



2019

ANNUAL MEETING

Hyatt Lost Pines Resort
Lost Pines, TX
SEPTEMBER 5 - 8, 2019

2019 TSA Distinguished Service Award: **Mary Dahlen Peterson, MD, MSHCA, FASA, FACHE** Saturday, September 7, 9:30 - 10:00 a.m.



Mary Dahlen Peterson, MD, was born and raised in Houston, Texas. After graduating as valedictorian of St. Thomas Episcopal School, she went on to Texas A&M University majoring in zoology. While there, she worked her way through as a cook in the athletic dormitory, a research assistant for a political science professor, and other odd jobs like typing papers for other students (this was before word processing on computers). Texas A&M University was still a mostly male school – she was one of two women in an engineering calculus class out of 100 students. Despite her advisor discouraging her from applying to medical school, she plowed on and got her first choice - UTMB in Galveston.

While at UTMB, Dr. Peterson made life-long friends. She received the CIBA Award for Outstanding Community Service as the Director of the Rape Crisis Center, which organized medical students to assist women who came to

the ER as well as the Herman A. Barnett Memorial Award. Late in her junior year, she met her husband, Dr. Rafael Coutin, on the East Beach of Galveston as he rode in on his newly-purchased Hobie catamaran to the junior class party. It was love at first sight 40 years ago and they were married a little over a year later in Galveston.

Dr. Peterson enjoyed all her rotations, especially pediatrics. However, late in the process, she did an anesthesia rotation which convinced her to pursue a combination of the two specialties. She decided to stay at UTMB for her anesthesia residency while her husband did his cardiology fellowship. After being forged as an Arens'-Trained Anesthesiologist (ATA), she and her husband decided to practice in the under-served city of Corpus Christi. With a newborn in tow, she joined Dr. Leo Duflot at Driscoll Children's Hospital as the second full-time pediatric anesthesiologist. Dr. Coutin also joined a solo practitioner, so it was quite a juggling act with both on call every other night for the first five years with a newborn.

It was an exciting time to be a pediatric anesthesiologist as many new procedures were being tried to save children with severe congenital heart disease. She worked with a very talented CV surgeon, Dr. Jim Duff, who did the first arterial switch in Texas. The team went to international meetings to learn the latest and spent many hours laboring over children in the ICU. It was that work in the PICU that led to her second job. The PICU at that time was an open unit with a lot of nursing turnover and dysfunction. Dr. Peterson was asked by the CEO of the hospital to take on running the PICU. She had recruited two more pediatric anesthesiologists who also had other specialty boards in pediatrics and/or critical care. Along the way, she also earned her Master's Degree in Health Care Administration from Trinity University around the time she was President of the Texas Society of Anesthesiologists and pregnant with her third son.

Eventually, Dr. Peterson was asked to help with the new fledgling Medicaid health plan for the

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system. She became very interested in population health and trying to prevent many of the tragedies that she had witnessed in her 30 year career in the OR and ICU. She worked on programs to prevent pre-term births which have decreased from over 15% to less than 10% as well as early childhood caries, a preventable disease that affects many low-income children. Her work in these areas earned her the Distinguished Service Award from the Texas Pediatric Society. Dr. Peterson recently became the Executive Vice President and Chief Operating Officer of Driscoll Health System where she oversees all the clinical care in the health plan, and physician clinics throughout South Texas and the hospital.

From her early career, she participated in organized medicine. At that time, it was considered an honor and a privilege to join a medical society. She joined her local medical society as well as the Texas Society of Anesthesiologists, her second family. She eventually became a District Director and served on many TSA committees, most notably Economics and Governmental Affairs. She ultimately became President of TSA and then started to advance within the American Society of Anesthesiologists where she became the Director from Texas, Assistant Treasurer, Treasurer and now President-Elect. The journey has been filled with long conference calls and committee meetings, but it has been done with friends who want the same goal- to improve the practice of medicine now and for the future.

Dr. Peterson is grateful for the many individuals who encouraged her in this journey like Dr. Joe Annis, who gave words of encouragement the first time she came to the microphone as a

young delegate or Dr. Jim Turk, who stepped aside so she could become a TSA Director. And then there were the giants: Betty Stephenson who gave her an ASA Committee assignment and Jim Arens who, though a man of few words, gave great advice along the way. There were many other encouragers and friends like Dr. John Zerwas and Dr. Jim Grant who gave her the confidence that she could be a leader and could become President of the ASA.

Finally, this journey could not have been done without the support of family. Dr. Peterson is thankful for her parents and siblings who always believed she could accomplish her dreams, despite some of the beliefs at the time that women shouldn't become physicians. She is grateful for her husband, Rafael, who has put up with the conference calls and meetings and shouldered extra duties. He has been her guidepost, confidante, and best friend all along the way. Her three sons, Chris, Mark (and his wife Holly), and Steven are the ultimate joys in her life. They also made sacrifices along the way - no worries that they had a helicopter mom! They are fine men and Mark even decided to pursue anesthesiology, despite his parents' long hours. Final gratitude goes to the Creator who has blessed her with so much and hopes that she can return a little of those blessings back to others.

