



2018 ANNUAL MEETING

Hyatt Lost Pines Resort • Lost Pines, TX
SEPTEMBER 6 - 9, 2018



2018 TSA Distinguished Service Award:

H.A. Tillmann Hein, M.D.

Saturday, September 8, 9:30 - 10:00 a.m.

H.A. Tillmann Hein, M.D. was born in bombed-out Germany where food and shelter were scarce. From age 5 onward he worked for his and his brother's food. At age 16, sponsored by the Methodist Church, he spent a year in Seymour, TX, getting to know his future wife, Rebecca, and earning a high school diploma. Back in Germany, he graduated from secondary school with a Reifezeugnis and then, at the Westfälische Wilhelms-Universität, Münster, served as president of the student body at his department and became the youngest pharmacist in his state. Medical School at the Freie Universität of Berlin resulted in an M.D. degree, followed by research in Perinatal Pathology and a Ph.D. in Medicine degree. Postgraduate training in Germany concluded with Board Certification in that country, followed by residency training at Parkland Memorial Hospital in Dallas, TX, and Board Certification by the American Board of Anesthesiology.

Dr. Hein is married to Rebecca, a former teacher and school counselor. His daughter Bettina, a serial start-up entrepreneur is married to Andreas Göldi. They have 2 children, Louisa and Jakob. His son Florian, a banker, is married to Linda. They have 3 children, Anina and twins Ruben and Benjamin.

Dr. Hein's professional development can be described as a relentless quest to get and give honest answers. Involved in the then burgeoning field of pharmaceutical technology as a pharmacist, he heard the scope expansion ideology of his colleagues suggesting that it was his role to give medical advice to patients. He quickly realized that he was ill-equipped to do so and simply went to medical school. When having to decide on a medical specialty career, he was looking for the greatest and most important impact on life and saw that as the dividing line between life and death where anesthesiologists work daily.

In realizing that a physician's care of patients needs to be free from extraneous influences, he moved from Germany to the United States where he found the highest educational standards and the highest degree of physicians' freedom. He understood that freedom is not free and that it takes active participation in teaching, research and advocacy to preserve that freedom.

Every opportunity that he had he used to pass on clinical knowledge and skills to students, residents and fellows that would allow these trainees to become successful physicians.

When the AIDS epidemic struck, Dr. Hein conducted a study that showed retrograde migration of blood cells in flowing intravenous lines. This study received widespread attention, even in lay media, and as a result needleless injection systems were introduced. Policies were developed to guard against needle sticks and against using needles and vials on more than one patient. Likely, many lives were saved because of that.

Although initially described by European surgeons in the early 90s, laparoscopic cholecystectomy became rapidly



popular in the US; however, with a surprisingly high number of fatalities. Experts opined that only very healthy patients should be subjected to this new surgical technique. As the chairman of a quality assurance committee, Dr. Hein was looking for the root cause of the severe complications. He found it in the lack of understanding by both surgeons and anesthesiologists of the dynamically changing physiology of the pneumoperitoneum. In a series of papers, including one on patients who were on the wait list for a heart transplant, the safe management of laparoscopic cholecystectomy was established. The advice was reversed so that now the laparoscopic approach was especially indicated for the very sick.

Ideas for research projects always came out of quality inquiries. It has been Dr. Hein's concept that bad outcomes should never be accepted, and that rather knowledge and technology needed to be improved. As a result, some 200 full papers, abstracts and posters, as well as 2 patents were presented and those have by now been quoted by almost 800 other researchers. In this process, Dr. Hein rose to the rank of full professor.

