative Lung Dysfunction: New Understanding, New Approaches

Findings from the Outcomes Research Consortium

Global Perioperative Medicine: The International Perspective on ERAS Protocols

High Quality Peer Review: Why and How for Authors and Reviewers

Human Immunodeficiency Virus Infection: Update on Perioperative Implications for the Anesthesiologist in the 21st Century

I Don't Do Kids!: Managing Pediatric Disease in the Adult Patient

Initial Results of Clinical Trials

Innovative Oxygenation and Ventilation Techniques in Airway Management

Intraoperative Pulmonary Embolism: Application of Emerging Diagnostic and Treatment Options

Investigating Traditions, Dogmas and Myths in Anesthesia Practice

John W. Severinghaus Lecture on Translational Science: Personalized PEEP

Less Jolts From Your Volts: Electrical Safety in the Operating Room

Mass Casualties and the Anesthesiologist: It's Not Just About the OR Anymore

Measuring Anesthesiologists Quality: An International Perspective

Morbid, Super Morbid and Ultra Obesity: Large Challenge of the 21st Century Anesthesia Practice

Neuromuscular Transmission: What You Need to Know to Avoid Residual Paralysis

Occupational Infections: Risks for the Anesthesiologist-2019

Opioid-Free Anesthesia and Analgesia: A Clinical and Pharmacologic Review

Perioperative Brain Health Initiative: An International Quality Initiative

Perioperative Care of the Cancer Patient: A Multidisciplinary Perspective

Peri-operative Eye Injury

Perioperative Respiratory Depression: What, Why, How and What Now?

Rare Events that Could Leave Your Patient Seared and Your Career Well Done- Electrosurgical Safety and Fundamentals

Renin-Angiotensin System The Good, Bad and Ugly

Snap Talk: Controversies in Anesthesiology

Snap Talk: Patient Management When Transfusion is Not an Option

Submerged in SCUBA Procedures: NO Room for Accidents in NORA Deep Down in the Neuro-interventional Suite

Surgical Site Infections: What Really Matters

The APSF Panel: Practical Approaches to Improving Medication Safety

The Truth About Metanalyses? Case in Point

Trauma Anesthesiology: Perioperative Management of the Multi-trauma Patient

Weighing In: 5 Snap Talks in Obesity and Anesthesia

WFSA Panel-Global Equity and Safe In Surgery, Obstetrics and Anesthesia

Where Bits and Bytes Meet Flesh And Blood: The Patient Safety Threat of Medical Cybersecurity

Wood Library-Museum of Anesthesiology Patrick Sim Forum on the History of Anesthesiology: Is Research in Anesthesia History as Valuable as Research in Basic Science, Clinical Practice, and Quality and Patient Safety?

Wood Library-Museum of Anesthesiology: Lewis H. Wright Lecture: Improving Lung Function from ECMO to NO to eNO

You Really Want to Operate on this Patient? The Cirrhotic Patient Presenting for Surgery: Anesthesia Pearls and Pitfalls

Geriatric Anesthesia (GA)

Are Elderly Surgical Patients Different? Should We Offer Separate Training Experiences for the Anesthesiology Resident?

FAER Panel-Perioperative Considerations in the Cognitively Impaired Patient

Im Worried I'll Harm Him Before the Cancer Does: End of Life, Do Not Resuscitate, and Palliation in the Elderly.

Journal Symposium: What's New In the Old

My Patient is 92, has a DNR, and Wants to Have Elective Surgery!

One-Stop Shop for Geriatric Anesthesia: Be an Expert in ONE Session

Perioperative Brain Health Initiative: Update and Implementation Strategies Panel (Part 1)

Perioperative Brain Health Initiative: Update and Implementation Strategies Panel (Part 2)

Snap Talk: A Lightning Review of Clinical Frailty Assessment Tools That You Can Use Everyday

Snap Talk: Geriatric Hip Fractures: An Update on Perioperative Regional Analgesia

Updates for the Prevention and Management of Acute Postoperative Brain Dysfunction

Year in Geriatric Anesthesia: Important Publications That You May Have Missed

Neuroanesthesia (NA)

(SNACC) The Transparent Brain — Using Advanced Monitoring to Improve Perioperative Brain Health

Acute Ischemic Stroke: Addressing the Continuum of Care from Neuro IR to Neuro ICU

Anesthetic Considerations in Minimally Invasive Intracranial and Spine Surgery - Toward a Better Outcome

Anesthetic Management for the Patient Undergoing Complex Spine Reconstructive Surgery

Can I Really do a Neuraxial Anesthetic for Lumbar Spine Surgery?