CHOOSE FROM AMONG 41 HOURS OF CONTINUING MEDICAL EDUCATION

These CME activities meet the formal CME requirements for the State of Texas annual medical license renewal, including:

Thursday Legislative Program - 3.0 CME hours

Workshops 12.0 CME hours

Friday - Sunday Scientific Program - 16.25 CME hours

Parallel Sessions 9.75 CME hours

INCLUDED IN THE ABOVE HOURS:

■ Ethics Sessions - 5.5 CME Hours

▼ MOCA® / MOCA 2.0® - 14.0 CME Hours

TSA 2019 ANNUAL MEETING SCHEDULE

THURSDAY, SEPTEMBER 5 - SUNDAY, SEPTEMBER 8

THURSDAY, SEPTEMBER 5

8:30 a.m. - 6:30 p.m.	TSA and CME Registration
9:00 - 10:00 a.m.	Continental Breakfast
10:00 - 11:00 a.m.	TSA House of Delegates
11:30 a.m. - 1:00 p.m.	Reference Committee #1
1:00 - 1:30 p.m.	Lunch Break (Boxed lunches will be available. Advance purchase is required.)
1:30 - 3:00 p.m.	Reference Committee #2
3:00 - 6:15 p.m.	LEGISLATIVE PROGRAM 3.0 CME credit hours 0.75 MOCA® / MOCA® 2.0 credits 0.75 Ethics credits Moderator: George W. Williams, MD, FCCP, FASA
3:00 - 3:45 p.m. ■ ▼	The Response to the Opioid Crisis: How Physician Anesthesiologists and the Government are Helping Shape the Future of Pain Management and Anesthesiology for Our Patients Vanila M. Singh, MD, MACM
3:45 - 4:45 p.m.	Balance Billing: Leading the Effort for Preserving Access and the Market While Getting Patients Out of the Middle Moderator: Sherif Z. Zaafran, MD, FASA Presenters: The Honorable Kelly Hancock The Honorable John Whitmire The Honorable Eddie Lucio, III The Honorable Trey Martinez Fischer The Honorable Tom J. Oliverson, MD
4:45 - 5:00 p.m.	Break
5:00 - 6:15 p.m.	Anesthesiology and the Practice of Medicine in Texas, Facts and Fiction. Nursing Myths Promoted in Texas Stephen Brint Carlton, JD

FRIDAY, SEPTEMBER 6

7:00 - 8:00 a.m.	Women Anesthesiologists Breakfast (Women Physicians Only - Meeting Registration RSVP Required)
7:15 a.m. - 12:30 p.m.	27th Annual TSA Golf Tournament: Wolfdancer Golf Club Shotgun Start at 7:30 a.m.
7:00 a.m. - 6:30 p.m.	TSA and CME Registration
7:30 - 8:00 a.m.	Continental Breakfast

■ Ethics Credits
▼ MOCA® 1.0 / MOCA® 2.0 Patient
Safety Credits

8:00 a.m. - 4:00 p.m.	FRIDAY SCIENTIFIC PROGRAM 6.0 CME credit hours 2.75 MOCA® / MOCA® 2.0 credits 0.75 Ethics credits
	Welcome and Introductions Vijaya Gottumukkala, MB BS, MD, FRCA
8:00 a.m. - 12:30 p.m.	Friday Morning Session Moderator: Maya S. Suresh, MD
8:00 - 8:45 a.m. ■ ▼	The Forgotten: The Antithesis of the Opioid Epidemic Enas S. Kandil, MD, MSc
8:45 - 9:15 a.m.	Gabapentinoids in Routine Anesthesia Practice: What is the Evidence? Erik C. Hustak, MD
9:15 - 9:50 a.m.	Ketamine As a Part of Multimodal Opioid Sparing Regimen: Is There a Role? Lori Ann Dangler, MD, MBA
9:50 - 10:00 a.m. ▼	Q & A
10:00 - 10:30 a.m.	Break
10:30 a.m.	Late Friday Morning Session Moderator: Richard P. Dutton, MD, MBA, FASA
10:30 - 11:05 a.m. ▼	Maternal Morbidity & Mortality in Texas: Is There a Role for Anesthesiologists in Improving Outcomes? Michelle Simon, MD
11:05 - 11:20 a.m.	Sugammadex: Hypersensitivity, Bradycardia, and Bronchospasm Samir J. Gandhi, MD
11:20 - 11:35 a.m. ▼	Aspirin and Perioperative Period: Update on Bleeding Risk J. Clint Tippet, MD, FASA
11:35 - 11:50 a.m.	Glycemic Control in the Perioperative Period - An Update Sally R. Raty, MD, MHA
11:50 a.m. - 12:05 p.m.	Supplemental Oxygen and Surgical- Site Infection: What is the Latest Evidence? Johanna B. de Haan, MD
12:05 - 12:20 p.m. ▼	Practice Advisory for Perioperative Visual Loss - An Update Russell K. McAllister, MD, FASA
12:20 - 12:30 p.m.	Q & A
12:30 - 1:30 p.m.	NON-CME LUNCHEON (Physicians Only - RSVP Required) Richard S. Teames, MD Sponsored by: Pacira BioSciences
1:30 - 3:30 p.m.	Friday Afternoon Session Welcome and Introductions Moderator: Steven G. Venticinque, MD
1:30 - 2:15 p.m. ▼	Association of Intraoperative Heart Rate and Blood Pressure with Cardiac Outcomes - Back to Basics Wendell H. Williams, III, MD