When asked to serve as an alternate delegate to the TSA House of Delegates and then later serve on committees, Dr. Hein followed those calls. As chairman of the

Committee on Economics, he entered the then rather hostile environment of the Medicare Carrier Advisory Committee and became an effective advocate for anesthesiology by successfully modifying countless policies that otherwise would have made it difficult for anesthesiologists to practice. One stands out. In the 1990s, the federal Healthcare Financing Administration (HCFA) decided to reign in the abuses they perceived in regard to payments for “stand-by” services often not involving any personal contact of a physician with a patient. Unfortunately, anesthesiologists had also been labeled a “stand-by” service. That service, however, required a very intense personal interaction. Although, the American Society of Anesthesiologists had coined the term “Monitored Anesthesia Care”, HCFA’s policy draft threatened non-payment. Dr. Hein initiated a national protest and activities at several levels, but Medicare’s attitude only changed when Dr. Hein began negotiating with the operational staff at the Medicare carrier and convinced them that the policy would increase their expenses as well. The result was the insertion of language into the policy that has since guaranteed payment and has made it possible for anesthesiologists to be involved in endoscopic procedures. It now has an annual impact of at least \$3 billion on US anesthesiologists’ revenue at Medicare rates, and has created jobs for 12,500 anesthesiologists and/or anesthesiologist assistants and nurse anesthetists. When faced with the threat of a 25% payment reduction by the Texas Workers Comp System, Dr. Hein orchestrated fundraising from the large groups to finance an actuarial analysis. Armed with that and a forceful presentation, Dr. Hein walked out of the Workers Comp Administration not with a 25% cut but with a 12% raise. By now, that action has had an impact of \$200 Million on Texas anesthesiologists’ revenue. Likely the largest impact on the economics of American anesthesiologists came in 2009 when, in rather intense negotiations, Dr. Hein was able to remove the infamous “public option” language from the final version of the Affordable Care Act, also called Obamacare. Had that provision become law, it would have had a negative impact of over \$20 Billion per year, and to date over \$160 Billion, on anesthesiologists’ revenue. It is clear, that with such a drastic reduction in income, anesthesiologists would have left the field and medical students would not have entered it. American Healthcare would have changed. Dr. Hein was later asked to present an ASA award to the legislator who had shouldered the difficult congressional negotiations and had brought them to fruition.

Dr. Hein never campaigned for any office he held; he just answered the call to serve. When asked to serve as president of the Texas Society of Anesthesiologists, a serious opt-out threat came to his attention and swift action was needed. Again, a funding coalition of large groups was put together overnight, and a powerful lobby team was

financed. The opt-out threat went away, likely saving the ASA at least \$500,000.

In the advocacy arena, Dr. Hein has not only has reached into his own pocket but also does not tire to cajole other anesthesiologists to do the same and more. As a result, an increasing number of anesthesiologists understand the importance of political advocacy and open their homes for fundraisers and get involved at other levels. This bears fruit. At least three anesthesiologists thus became Texas legislators and a Maryland anesthesiologist serves in the US Congress. At a very critical juncture, three members of the US Congress called Dr. Hein from the floor of the house to solicit his advice on a pending vote.

Anesthesiologists are not just technicians to render patients insensitive to noxious stimuli. In Dr. Hein’s opinion, they are real people and it behooves their professional organizations to address all aspects of their lives. Thinking about that, he included some 24 recommends in his president-elect speech, a record number. Several of these recommends have been implemented and may survive.

In addition to serving in various capacities at ASA and TSA, Dr. Hein has also served as president of Dallas County Anesthesiology Society, as a committee member at Dallas County Medical Society and Texas Medical Association, as Chairman of the Texas Surgical Quality Collaborative, as a member of the Board of Directors of the Sepsis Foundation, as President of the Dallas Goethe Center, and as Chairman of the Texas German Day Council. He is a Professor of Clinical Anesthesiology at the University of Texas Southwestern Medical School and has served as a Visiting Professor at several US and European Universities. He is a founding shareholder of several physician-owned hospitals and several start-up ventures developing novel monitors and pharmaceuticals.

Taking care of patients in need remains Dr. Hein’s main activity. There is no greater reward to him than a timid smile from a child or the hand of a grandmother on his with a “bless you” on her lips.

Dr. Hein’s activities would not have been possible without the unwavering support of his wife, Becky, and all of his family. His partners in Metropolitan Anesthesia Consultants in Dallas, TX always gave him free reign.

Several mentors have shaped Dr. Hein’s work, motivation and stamina. In addition to his parents, there are Frances and Richard Fergeson, Stella and J.B. Bishop, Dr. Hans Bludau, Dr. Adolph Giesecke, Dr. Harold Boehning, Dr. Michael Ramsay, Dr. Robert Parks, Dr. Len Hughes and Dr. Tony Lehner. Dr. Hein feels that the Texas Society of Anesthesiologists has always been an extended family, and chiefly responsible for that impression are sisters Ann Becker and Christina Bacak.