Delirium Across the Perioperative Spectrum (Part 1)

Delirium Across the Perioperative Spectrum (Part 2)

Do the Eyes Have It? Clinical Applications of Pupillometry and Optic Nerve Monitoring

Evidence-Based Mythbusting in Neuroanesthesia

Interactive Intraoperative Evoked Potential Monitoring

Neuroanesthesia for the Occasional Neuroanesthesiologist

Neuroinflammation: Hot But Messy

Neurotrauma Part 1: Perioperative Management of Traumatic Brain and Spinal Cord Injury

Neurotrauma Part 2: Management of Traumatic Brain and Spinal Cord Injury - Beyond the Operating Room

Patients with Neurologic Conditions for Non-neurologic Surgery

Perioperative Stroke in Noncardiac Surgery

The Neuroanesthesia Editors Editorialize? The Best of Perioperative Neuroscience

The Squiggle-ology Primer: An Anesthesiologists Guide to Recognizing and Interpreting EEG signals

Obstetric Anesthesia (OB)

(SOAP) SOAP Survival Tools for the Complex Job in Today's World for an Obstetric Anesthesiologist

A Mother's Broken Heart: Obstetric Anesthesia in Heart Disease

Anesthesia for Cesarean Delivery

Anesthesia for Non-Obstetric Surgery During Pregnancy

Caring for the Pregnant Woman with Substance Use Disorder: What the Anesthesiologist Needs to Know!

Crash Course in Obstetric Anesthesia for the Non-Obstetric Anesthesiologist (Part 1)

Crash Course in Obstetric Anesthesia for the Non-Obstetric Anesthesiologist (Part 2)

Crisis Management on Labor and Delivery

Elevator Pitch: Best Articles in Obstetric Anesthesia from the Past Year

ERAS for Cesarean Delivery: The How and Why of Maternal Perioperative Care

Ethical Dilemmas in Obstetrical Anesthesiology

HELLP! How to Keep Moms with Preeclampsia Safe

Managing the Obstetric Anesthesia Service: Challenges and Solutions

Maternal Morbidity and Mortality? An Anesthesiologist's Role and Perspective

Post Dural Puncture Headache and Epidural Blood Patch Update

Postpartum Hemorrhage: How to Prepare for It, How to prevent It, and What to Do When Blood is Pooling on the Floor

Remifentanyl for Labor Analgesia: Here to Stay or Gone Tomorrow?

Separating Facts from Fads: Cutting Edge Obstetric Anesthesia for the Non-Obstetric Anesthesiologist

She has WHAT and Still Wants an Epidural?

SOAP Gertie Marx Lecture: Obstetric Anesthesia: Are We There Yet?

Spinal Anesthesia Following Failed Epidural for Cesarean Delivery

State of the Art Labor Analgesia

Tackling Complications from Obstetric Anesthesia

Ultrasound Use on Labor and Delivery

Pain Medicine (PN)

(ASRA-Pain) Let it Drip: Inpatient and Outpatient Intravenous Pain Therapies

A Woman's Pain in a Man's World: Is a Private Pain Practice Suited for a Woman?

Anesthetic Considerations of Patients with Implantable Pain Management Devices

Can Acute Post Surgical Pain Become Chronic? What is the Evidence?

Cancer Pain and Preoperative Evaluation: Is Your Patient Stable to Undergo Surgery?

Gabapentin: A Dangerous Adjunct in Multimodal Analgesia

Interpretation of Spinal Diagnostic Imaging Studies: Learning a Structured Approach

Medical Cannabis as a Substitute for Opioids: Are We Building an Ark or a Tower

Medical Cannabis: Is the Way it is Administered Effective in Chronic Pain Patients

Neuromodulation: Advancements, Best Practices and Evidence for Long Term Outcome

Persistent Post Surgical Pain: Pathophysiology and Preventive Strategies

Radiofrequency Ablation of the Spine and Major Joints, Updates on Technology and Outcomes

Regenerative Medicine: Something for the Anesthesiologist or Just a Fad?