2:15 - 3:15 p.m.	From Print to Practice: Recent Publications That May Influence Future Anesthesia Care Girish P. Joshi, MB BS, MD, FFARCSI	2:30 - 3:00 p.m.	Past Women TSA Presidents Panel Mary Dale Peterson, MD, MSHCA, FASA, FACHE Deborah L. Plagenhoef, MD Catherine L. Scholl, MD Margaret A. Wilson, MD
3:15 - 3:30 p.m.	Q & A		
3:30 - 4:00 p.m.	Break		
4:00 - 6:00 p.m.	TSA House of Delegates	3:00 - 3:30 p.m.	Experiences from an ASA Legislative Fellow Kenisha W. Muse, MD
6:30 - 9:30 p.m.	TSA Welcome Reception		
8:30 - 9:00 p.m.	Golf Awards Ceremony & Acknowledgments Exhibit Hall	3:30 - 4:00 p.m.	Break
		4:00 - 5:00 p.m.	Resident Jeopardy Moderator: James F. Arens, MD Resident Teams: Brooke Army Medical Center Texas Tech University Health Sciences Center UT Houston McGovern Medical School
SATURDAY, SEPTEMBER 7			
5:30 - 6:30 a.m.	Rise & Shine Yoga Kelly D. Matlock, MD	5:00 - 6:00 p.m.	Key Contact Reception <i>Honoring TSA Key Contacts</i>
7:00 a.m. - 6:00 p.m.	TSA & CME Registration	6:00 - 7:00 p.m.	TSAPAC Reception <i>(Reception is open to TSA and ASA members only.)</i>
7:00 - 7:30 a.m.	Breakfast Exhibit Hall		
8:00 a.m. - 5:00 p.m.	SATURDAY SCIENTIFIC PROGRAM 6.5 CME credit hours 0.5 MOCA® / MOCA® 2.0 credits 0.75 Ethics Hours	7:00 - 10:00 p.m.	TSA Family Night Barbecue <i>(Advance Purchase Required)</i>
8:00 a.m.	Welcome and Introductions Moderator: Charles W. Whitten, MD	SUNDAY, SEPTEMBER 8	
8:00 - 8:45 a.m.	Physician Burnout in 2019 - Is It Real? John S. Scott, Jr, DO, MHA, FASA	7:00 a.m. - 6:00 p.m.	TSA & CME Registration
8:45 - 9:15 a.m.	Effective Pain Management in High Risk Patients: Role of Transitional Pain Service Dhanalakshmi Koyyalagunta, MD	7:00 - 8:00 a.m.	Continental Breakfast
9:15 - 9:30 a.m.	Q & A	8:00 - 11:00 a.m.	TSA Board of Directors Meeting
9:30 - 10:00 a.m.	Presentation of the Distinguished Service Award to: Mary Dale Peterson, MD, MSHCA, FASA, FACHE	8:00 a.m. - 12:00 p.m.	MOSCE Workshop NO CME PROVIDED Click Here for Program Details
10:00 - 10:30 a.m.	Break	8:00 a.m. - 12:00 p.m.	SUNDAY SCIENTIFIC PROGRAM 3.75 CME credit hours 1.5 MOCA® / MOCA® 2.0 credits 0.5 Ethics credits
10:30 a.m. - 12:30 p.m.	Welcome and Introductions Moderator: Evan G. Pivalizza, MD	8:00 - 9:45 a.m.	Welcome and Introductions Moderator: Russell K. McAllister, MD, FASA
10:30 - 11:20 a.m.	ASA Update Mary Dale Peterson, MD, MSHCA, FASA, FACHE	8:00 - 8:30 a.m.	Myths of Pediatric Anesthesiology for the General Anesthesiologist Katie B. Reding, MD
11:20 - 11:30 a.m.	Q & A	8:30 - 9:00 a.m.	Transfusion Update - Whole Blood is Back Srikanth Sridhar, MD, CMQ
11:30 a.m. - 12:30 p.m.	Betty P. Stephenson Lectureship Introduction: Scott E. Kercheville, MD, FASA Presenter: The Honorable Suzanne Harrison, MD	9:00 - 9:30 a.m.	2018 National Patient Safety Goals - A Review and Update Jacob B. Stetler, DO
12:30 - 1:30 p.m.	Lunch <i>(Lunch available in the exhibit hall. Advance purchase is required.)</i>	9:30 - 9:45 a.m.	Q & A
1:30 - 3:45 p.m.	Transition to Practice Program NO CME PROVIDED Click Here for Program Details	9:45 - 10:00 a.m.	Break
1:30 - 3:30 p.m.	Welcome and Introductions: Professional Development Moderators: G. Ray Callas, MD, FASA Patrick Y. Giam, MD, FASA	10:00 a.m. - 12:00 p.m.	Moderator: Holger K. Eltzschig, MD, PhD
1:30 - 2:00 p.m.	Engagement, Advocacy, and Practice of Medicine James F. Arens, MD	10:00 - 10:35 a.m.	Jehovah's Witness Patient: Management In 2019 Sonal N. Zambare, MD
2:00 - 2:30 p.m.	Past ASA Presidents Panel James F. Arens, MD Jeffrey S. Plagenhoef, MD, FASA The Honorable John M. Zerwas, MD	10:35 - 11:10 a.m.	Pre-Oxygenation Strategies with High Flow Nasal Cannula and Nasal PAP Ventilation Systems Practice Katherine B. Hagan, MD, FASA
		11:10 - 11:45 a.m.	Age-Adjusted Depth of Anesthesia and Delirium in Elderly Patients-An Update Deepinder Mann, DO
		11:45 a.m. - 12:00 p.m.	Q & A
		12:00 p.m.	Conclusion of Program

 Ethics Credits
 MOCA® 1.0 / MOCA® 2.0 Patient Safety Credits

WORKSHOPS / BREAKOUT SESSIONS

FRIDAY, SEPTEMBER 6

8:00 a.m. - 12:00 p.m.

DIFFICULT AIRWAY MANAGEMENT WORKSHOP

4.0 CME credit hours

Program Coordinators:

Radha Arunkumar, MD
Carin A. Hagberg, MD, FASA

Presenters:

Carlos A. Artime, MD
David Z. Ferson, MD
Stefanie R. Fischer, MD
Mary Ann Gurkowski, MD, FASA
Deepinder Mann, DO
Maria E. Matuszczak, MD
Naveen K. Mehra, MD
David W. Mercier, MD
Uma Munnur, MD
Dave N. Nanan, MD
Katherine C. Normand, MD
Pascal Owusu-Agyemang, MD
Christina A. Riccio, MD
Bettina A. Schmitz, MD, PhD, DEAA
John S. Scott, Jr., DO, MHA, FASA
Jagtar Singh Heir, DO
Srikanth Sridhar, MD, CMQ
Connie K. Tran, MD, FASA
January Y. Tsai, MD
Shital Vachhani, MD
Benjamin B. Vacula, MD, FASA
Christiane Vogt-Harenkamp, MD, PhD
Ashutosh Wali, MD, MBBS, FFARCSI
Andrew L. Zak, MD
Acsa M. Zavala, MD
Gang Zheng, MD

8:00 a.m. - 12:15 p.m.