CHOOSE FROM AMONG 36.75 HOURS OF CONTINUING MEDICAL EDUCATION

This CME activity meets the formal CME requirements for the State of Texas annual medical license renewal, including:

Thursday Legislative Program - 3.0 CME hours

Workshops 8.0 CME hours

Friday - Sunday Scientific Program - 16.25 CME hours

Parallel Sessions 9.5 CME hours

INCLUDED IN THE ABOVE HOURS:

■ Ethics Sessions - 4.25 CME Hours ● MOCA® - 5.75 MOCA® Hours ▼ MOCA 2.0® - 7.0 MOCA® 2.0 Patient Safety Hours

Educational programs are jointly sponsored by Texas Medical Association and Texas Society of Anesthesiologists.

TSA 2018 ANNUAL MEETING SCHEDULE

Thursday, September 6 - Sunday, September 9

THURSDAY, SEPTEMBER 6

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.
Advanced 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® patient safety credits
0.75 Ethics credits
Welcome and Introductions
Moderator and Coordinator
George W. Williams, MD, FCCP

3:00 - 3:45 p.m. **Opioid Crisis from the Beltway to Waterloo**
Sherif Z. Zaafran, MD

3:45 - 4:45 p.m. **A Blue Wave or a Red Wall? A Review of the Primary and a Peek at the Upcoming General Election**
James Henson, PhD

4:45 - 5:00 p.m. **Coffee Break**

5:00 - 6:15 p.m. **Texas Society of Anesthesiologists' Legislation: An Update on Session and Administrative Actions**
Moderator: Bonnie Bruce
Presenters: To Be Announced

8:00 - 8:40 a.m.



8:40 - 9:15 a.m.



9:15 - 9:50 a.m.



9:50 - 10:00 a.m.



10:00 - 10:30 a.m.

10:30 a.m. - 12:30 p.m.

10:30 - 11:05 a.m.

11:05 - 11:45 a.m.



11:45 a.m. - 12:20 p.m.



12:20 - 12:30 p.m.

12:30 - 1:30 p.m.

1:30 - 3:30 p.m.

1:30 - 2:15 p.m.



2:15 - 3:15 p.m.

3:15 - 3:30 p.m.

3:30 - 4:00 p.m.

4:00 - 6:00 p.m.

6:30 - 9:30 p.m.

8:45 - 9:15 p.m.

Perioperative Surgical Home: Past, Present, and Future
Thomas R. Vetter, MD, MPH

Could Clinical Algorithms and Protocol Orders Replace a Clinician in Pre-Anesthesia Assessment in the PSH?
Sarah M. Shabot, MD

Anesthesiologists Leading in a Collaborative Orthopedic PSH
Mihir Rane, DO

Q & A

Coffee Break

Moderator:
Thomas R. Vetter, MD, MPH

NQF Endorsed Measures in Perioperative Medicine and Billing: What You Need to Know
Richard P. Dutton, MD, MBA, FASA

Operating Room Management: Efficiency and Patient Safety: How Can You Deliver on Both?
Benjamin B. Vacula, MD, FASA

PRO-CON: Should Elective Cases Be Performed at Night? Does This Impact Outcomes?
Austin D. Street, MD, FASA
Elizabeth L. Herrera, MD

Q & A

Lunch (Physicians Only - RSVP REQUIRED)
Vijaya Gottumukkala, MB BS, MD, FRCA
Sponsored by: Pacira Pharmaceuticals

Welcome and Introductions
Moderator: Richard P. Dutton, MD, MBA, FASA

Non-Operating Room Anesthesia (NORA) and the Future Ahead: More Complex Procedures on Sicker Patients
Mark J. Harbott, MD, MHA

From Print To Practice: Recent Publications That May Influence Future Anesthesia Care
Girish P. Joshi, MB BS, MD, FFARCSI