Safety Issues Associated with Drugs Used in Interventional Pain Procedures

The Untold Story of Racial, Ethnic, and Sexual (LGBTQ) Minorities in Chronic Pain

Pediatric Anesthesia (PD)

(SPA) Updates from the SPA Craniofacial, Regional and Difficult Airway Registries

Advocating for the Pediatric Patient: A Focus on Dental Sedation Deaths, the Effects of Gun Violence, and the Opioid Epidemic

Anesthetic Considerations for Neonates: Term and Preterm

Complications in Pediatric Anesthesia? How to Stay Out of Trouble!

Controversies in Pediatric Anesthesia: Should the FDA Warning Affect Pediatric Anesthesia Practice?

Do You Need an IV to Perform Short Pediatric Procedure with Supraglottic Airway Management?

Hot Topics in Pediatric Anesthesiology: Editor's Picks 2019 (Part 1)

Hot Topics in Pediatric Anesthesiology: Editor's Picks 2019 (Part 2)

Inhalation Versus Intravenous Induction in Pediatric Patients: Which Practice is Best?

It Takes a Village: Building a Culture of Safety in Pediatric Anesthesia

Medication Errors and Medication Safety: Preventable Events in the Operating Room

Outcomes Research in Pediatric Anesthesia Panel (Part 1)

Outcomes Research in Pediatric Anesthesia Panel (Part 2)

Pediatric Airway Foreign Bodies and Button Batteries: Lessons Learned

Pediatric Anesthesia and Sleep Disordered Breathing: New Insights and Controversies

Pediatric Patients With Congenital Heart Disease for Non Cardiac Emergency Cases

Pediatric Post Tonsillectomy Pain and Hemorrhage

Pediatric Pre-Operative Considerations; NPO Status, Anxiolysis, Pregnancy Tests.

Pediatric Sedation: Methods to Enhance Safety

Pediatric Trauma Update

Snap Talk: My Worst Pediatric Airway

Snap Talk: Pediatric Anesthesia ABA MOCA Pearls

The Difficult Pediatric Airway

The Transgender Pediatric Surgical Patient? Important Fundamentals of Care

Update on the Opioid Crisis and Multimodal Pain Management

Perioperative Medicine (PE)

2019 Focused Updates on Perioperative Care of the Cardiac Patient Undergoing Noncardiac Surgery

2019 Update for MACRAs Physician-Focused Alternative Payment Model (PFPM) Emerging Options: A Multispecialty Perspective

Anesthesia Economic Urban Legends

Buprenorphine and Surgery : To Continue or Discontinue

Challenges in Perioperative Management of the Drug-abusing Patient

Ding, Dong, Independent Practice is Dead: Everyone is Working for Someone Now

Do We Often Leave the Patient Out of Our Preoperative Decision Making?

Does MIPS Reporting Improve Quality?

Enhanced Recovery Strategy - Principles, Practice and Implementation

ERAS for Thoracic Surgery: the Past, the Present and the Future

Facts, Myths and Perspectives Regarding Pediatric Surgical Homes and Pediatric Enhanced Recovery After Surgery Programs

Inflammation and Immune Modulation: The Good, the Bad, and the Ugly

Innovations in Preoperative Assessment and Optimization

Leading Change in Anesthesiology and Perioperative Medicine

Management Dilemmas: What to Do When You Can't Transfuse

Opioid Free Anesthesia: Is It Possible? Evidence From the Operating Room to the Clinic

Perioperative Myocardial Injury

Perioperative Patient Engagement: Why, What, How

Propofol for GI Endoscopy: Is it General Anesthesia or Deep Sedation?

Role of Anesthesiologists in Value-Based Perioperative Care and Healthcare Transformation

Snap Talk: GADA guidelines from the QMDA Committee

Snap Talk: Pearls of Preoperative Management: Combining Evidence-based Medicine and Thoughtful Medical Decision Making.

Snap Talk: Preoperative Dilemmas

Snap Talk: Recurrent Errors In Group Management

The Cardiac Patient for Noncardiac Surgery: What is New in 2019?

The Future of Anesthesia Training and Faculty Development: Education in Perioperative Medicine and Population Health

The Key Performance Indicators Your Hospital CEO Expects of Your Anesthesia Group

Vapers and Smokers: What Do I Need to Know?

Will Further Cardiac Testing Impact Decision Making?