Point of Care Ultrasound and Hemodynamic Monitoring (POCUS)

4.0 CME credit hours

Program Coordinators:

Dilip R. Thakar, MD
Jagtar Singh Heir, DO

Lectures:

Point of Care Ultrasound
Dilip R. Thakar, MD

8:00 - 8:30 a.m.

8:30 - 9:00 a.m.

9:00 - 9:30 a.m.

9:30 - 10:00 a.m.

10:00 - 10:15 a.m.

10:15 a.m. - 12:15 p.m.

Assessment of LV Function TEE
Christopher K. McQuitty, MD

Interesting Cases/Rescue TEE
Alexis L. McQuitty, MD

Live Demonstration of Point of Care Ultrasound
Dilip R. Thakar, MD

Break

Hands-On Ultrasound Workshop, ***
Point of Care Cardiac Ultrasound, Self-paced Workshop with Simulation, Live Models to Practice Trans Thoracic Echo

Elizabeth L. Herrera, MD
Sandeep Markan, MD, FCCP
Kazim H. Mirza, MD
Raja R. Palvadi, MD
Manu Sethi, MD
Jagtar Singh Heir, DO
Erin G. Sreshta, MD
Dilip R. Thakar, MD
Wendell H. Williams, III, MD

Ultrasound Guided Vascular Access Internal Jugular Access
January Y. Tsai, MD
Shital Vachhani, MD

Femoral Artery Cannulation
Michael B. Little, MD
Frank J. Villamaria, MD, MPH

Radial Artery Cannulation
Justin W. Wilson, MD

Peripheral Venom Access
Wendell H. Williams, III, MD

Non-Invasive Hemodynamic Monitoring
Piotr A. Kwater, MD

***** IMPORTANT: Pre-Registration and On-Site Check-in Required for the POCUS Workshop. Space will be limited to 50 attendees. Registration will be filled on a first come first serve basis. On-Site confirmation must be made at the TSA On-Site Registration Desk no later than 7:30 a.m. on Saturday, September 7, 2019. Attendees must be at the POCUS Workshop no later than 7:45 a.m. on Saturday, September 7, 2019. Attendees who do not confirm attendance will lose their place and it will be filled by the next person on the wait list. Registrants on the wait list should also be present at the Workshop no later than 7:45 a.m., and ready to fill any openings that may occur due to a no-show.**

WORKSHOPS / BREAKOUT SESSIONS

SATURDAY, SEPTEMBER 7

7:00 - 8:00 a.m.

Problem-Based Learning Discussion**

1.0 CME credit hour

Program Coordinators:

Amr E. Abouleish, MD, MBA, FASA
Bingshuang Fang, MD
Michael P. Hofkamp, MD

Case 1



Acute Aortic Dissection

James M. Anton, MD

Case 2



Navigating Professional Guidelines for Perioperative Management of Cardiac Patients for Non-Cardiac Surgery, Cardiac Stents, and Antiplatelet Therapy: Appraising Literature and Evidence for the Practicing Anesthesiologist

Davide Cattano, MD, PhD, FASA, CMQ

Case 3



A 4-Week Old Infant for Pyloromyotomy Just Diagnosed with RSV Yesterday. To Proceed or Not to Proceed? That is the Question!

Meera Gangadharan, MD

Case 4



Really? This Multiparous Woman Will Have a Trial of Labor After Caesarean Section (TOLAC)?

Michelle Simon, MD

**** IMPORTANT: Participation in the PBLD will be limited. Pre-Registration is required. To register, please click here.**

■ Ethics Credits

▼ MOCA® 1.0 / MOCA® 2.0 Patient Safety Credits

PARALLEL SESSIONS

FRIDAY, SEPTEMBER 6

8:00 a.m. - 4:30 p.m.	PEDIATRIC ANESTHESIA PARALLEL SESSION 6.75 CME credit hours 1.5 MOCA® credits 1.0 Ethics credit
8:00 a.m.	Introduction Lisa A. Caplan, MD
8:00 - 10:00 a.m.	Fundamentals of Pediatric Physiology Review Moderator: Rita Saynhalath, MD
8:00 - 8:45 a.m.	Airway and Pulmonary Physiology Ashley Bocanegra, MD
8:45 - 9:15 a.m.	Cardiovascular Physiology Olga Pawelek, MD
9:15 - 9:45 a.m.	Renal and Hepatic Physiology Neethu K. Chandran, MD
9:45 - 10:00 a.m.	Q & A
10:00 - 10:30 a.m.	Break
10:30 - 11:20 a.m.	Pediatric Pain Management Moderator: Priscilla J. Garcia, MD, MHA
10:30 - 10:50 a.m.	Emerging Peripheral Nerve Blocks Caitlin Sutton, MD
10:50 - 11:10 a.m. ▼	Benefits, Challenges, and How to Implement an Opioid Rotation Laura Torres, MD
11:10 - 11:20 a.m.	Q & A
11:20 a.m. - 12:20 p.m. ■	I'm Getting Sued - Risk Management & Deposition Moderator: David A. Young, MD, MEd, MBA, FASA Presenters: Jared Caplan, JD Lisa A. Caplan, MD Amy Nilsen, JD
12:20 - 12:30 p.m. ■	Q & A
12:30 - 1:30 p.m.	Lunch

■ Ethics Credits
▼ MOCA® 1.0 / MOCA® 2.0 Patient
Safety Credits

1:30 - 2:00 p.m.

Full Audience Interactive Sessions
Moderator: Lisa A. Caplan, MD

**Pediatric Anesthesia Jeopardy:
Audience Participation V&E-Polling**
Presenter: Ali Hassanpour, MD

2:00 - 3:00 p.m.

**Pediatric Anesthesia Interactive
PBLD**
Lisa D. Heyden, MD

3:00 - 3:05 p.m.

Q & A

3:05 - 3:20 p.m.