Q & A

Coffee Break

TSA House of Delegates

TSA Welcome Reception
Exhibit Hall

Golf Awards Ceremony and Acknowledgements
Exhibit Hall

FRIDAY, SEPTEMBER 7

7:00 - 8:00 a.m. **Women in Anesthesiology Breakfast (Women Physicians Only - RSVP Required)**

7:15 a.m. - 12:30 p.m. **26th Annual TSA Golf Tournament: Wolfdancer Golf Club Shotgun Start @ 7:30 a.m.**

7:30 - 8:00 a.m. **Continental Breakfast**

7:00 a.m. - 6:30 p.m. **TSA and CME Registration**

8:00 a.m. - 3:30 p.m. **FRIDAY SCIENTIFIC PROGRAM**
6.0 CME credit hours
4.0 MOCA® patient safety credits
1.5 Ethics credits

8:00 - 10:00 a.m. **Welcome and Introductions**
Vijaya Gottumukkala, MB BS, MD, FRCA
Moderator: Maya S. Suresh, MD

- Ethics Credits
- MOCA® 1.0 Credits
- ▼ MOCA® 2.0 Patient Safety Credits

SATURDAY, SEPTEMBER 8

7:00 a.m. - 6:00 p.m. **TSA and CME Registration**

7:00 - 8:00 a.m. **Continental Breakfast**
Exhibit Hall

8:00 a.m. - 5:00 p.m. **SATURDAY SCIENTIFIC PROGRAM**
6.5 CME credit hours
2.5 MOCA® patient safety credits

8:00 - 10:00 a.m. **Welcome and Introductions**
Moderator: Charles W. Whitten, MD

8:00 - 8:45 a.m. **Active Perioperative Blood Management Program: From Preoperative Anemia Management to Post-Discharge Care**
Lisa R. Farmer, MD

8:45 - 9:30 a.m. **TED TALK SESSIONS:**
8:45 - 8:55 a.m. **The 21st Century Stethoscope: Point of Care Ultrasound**
Siddharth Dave, MD

8:55 - 9:05 a.m. **Hold the ACE or ARB? What is the Evidence?**
Davide Cattano, MD, PhD, FASA, CMQ

9:05 - 9:15 a.m. **Postoperative Delirium? How Much of a Problem?**
Tayab R. Andrabi, MD

9:15 - 9:30 a.m. **Q & A**

9:30 - 10:00 a.m. **Presentation of the Distinguished Service Award to:**
H.A. Tillmann Hein, MD

10:00 - 10:30 a.m. **Coffee Break**
Exhibit Hall

10:30 a.m. - 12:30 p.m. **Welcome and Introductions**
Moderator: Girish P. Joshi, MB BS, MD, FFARCSI

10:30 - 11:30 a.m. **ASA Update**
Linda J. Mason, MD

11:30 a.m. - 12:30 p.m. **Betty P. Stephenson Lectureship**
Manuel E. Bonilla, MS

12:30 - 1:30 p.m. **Lunch**
(Lunch available in the exhibit hall. Advance purchase is required.)

1:30 - 3:30 p.m. **Welcome and Introductions: The PSH Debate Session**
Moderator: Evan G. Pivalizza, MD

1:30 - 2:25 p.m. **TEA Is No Longer a Standard for Postoperative Analgesia in 2018**
Nadia Hernandez, MD
Jaime Ortiz, MD

2:25 - 3:20 p.m.

3:20 - 3:30 p.m.

3:30 - 4:00 p.m.

4:00 - 5:00 p.m.

5:00 - 6:00 p.m.

6:00 - 7:00 p.m.

7:00 - 10:00 p.m.

Goal-Directed Fluid Therapy Improves Outcomes After Major Non- Cardiac Surgery
Varun K. Goyal, MD
Barbra Bryce Speer, DO

Q & A

Coffee Break

Resident Jeopardy
Moderator: Richard P. Dutton, MD, MBA, FASA
Resident Teams:
Brooke Army Medical Center
Baylor College of Medicine
Texas A&M/Baylor Scott & White

Key Contact Reception
Honoring TSA Key Contacts

TSAPAC Reception
(Reception is open to TSA and ASA members only.)

TSA Bollywood & Family Night
(Advance reservation is required.)