A Collaborative Approach to Health Care with the Patient

Professional Issues (PI)

(SEA) SNAP Talk Panel: Managing the MAD Professional: How to Deal with Mean, Abusive, or Disruptive Person in the Workplace

Communicating with Patients: Lessons from the Closed Claims Project

Compensation Trends in Anesthesiology: A Report on the ASA Survey

Compliance 202 for the Anesthesiologist: The Joint Commission (TJC), US Pharmacopeia, and Medication Management

Decision-making, Situational Awareness, and Crisis Management: Improving Patient Safety in Anesthesia Practice

Decreasing Disruptive Behavior For Better Patient Outcomes: It Is Everyone's Responsibility

Developing Your Portfolio and Curriculum Vitae: Preparation for Professional Advancement

Do Perioperative Handoffs Really Cause Harm? If so, What Can We Do About It?

Embracing Quality Improvement: Key Steps You Can Take Today to Improve Yourself, Your Department and Your Hospital!

Fatigue Risk Management: Making Overnight Call Safer

Featured Session: FDA Update on Anesthetics: New Drug Approvals, IND and Labeling 101

Featured Session: Physician Suicide: What You Can Do to Save a Life

Harassment and Violence in the OR: Real threat/ Imagined? A Strengths-based Approach to Managing and Responding Effectively

History Panel-Do We Need Another Hero? Anesthesia History Rediscovered

Imminent Death Organ Donation: Is This Ethical and Should Anesthesiologists Participate?

Late-Breaking Panel-Burnout and Wellness: Who's Doing What and Why?

Let's Get Well! Implementing Resident Wellness from a Program Director, Chair, and GME/DIO Perspective

Mandatory Late Career Neurocognitive Testing to Assess Physician Fitness for Practice

Nuts and Bolts of Performance Measurement

Peer Review: Blame Game or Quality Improvement?

Professional Development: Teaching Techniques Available for the Anesthesiologist

Safety Tables: Practical, Real World Approaches to Analyzing Clinical Incidents and Improving Patient Safety

Snap Talk: Informed Consent for Anesthesia Procedures

Snap Talk: Pearls for Women-Advancement in Career and Leadership

Snap Talk: Pragmatic Well-being: Doing Something About It!

Suicide Among Anesthesiologists: Risk Identification and Interventions

When You Can't Run - Tactics and Strategies for Dealing with an Active Shooter or Hostile Intruder in the OR or ICU

Women In Medicine: Glass Ceilings, Sticky Floors and Everything in Between

Regional Anesthesia and Acute Pain (RA)

(ASRA-Regional) Modernizing Acute Pain and Regional Anesthesia Management for Total Joint Replacements

Acute Pain Management: Putting the Patient First

Acute Pain Service: Regional Anesthesia Challenges in Private Practice and Complex Pain Patients in Academic Practice

Best Strategies for Enhancing Recovery after Surgery (ERAS) for Major Orthopedic Joint and Spine Surgery

Do I as Anesthesiologist have an Impact on Cancer Outcomes?

Jeopardy as a Novel Learning Experience to Debate Controversies in Regional Anesthesia and Pain Medicine

Ketamine in Modern Anesthesia Practice: From the Perioperative Period to the Chronic Pain Clinic

Local Anesthetic Pharmacology and Toxicity: What Clinicians Need to Know in 2019

Moving from Pain Control to Outcomes Management

Nerve Injury After Peripheral Nerve Block: Evaluation, Management, Best Practices and Medicolegal Issues

Novel Non-Opioid Regional Analgesics in the Time of the Opioid Crisis

Opioid-Free Anesthesia Versus Opioid-Reduction: What is the Goal?

Opioid-sparing Pediatric Surgery with Regional Anesthesia – When, How, Clinical Pearls

Performance Metrics for Regional Anesthesia and Pain Medicine: Why and How? (Part 1)

Performance Metrics for Regional Anesthesia and Pain Medicine: Why and How? (Part 2)

Perioperative Opioids: Challenges and Opportunities for Preoperative Optimization and Coordinated Postoperative Care

Perioperative Outcomes: The Role of Regional Anesthesia and Pain Management

Persistent Postoperative Pain: Mechanisms and Modulators

Regional Analgesia and Thromboprophylaxis in the Trauma Population. What Do You Do When the National Guidelines Don't Help?

Snap Talk: Breaking into Leadership with the Women of Regional Anesthesia and Pain Medicine

Snap Talk: Learning Thoracic Wall Blocks is a Snap

Thoracic Epidural Analgesia for Major Abdominal Surgery in the Context of Enhanced Recovery Programs

Update on Nerve Blocks of the Upper Extremity

Updates of Our Understanding and Application of Lower Extremity Nerve Blocks

Updates on Anti-coagulation Guidelines for Regional Anesthesia and Pain Medicine