Break

3:20 - 3:50 p.m.
▼

**Common Preoperative Dilemmas
In Pediatric Anesthesia**
Moderator: Gijo Alex, MD
Presenter: Rita Saynhalath, MD

3:50 - 4:00 p.m.
▼

Q & A

4:00 - 4:30 p.m.
▼

Ask the Experts
Moderator: Alissa D. Doll, MD
Participants:
Julia H. Chen, MD
Ravish Kapoor, MD
Sarah Tariq, MD
Tally Goldfarb, MD

4:30 p.m.

**Conclusion of Pediatric Parallel
Session**

1:30 - 4:30 p.m.

**TEXAS PAIN SOCIETY
PARALLEL SESSION**
3.0 CME credit hours/MOCA® credits
1.5 Ethics credits
Coordinator: Dhanalakshmi Koyyalagunta, MD

1:30 - 2:15 p.m.
▼

**Cancer & Chronic Pain, Chronic Opiate
Therapy and Buprenorphine in the
Perioperative Patient**
Dhanalakshmi Koyyalagunta, MD

2:15 - 3:00 p.m.
▼

**Perioperative and Intra-operative
Considerations in Patients with
Implantable Devices**
C.M. Schade, MD, PhD, FIPP

3:00 - 4:00 p.m.
■ ▼

**Panel Discussion— TPS and TSA
Strategic Alliance Think Tank -
Delivering Optimal Care to the Pain
Patient Both at the Clinical and Societal
Level Amidst the Opioid Crisis**
Brian M. Bruel, MD
Vijaya Gottumukkala, MB BS, MD, FRCA
Maxim S. Eckmann, MD

4:00 - 4:30 p.m.
■ ▼

Q & A

4:30 p.m.

Conclusion of Program

LEGISLATIVE AND SCIENTIFIC PROGRAM OBJECTIVES

TARGET AUDIENCE

This activity is designed for anesthesiologists and resident anesthesiologists from Texas and surrounding states.

EDUCATIONAL METHODS

The educational methods consist of didactic lectures, workshops and hands-on sessions with opportunities for Q&A from the audience and panel discussions.

ACCREDITATION STATEMENTS

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Texas Medical Association and Texas Society of Anesthesiologists. The Texas Medical Association is accredited by the ACCME to provide continuing medical education for physicians.

LEGISLATIVE AND SCIENTIFIC PROGRAM OBJECTIVES *CONTINUED*

DESIGNATION STATEMENT

The Texas Medical Association designates this live activity for a maximum of 22.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Texas Medical Association designates the presentations “The Response to The Opioid Crisis: How Physician Anesthesiologists and the Government Are Helping Shape The Future Of Pain Management And Anesthesiology For Our Patients”, “The Forgotten: The Antithesis of the Opioid Epidemic”, “Panel Discussion TPS and TSA Strategic Alliance Think Tank - Delivering Optimal Care to the Pain Patient Both at the Clinical and Societal Level Amidst the Opioid Crisis/Q & A”, “I’m Getting-Sued-- Risk Management & Deposition/Q & A”, “Physician Burnout in 2019 – Is It Real?”, “Jehovah’s Witness Patient: Management in 2019” for a total of 5.5 hours in ethics/professional responsibility education. Ethics and/or Professional Responsibility Education topics are identified with ■.

Maintenance of Certification in Anesthesiology Program®, MOCA® and MOCA 2.0® are registered certification marks of The American Board of Anesthesiology®. A portion of the TSA 2019 Annual Meeting helps fulfill The American Board of Anesthesiology® (MOCA®) and MOCA 2.0® requirements.

This activity contributes to the patient safety CME requirement for Part II: Lifelong Learning and Self-Assessment of the American Board of Anesthesiology’s (ABA) redesigned Maintenance of Certification in Anesthesiology Program® (MOCA®), known as MOCA 2.0®. Please consult the ABA website, www.theABA.org, for a list of all MOCA 2.0 requirements.

Certification in Anesthesiology Program®, MOCA® & MOCA 2.0® topics are identified with ▼.

(Note: all MOCA® and MOCA 2.0® topics qualify for both this year)

PROGRAM OBJECTIVES

The practitioner of anesthesiology must possess the scientific background for clinical practice and must maintain state-of-the-art knowledge of not only the specialty, but of all additional related disciplines which may impact it. The anesthesiologist must serve as an expert in matters involving health care delivery, and serve as an informed provider/manager of clinical and educational services. The anesthesiologist must maintain an up-to-the-minute armamentarium of knowledge skills for the selection and use of complex equipment, pharmacological agents and procedures necessary for the provision of quality patient care. As more surgical procedures are performed outside the operating room, anesthesiologists must be familiar with the various clinical settings and medical emergencies with which he/she may be confronted. Anesthesiologists must consistently update their knowledge level and skills. At the conclusion of this CME activity, attendees should be able to:

- To discuss a more thoughtful approach to multimodal and multidisciplinary way to tackle the opioid crises as well as best practices adopted for the treatment of acute and chronic pain;
- To receive information on any new laws that affect a physician or facility’s ability to bill in Texas;
- For physician anesthesiologists to converse over the ways in which government defines scope of practice and the ways in which that definition can be affected through the executive and legislative branches of government;
- Explore the secondary effects of recent legislative efforts to combat the opioid epidemic on chronic pain patients;
- Identify clinical indications and contraindications for ketamine use in acute pain management;
- Discuss the pathophysiologic mechanisms of complications associated with the use of sugammadex;
- Contrast risks and benefits of perioperative aspirin therapy in non-cardiac, cardiac, and vascular surgery;
- Identify patient factors and surgical factors that place a patient at higher risk for POVL;
- Compare and contrast recent pertinent literature from leading high impact scientific publications and integrate this information into daily practice;
- Review the anesthetic implications of pediatric airway on induction, maintenance, and emergence from anesthesia;
- Review the appropriate work-up for a heart murmur diagnosed during a pre-operative assessment;
- Recognize the relevant perioperative concerns when providing anesthesia to children;
- Define stress in the health care environment and how stress effects healthcare professionals;
- Explore coping mechanisms and management of stress;
- Convey key trends and challenges facing the specialty in the market, legislative, and regulatory arenas;
- Analyze the current political climate as it relates to health care issues and review the current state of major health reforms;
- Discuss the value of advocacy by physicians and anesthesiologists to advance health care delivery and improve patient outcomes;
- Discuss gender diversity, inclusion, and leadership in advancing medicine and anesthesiology to improving patient outcomes;
- Review the major pre-operative, intra-operative, and post-operative complications associated with aortic dissection;
- Describe national and international professional guidelines in perioperative management of cardiac patients for non-cardiac surgery as well as risk prevention of cardiac ischemic events;
- Identify risk factors for hemorrhage in parturient;
- Recognize indication of point of care ultrasound and its impact on patient management;
- Discuss the timing and safety of regional and neuraxial anesthesia in children;
- Highlight major changes from the new 2019 patient safety of regional and neuraxial anesthesia in children;
- Familiarize themselves with strategies for pre-operative optimization of Jehovah’s witness patients;
- Become acquainted with what THRIVE is;
- Describe the key recommendations in the CDC guideline for prescribing opioids;
- Explore the secondary effects of recent legislative efforts to combat the opioid epidemic on chronic pain patients;
- Compare and contrast recent pertinent literature from leading high impact scientific publications and integrate this information into daily practice;
- Review the anesthetic implications of the pediatric airway on induction, maintenance, and emergence from anesthesia;
- Discuss renal and hepatic physiology difference between fetal/infant vs. Childhood/adolescence;
- Select appropriate cases for QL, ESP, and PECS blocks and differentiate when each block would be best utilized;
- Identify two components of the anatomy of a lawsuit;
- Define the relationship between the incidence of aspiration and nil per os status in the pediatric population;
- Construct an anesthetic plan that matches the patient condition;
- Discuss the assessment and management of a child with an upper respiratory infection pre-operatively;
- Recognize treatment gaps in complex pain patients who are admitted to the hospital for medical illness or surgery;
- Apply understanding of dominant factors in opioid prescribing that lead to opioid dependence to design a transitional pain service that provides appropriate opioid stewardship and promotes functional recovery;
- Define individual actions expected of each ASA member in order to advance the specialty and secure the future;
- Review the importance of advocacy and professional citizenship;
- Highlight major changes from the new 2019 patient safety initiatives;
- Analyze the clinical dilemma of how to effectively manage antiplatelet therapy, their benefits and their risks. Discuss the controversy surrounding the perioperative use of antiplatelet agent in patients with coronary artery disease and stents;
- Discuss the impact on your clinical practice by the following American Academy of Pediatrics’ updated guideline on the management of bronchiolitis: “Clinicians should not administer albuterol or systemic corticosteroids to infants with a diagnosis of bronchiolitis in any setting”;
- Formulate a management plan for massive transfusion protocols.

REGISTRATION INFORMATION AND EARLY REGISTRATION DISCOUNT

REGISTRATION FEES *(Fees include all parallel sessions and workshops.)*

	Early Registration Discount by August 1 st *	Late Registration August 2 nd to 24 th Or On-Site*
TSA Members	\$300	\$350
Non-Members	\$500	\$550
TSA Retired Members	\$100	\$100
TSA Resident Members	No Charge	No Charge
TSA Anes. Assistant Members	No Charge	No Charge
TSA Medical Student Members	No Charge	No Charge
Non-Member Medical Students	\$100	\$100
Non-Member Residents	\$100	\$100
Non-Member Anes. Assistants	\$100	\$100
Business Sessions Only <i>(House of Delegates, Committee Meetings, and Non-CME)</i>	No Charge	No Charge

PARALLEL SESSIONS ATTENDANCE ONLY

PEDIATRIC TRACK **ONLY:**

TSA Members	\$100	\$125
Non-Members	\$125	\$150

TEXAS PAIN SOCIETY **ONLY:**

TSA Members	\$100	\$125
Non-Members	\$125	\$150

POCUS Workshop

<i>Pre-Registration Required. Limit 50 participants</i>	No Additional Charge	No Additional Charge
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Problem Based Learning Discussion (PBLD)

<i>Pre-Registration Required. See Additional Page. Limit 8 participants per case.</i>	No Additional Charge	No Additional Charge
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RESIDENT ATTENDANCE ONLY

2019 TRANSITION TO PRACTICE PROGRAM **Only**

TSA Resident Members	No Additional Charge	No Additional Charge
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2019 MOSCE PROGRAM **Only**

TSA Resident Members	No Additional Charge	No Additional Charge
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*The early registration discount continues through Thursday, August 1st. Late registration begins August 2nd. After August 24th, you must register on-site at the meeting.

Registration fees are applicable to all physicians attending only one day or several days of the CME sessions. Please pre-register so that arrangements may be made for your participation in the meeting.

NOTE: TSA is not responsible for the security or safekeeping of attendees' property at any time. If you have any concerns, please contact the meeting facility.

CANCELLATION INFORMATION

For a full refund of registration and/or activity fees: Cancel in writing by 4:30 p.m. Friday, July 26th. Fax your cancellation to (512) 370-1655 or E-mail to info@tsa.org.

For a partial refund: Cancel between July 27th and August 16th for a refund of \$75 for registration. **There is no refund of social activities fees.**

No Refund: On or after August 17th, there is no refund for the registration fee or social activities fees.

Helpful Hints:

- Activity tickets will be available on-site on a limited basis.
- Dress is resort casual for all business meetings and social activities. Please remember to dress in layers as room temperatures fluctuate.
- Self-Parking at the hotel for overnight guests is complimentary. Valet and short-term parking are available as well.

For special assistance, including special facilities, rooms, and dietary requests, please contact the TSA office by phone at (512) 370-1659, by fax at (512) 370-1655, or by e-mail at info@tsa.org.