SUNDAY, SEPTEMBER 9

7:00 a.m. - 12:00 p.m. **TSA and CME Registration**

7:00 - 8:00 a.m. **Continental Breakfast**

8:00 - 11:00 a.m. **TSA Board of Directors Meeting**

8:00 a.m. - 12:00 p.m. **SUNDAY SCIENTIFIC PROGRAM**
3.75 CME credit hours
0.5 MOCA® patient safety credits

8:00 - 9:45 a.m. **Welcome and Introductions**
Moderator: Donald S. Prough, MD

8:00 - 9:00 a.m. **Research Forum: Presentation of the Best of Meeting Abstracts**

9:00 - 9:45 a.m. **Research in Anesthesiology & Perioperative Medicine in 2018: Challenges and Opportunities**
Holger K. Eltzschig, MD, PhD

9:45 - 10:00 a.m. **Coffee Break**

10:00 a.m. - 12:00 p.m. **Moderator:** Holger K. Eltzschig, MD, PhD

10:00 - 10:35 a.m. **Leading a Multi-Generational Team: Lessons in Professionalism**
Charles W. Whitten, MD

10:35 - 11:10 a.m. **ASPIRE, NACOR, AND QCDRs: What Road to Take?**
Richard P. Dutton, MD, MBA, FASA

11:10 - 11:45 a.m. **Panel on MACRA and the Basics of MIPS and APM (Discussion of Leaders)**
Richard P. Dutton, MD, MBA, FASA
Asa C. Lockhart, MD, MBA
Benjamin B. Vacula, MD, FASA

11:45 a.m. - 12:00 p.m. **Q & A**

8:00 a.m. - 12:00 p.m. **MOSCE Program**
NO CME PROVIDED
[Click Here for Details](#)

12:00 p.m. **Conclusion of Program**

- Ethics Credits
- MOCA® 1.0 Credits
- ▼ MOCA® 2.0 Patient Safety Credits

WORKSHOPS

FRIDAY, SEPTEMBER 7

8:00 a.m. - 12:00 p.m. **REGIONAL ANESTHESIA WORKSHOP**
4.0 CME credit hours
Program Director:
Erik C. Hustak, MD

Presenters:

Michael W. Cook, MD
Ronak K. Desai, MD
Gulshan Doulatram, MD
Irina Gasanova, MD, PhD
Chris D. Glover, MD, MBA
Roxana M. Grasu, MD
Ali Hassanpour, MD
Mahammad Hussain, MD
Erik C. Hustak, MD
David G. Leiman, MD
Hrishikesh Modi, MD
Nihar V. Patel, MD
Lisa Mouzi-Wofford, MD

WORKSHOPS

SATURDAY, SEPTEMBER 8

8:00 a.m. - 12:15 p.m. **Point of Care Ultrasound and Hemodynamic Monitoring**
4.0 CME credit hours
Program Directors and Facilitators:
Dilip R. Thakar, MD
Jagtar Singh Heir, DO

Lectures:

8:00 - 8:30 a.m. **Point of Care Ultrasound**
Dilip R. Thakar, MD

8:30 - 9:00 a.m. **Assessment of LV Function TEE**
Christopher K. McQuitty, MD

9:00 - 9:30 a.m. **Interesting Cases/Rescue TEE**
Alexis L. McQuitty, MD

9:30 - 10:00 a.m. **Live Demonstration of Point of Care Ultrasound**
Dilip R. Thakar, MD

10:00 - 10:15 a.m. **Coffee Break**

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

- Ethics Credits
- MOCA® 1.0 Credits
- ▼ MOCA® 2.0 Patient Safety Credits

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. Kwarc, MD

**** IMPORTANT: Pre-Registration and On-Site Check-in Required for the TEE 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 8, 2018. Attendees must be at the TEE Workshop no later than 7:45 a.m. on Saturday, September 8, 2018. 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.*

PARALLEL SESSIONS

FRIDAY, SEPTEMBER 7

8:00 a.m. - 4:30 p.m. **PEDIATRIC ANESTHESIA PARALLEL SESSION**
6.5 CME credit hours
5.5 MOCA® patient safety credits