CONSENT FOR USE OF PHOTOGRAPHIC IMAGES

Registration and attendance at, or participation in, TSA meetings and other activities constitutes an agreement by the registrant to permit show management's use and distribution (both now and in the future) of the registrant or attendee image or voice in photographs, videotapes, electronic reproductions, audiotapes of such events and activities.

TSA 2019 ART EXHIBIT

Photography, painting, sculpture, basket weaving, and literary compositions will be accepted. All entries will be displayed at the 2019 TSA Annual Meeting. If you would like to participate in the TSA Art Exhibit, please contact the TSA at info@tsa.org for a submission form or additional information. All submission forms should be received no later than August 16, 2019.

TSA GRANTS PROGRAM AND EVENT SUPPORTERS

[Pacira BioSciences](#)Friday Non CME Luncheon
[U.S. Anesthesia Partners](#)Welcome Reception, Tote Bags, and Lanyards

HOTEL INFORMATION

MAKE YOUR ROOM RESERVATIONS DIRECTLY

HYATT LOST PINES RESORT

575 Hyatt Lost Pines Road, Lost Pines, Texas 78612

RESERVATIONS

Telephone: (512) 308-1234
Ask for "2019 Annual Meeting"

ROOM RATES

\$219 per night and a \$10 resort fee per night, single or double occupancy plus tax.

DEADLINE

The cut-off date for room reservations is July 15th *OR* after all the rooms in the block have been reserved, whichever comes first. After July 15th, the hotel will accept reservation requests on a "space available" basis only and rates may be higher.

ACTIVITIES

THURSDAY, SEPTEMBER 5

TSA REFERENCE COMMITTEES

Reference Committee #1 will meet from 11:30 a.m. - 1:00 p.m.

Reference Committee #2 will meet from 1:30 - 3:00 p.m.

Boxed lunches will be available from 1:00 - 1:30 p.m.

Cost for boxed lunches: \$30.00

(Advance purchase required.)

FRIDAY, SEPTEMBER 6

WOMEN ANESTHESIOLOGISTS BREAKFAST, 7:00 8:00 A.M.

Join other TSA female members for a breakfast to celebrate women in anesthesiology.

No Charge

(Women Physicians Only - Meeting Registration AND RSVP required)

TSA GOLF TOURNAMENT, 7:15 A.M. 12:30 P.M.

Wolfdancer Golf Course

The 27th Annual TSA Golf Tournament begins with a shotgun start at 7:30 a.m. Meet at the Pro Shop at 6:45 a.m. for pairings. Wolfdancer Golf Club's dress code prohibits denim, cut-off shorts and T-Shirts on the course and requires Bermuda length shorts if pants are not worn. Wolfdancer Golf Club is a soft-spike shoe facility. The tournament fee includes green fees, shared cart, practice balls, box lunch and refreshments on the cart, and prizes for first, second, and third place teams, the longest drive and closest to the pin.

Cost per player: \$175.00

(Advance purchase required.)

PLEASE NOTE: All players shall abide by the rules and regulations of the golf course. Individuals will be responsible for damage to golf carts, the golf course, clubhouse, and other facilities caused by their participation.

Only soft-spike golf shoes will be allowed.

FRIDAY NON CME LUNCHEON, 12:30 1:30 P.M.

Leveraging the Use of Regional Anesthesia to Minimize Opioids in Women's Health

Speaker: Richard S. Teames, MD

Sponsored by: Pacira BioSciences

No Charge

(Physicians Only - Meeting Registration AND RSVP required)

TSA WELCOME RECEPTION, 6:30 9:30 P.M.

Join TSA members, guests and exhibitors for the annual reception in the TSA Exhibit Hall. Cash bar with complimentary light hors d'oeuvres.

Sponsored by: U. S. Anesthesia Partners

No charge

SATURDAY, SEPTEMBER 7

RISE & SHINE YOGA with Kelly D. Matlock, MD 5:30 6:30 A.M.

Rise and Shine Yoga--This all-levels class offers physicians an opportunity to practice techniques for wellness of the body, mind, and spirit. The class uses mindful poses, movement, and breathing to assist the physician in achieving improved focus, strength, and mental clarity. Bring water and a mat (if you have one). Beginners welcome!

No Charge

LUNCH IN THE EXHIBIT HALL, 12:30 1:30 P.M.

No need to worry about leaving the hotel to go and grab lunch when you can join your colleagues and visit with exhibitors one last time before the hall officially closes. Lunch will be available for purchase.

Cost: \$35

(Advance purchase required.)

TSAPAC RECEPTION, 6:00 7:00 P.M.

Come and find out what the PAC does for you! This reception will give you the opportunity to network with your fellow TSA and ASA colleagues. Reception is open to TSA and ASA members only.

No Charge

TSA FAMILY NIGHT BARBECUE 7:00 10:00 P.M.

Join us Saturday evening for a true Texas tradition of music and Barbecue! Come for the country-western music provided by Austin-based artist Josh Patton and tuck into plenty of delicious food and entertainment that is suitable for the whole family. You will want to be on-site to place your winning bid at the TSA Annual Silent Auction! The TSA hopes to see you and your family on Saturday night!

Cost per person: \$50 Adults

\$20 Children (12 and under)

(Advance purchase required.)