8:00 - 8:15 a.m. **Introduction**
Rita Saynhalath, MD

8:15 - 10:00 a.m. **Thinking Outside the Box Moderator:**
Priscilla J. Garcia, MD, MHA

8:15 - 8:45 a.m. **Sedation for the Pediatric Patient Outside of the Operating Room**
Katrin Campbell, MD

8:45 - 9:15 a.m. **FDA Warning: Much Ado About Something?**
Stephen Q. Hoang, MD

9:15 - 9:45 a.m. **Using Sugammadex in Pediatric Patients?**
Rita Saynhalath, MD

9:45 - 10:00 a.m. **Q & A**

10:00 - 10:30 a.m. **Break**

PARALLEL SESSIONS (CONT'D)

FRIDAY, SEPTEMBER 7

10:30 - 11:20 a.m.	The Perioperative Surgical Home: Implementation in Pediatric Anesthesia Moderator: Stephen Q. Hoang, MD
10:30 - 10:50 a.m.	Texas Children's Hospital Perspective Rahul G. Baijal, MD
10:50 - 11:10 a.m.	The Perioperative Surgical Home: Implementation in Pediatric Anesthesia- Children's Medical Center of Dallas Perspective LyTorre D. Vidaurre, MD, MBA
11:10 - 11:20 a.m.	Q & A
11:20 a.m. - 12:30 p.m.	Ultrasound in Pediatric Anesthesia Moderator: Lisa A. Caplan, MD
11:20 - 11:50 a.m.	Use of Ultrasound for Pediatric Regional Anesthesia Ranu R. Jain, MB BS, MD
11:50 a.m. - 12:20 p.m.	Perioperative Anesthesia Utilization of Point of Care Ultrasound Adam Adler, MD, MS, FAAP, FASE
12:10 - 12:30 p.m.	Q & A
12:30 - 1:30 p.m.	Lunch
1:30 - 2:40 p.m.	Ethics Sessions Moderator: David A. Young, MD, MEd, MBA, FASA
1:30 - 2:30 p.m.	Physician Wellness and Health: Liability Hazards and Disclosure Requirements Liza Farrow-Gillespie, JD
2:30 - 2:40 p.m.	Q & A
2:40 - 3:40 p.m.	A Collegial Debate on Separation Anxiety: Parental Presence vs. Pre-Medications Moderator: Jeffrey W. Steiner, DO, MBA

- Ethics Credits
- MOCA® 1.0 Credits
- ▼ MOCA® 2.0 Patient Safety Credits

2:40 - 3:00 p.m.	Parental Presence Meera Gangadharan, MD
3:00 - 3:20 p.m.	Pre-Medications Edgar E. Kiss, MD
3:20 - 3:40 p.m.	Q & A
3:40 - 3:45 p.m.	Break
3:45 - 4:30 p.m.	Ask the Experts Moderator: Rita Saynhalath, MD Participants: Amr E. Abouleish, MD, MBA Jeramie B. Hanson, MD Sarah Tariq, MD Kenneth L. Wayman, III, 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
1:30 - 1:40 p.m.	Welcome and Introductions Moderator: Larry C. Driver, MD
1:40 - 2:30 p.m.	Professionalism Despite Multiple Practice Challenges for Anesthesiologists, Critical Care Specialists, and Pain Physicians Larry C. Driver, MD
2:30 - 3:30 p.m.	Medical Cannabis/Marijuana: MJ? CBD? THC? Now? The Future? Larry C. Driver, MD
3:30 - 4:30 p.m.	2018 Policy Updates That Impact Our Practices: TMB, TSBP, DEA, OMG! C.M. Schade, MD, PhD, FIPP
4:30 p.m.	Conclusion of Texas Pain Society Parallel Session

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 *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 "Opioid Crisis from the Beltway to Waterloo", "Perioperative Surgical Home: Past, Present, and Future", "Non-Operating Room Anesthesia (NORA) and the Future Ahead: More Complex Procedures on Sicker Patients", "Physician Wellness and Health: Liability Hazards and Disclosure Requirements", and "Leading a Multi-Generational Team: Lessons in Professionalism" for a total of 4.25 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 2018 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® topics are identified with ●.