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UT MD Anderson Cancer Center
Houston, TX

Justin W. Wilson, MD

Associate Professor
Director, Perioperative Echocardiography
Services
Dept. of Anesthesiology
UT Health Science Center at San Antonio
San Antonio, TX

Margaret A. Wilson, MD

Past TSA President
San Antonio, TX

David A. Young MD, MEd, MBA, FASA

Professor of Anesthesiology
Baylor College of Medicine
Committee Chair, Pediatric
Anesthesiology Simulation, CHSE
Medical Director, Pediatric Advanced Life
Support Program
Dept. of Anesthesiology, Perioperative, and
Pain Medicine
Texas Children's Hospital
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Andrew L. Zak, MD

Anesthesiologist
Baylor Scott & White Hillcrest
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Sonal N. Zambare, MD

Assistant Professor
Dept. of Obstetric Anesthesiology
Baylor College of Medicine
Houston, TX

Acsa M. Zavala, MD, MPH

Assistant Professor
Dept. of Anesthesiology & Perioperative
Medicine
UT MD Anderson Cancer Center
Houston, TX

The Honorable John M. Zerwas, MD

Past ASA & TSA President
Texas House of Representatives
District 28
Richmond, TX
Director, Center for Perioperative Medicine
Dept. of Anesthesiology
UTHealth McGovern Medical School
Houston, TX

Gang Zheng, MD

Associate Professor and Section Chief of
Head and Neck Anesthesia
Dept. of Anesthesiology & Perioperative
Medicine
UT MD Anderson Cancer Center
Houston, TX

GUEST SPEAKER

Richard S. Teames, BSN, MD

Anesthesiologist
National Clinical Director of Regional
Anesthesia
Envision Physicians Services
Fort Worth, TX

LEGISLATIVE PROGRAM

COORDINATORS

George W. Williams, MD, FASA

Associate Professor, Director of Critical Care
Program Director, Critical Care Medical
Fellowship
Associate Program Director,
Anesthesiology Residency
UTHealth McGovern Medical School
Houston, TX

Sherif Z. Zaafran, MD, FASA

President of the Texas Medical Board
US Anesthesia Partners
Houston, TX

LEGISLATIVE PROGRAM

SPEAKERS

Stephen Brint Carlton, JD

Executive Director
Texas Medical Board
Austin, TX

Vanila M. Singh, MD, MACM

Chief Medical Officer
US Dept. of Health and Human Services
Stanford, CA

The Honorable Kelly Hancock

Texas State Senate
District 9
North Richland Hills, TX

The Honorable John Whitmire

Texas State Senate
District 15
Houston, TX

The Honorable Eddie Lucio, III

Texas House of Representatives
District 38
Brownsville, TX

The Honorable Trey Martinez Fischer

Texas House of Representatives
District 116
San Antonio, TX

The Honorable Tom J. Oliverson, MD

Texas House of Representatives
District 130
Houston, TX

TRANSITION TO PRACTICE WORKSHOP

Coordinator: Jeremie J. Perry, MD, FASA

*For Residents and Recently - Graduated Anesthesiologists
Registration Required - Free of Charge*

SATURDAY, SEPTEMBER 7

1:30 - 2:00 p.m.	Engagement Advocacy in the Practice of Medicine Moderator: G. Ray Callas, MD, FASA Presenter: James F. Arens, MD
2:00 - 2:20 p.m.	Moderator: Stacey L. Norrell, MD Work Life Balance Penelope K. Duke, MD
2:20 - 2:40 p.m.	Hospital Politics Andy R. Hollenshead, MD
2:40 - 3:00 p.m.	Malpractice Coverage Clayton Devin, JD
3:05 - 3:25 p.m.	Essentials of the ACT Jeffrey S. Plagenhoef, MD, FASA
3:25 - 3:45 p.m.	Personal Finance Christopher T. Miller, MD

MOCK OBJECTIVE STRUCTURAL CLINICAL EXAMINATION WORKSHOP

Coordinator: Lisa R. Farmer, MD

This workshop is designed for residents and new graduates but open to all registered TSA members. Participants will rotate through 5 stations. Each 35-minute station will cover two scenarios common to anesthesia practice. Participants will practice communication and professionalism skills through role play and receive individual feedback from faculty facilitators.

Registration Required – Free of Charge

SUNDAY, SEPTEMBER 8

8:00 - 8:05 a.m.	Welcome Lisa R. Farmer, MD	Station 4 - Ethical Issues Shobana Murugan, MD Joshua Hauser, MD, MPH
8:05 - 8:20 a.m.	Introduction to OSCE Chelsey Casey, MD	
8:25 - 11:35 a.m.	Station 1 - Informed Consent and Treatment Options Kristina L. Goff, MD Alyssa Janousek, MD	Station 5 - Patient Safety and Quality Improvement Suzanne Northcutt, MD J. Clint Tippet, MD
	Station 2 - Peri-Procedural Complication Bingshuang Fang, MD Jason Alexander, MD	11:40a.m.-12:00p.m. Large Group Wrap Up Lisa R. Farmer, MD
	Station 3 - Communications with Other Professionals Beth M. Teegarden, MD Chelsey Casey, MD	

PROBLEM-BASED LEARNING DISCUSSION

Coordinators:

Amr E. Abouleish, MD, MBA, FASA

Michael E. Hofkamp, MD; Bingshuang Fang, MD

Participation in the Problem-Based Learning Discussion (PBLD) will be limited. All interested attendees are required to register for this workshop in advance. This is to insure that you will be provided with the case study information prior to the session. To register, please rank the following topics from 1 to 4 in order of preference below. Each registrant will be assigned a case based on rank and number of registrants.

You can register online at our website, www.tsa.org, or you can print this page with your ranked choices and email it to meetings@tsa.org or send it to 401 W. 15th St., Austin, TX 78701.

Saturday, September 7, 2019

7:00 - 8:00 a.m. **Problem-Based Learning Discussion**

1.0 CME credit hour

Please rank 1 through 4 in order of preference:

Acute Aortic Dissection

James M. Anton, MD

Navigating Professional Guidelines for Perioperative Management of Cardiac Patients for Non-Cardiac Surgery, Cardiac Stents, and Antiplatelet Therapy: Appraising Literature and Evidence for the Practicing Anesthesiologist

David Cattano, MD, PhD, FASA, CMQ

A 4-Week Old Infant for Pyloromyotomy Just Diagnosed with RSV Yesterday. To Proceed or Not to Proceed? That is the Question!

Meera Gangadharan, MD

Really? This Multiparous Woman Will Have a Trial of Labor After Caesarean Section (TOLAC)?

Michelle Simon, MD