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

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:

- Discuss the Texas Society of Anesthesiologists' legislative agenda and the process it made in the 86th Legislature and any regulatory implementation;
- Discuss the current administrative regulation and proposed rules from administrative agencies with regulatory authority over the licensure;
- Demonstrate the comprehensive perioperative management afforded by various Perioperative Surgical Home models can play a pivotal role in delivering this higher quality and lower cost patient care -thereby achieving greater health care value;
- Define the Perioperative Surgical Home Model (PSH) and its implementation at Memorial Hermann Texas Medical Center for Orthopedic Trauma Service;
- Recognize the process by which measures are proposed, assessed, endorsed and advanced into inclusion in Federal Programs;
- List and define specific measures of efficiency in the OR;
- Utilize basic concepts of medical ethics and how they can be applied to guide appropriate discussion and disclosure of potential harm by anesthetics and sedatives;

- Recognize potentially impaired behavior in colleagues and understand how it affects your legal liability;
- Explore the benefits of perioperative blood management programs; what is it and does it matter?;
- Analyze current literature on epidural analgesia regarding significant clinical outcomes such as efficacy effect on length of stay, morbidity and mortality;
- Apply invasive and non-invasive methods to optimize fluid management;
- Identify research careers of perioperative physician scientists;
- Identify commonly-used measures for eligible clinicians in anesthesia;
- Stimulate introspection into how you can provide leadership within your own clinical practice;
- Illustrate how ASA is working with anesthesiologists at both the state and national level in aggressively addressing the challenges we face;
- Identify the background for development and incorporation for point of care ultrasound into perioperative practice;
- Recognize basic sonographic terminology and technical considerations needed for successful acquisition of ultrasound images when performing regional anesthesia;
- Compare and contrast recent pertinent literature from leading high impact scientific publications and integrate this information into daily practice;
- Describe the effects of elective overnight surgery on physician wellness;
- Describe the changing trends in NORA – past, present, and future;
- Identify patient populations and procedure types that might pose increased safety concerns in the NORA environment;
- Execute the steps needed to anesthetize the upper extremity and lower extremity by acquiring images on standardized patient models under the guidance of experts in the field;
- Discuss some of the controversies surrounding "medical" cannabis use in Texas patients;
- Summarize current and expected public policy developments affecting pain care in Texas;
- Discuss the latest clinical evidence that anesthetics and sedatives may cause neurocognitive delays in young children;
- Utilize basic concepts of medical ethics and how they can be applied to guide appropriate discussion and disclosure of potential harm by anesthetics and sedatives;
- Review the mechanism and pharmacokinetics and sugammadex;
- Discuss the trials and case reports on the use of sugammadex in the pediatric population;
- Identify the role of the pediatric anesthesiologists in the perioperative surgical home;
- Distinguish differences between the adult and pediatric surgical home;
- Discuss the use of ultrasound in regional and neuroaxial anesthesia;
- Evaluate the benefits of the use of ultrasound to visualize the pediatric airway;
- Construct a plan as to how the participant may acquire the skills and knowledge to pursue perioperative point of care ultrasound;
- Identify the background for development and incorporation for point of care ultrasound into perioperative practice;
- Identify risk factors for impairment of physician health and wellness;
- Recognize potentially impaired behavior in colleagues and understand how it affects your legal liability;
- Identify characteristics of patients and parents who will benefit most from parental presence during induction;
- List the reasons why relieving preoperative anxiety in the pediatric patient is important;
- Identify various anesthetic practices that decrease allogenic transfusions and improve outcomes: what can we do?;
- Discuss two goals of the Medicare Access and CHIP Reauthorization Act (MACRA); and
- List and discuss the four performance categories of the Merit-based Incentive System (MIPS).

Registration Information and Early Registration Discount

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

	Early Registration Discount Postmarked by August 1 st *	Late Registration Postmarked 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 Educational 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 Educational	\$100	\$100
Business Sessions Only (House of Delegates, Committee Meetings, and Non-CME)	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

TEE Workshop

Limit 50 Members	No Charge	No Charge
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RESIDENT ATTENDANCE ONLY

2018 MOSCE Program Only

TSA Resident Members	No Charge	No Charge
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*The early registration discount continues through Wednesday, August 1st.

**After August 24th, you must register on-site at the Hyatt Lost Pines Resort.

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 27th. Fax your cancellation to (512) 370-1655 or E-mail to info@tsa.org.

For a partial refund: Cancel between July 28th - August 17th for a refund of \$75 for registration. There is no refund of the social activities fees.

No Refund: On or after August 18th, 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 valet parking are available as well.

For special assistance, including special facilities rooms and dietary requests, please contact the TSA office at (512) 370-1659, or via Fax: (512) 370-1655, or 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 attendees image or voice in photographs, videotapes, electronic reproductions, audiotapes of such events and activities.

TSA 2018 ART EXHIBIT

Photography, painting, sculpture, basket weaving, and literary compositions will be accepted. All entries will be displayed at the 2018 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 17, 2018.

TSA GRANTS PROGRAM AND EVENT SUPPORTERS

Pacira Pharmaceuticals Friday Non-CME Luncheon
U.S. Anesthesia Partners Welcome Reception, Tote Bags, and Lanyards

HOTEL INFORMATION

MAKE YOUR ROOM RESERVATIONS DIRECTLY WITH THE HOTEL

HYATT LOST PINES RESORT

575 Hyatt Lost Pines Road, Lost Pines, Texas 78612

RESERVATIONS

Telephone: (512) 308-1234

ROOM RATES

\$189 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 6

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 7

WOMEN IN ANESTHESIOLOGY 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 - RSVP required)

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

Wolfdancer Golf Course

The 26th 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, 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 P.M. - 1:30 P.M.

Current Opioid Crisis-Role of Effective Perioperative Multimodal Pain Management Strategies

Vijaya Gottumukkala, MB BS, MD, FRCA

Sponsored by: Pacira Pharmaceuticals

No Charge

(Physicians Only - 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 8

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 BOLLYWOOD AND FAMILY NIGHT, 7:00 - 10:00 P.M.

Have you ever dreamed of traveling to India? Your wish is granted, join the TSA for authentic India themed evening! Guests will dine with a choice of American and authentic Indian cuisine. Henna artists will be available for children and adults, this will be a treat for all. Additional entertainment will include Bollywood dancers and music by DJ Ash. It is sure to be an eventful night and we hope to see you there! Plenty of delicious food and entertainment will be provided 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

\$15 Children (12 and under)

(Advance purchase required.)

"CHEERS FOR RESEARCH COMPETITION"

CALL FOR SUBMISSIONS TO THE TSA CHEERS FOR RESEARCH

The TSA invites you to participate in the 7th Annual "Cheers for Research" competition during the TSA 2018 Annual Meeting in Lost Pines, TX. Clinical and basic science work will be considered in three categories: Best Clinical Research; Best Basic Science Research; and Best Research Submission by a Resident/Fellow. Accepted posters will be prominently displayed throughout the meeting (Thursday-Saturday) with a walk-through session conducted by members of the TSA Education Committee and research experts. Winners will be formally announced at the meeting and prizes will be awarded. All submissions must be received at the TSA office by 1:00 p.m. on Friday, July 6th. Visit "[Cheers for Research](#)" for additional information.

SCIENTIFIC PROGRAM SPEAKERS AND COORDINATORS

SCIENTIFIC PROGRAM COORDINATOR

Vijaya Gottumukkala, MB BS, MD, FRCA
Professor & Deputy Chairman
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MODERATORS *cont'd*

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John P. and Kathrine G. McGovern
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LEGISLATIVE PROGRAM COORDINATOR

George W. Williams, MD, FCCP

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

LEGISLATIVE SPEAKERS

Sherif Z. Zaafran, MD

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

James Henson, PhD

Director
Texas Politics Project
Lecturer
Univ. of Texas at Austin
Austin, TX

LEGISLATIVE MODERATOR

Bonnie Bruce

Director of Governmental Affairs
Texas Society of Anesthesiologists

MOCK OBJECTIVE STRUCTURAL CLINICAL EXAMINATION Workshop

For Residents and Recently - Graduated Anesthesiologists

Registration Required - Free of Charge

SUNDAY, SEPTEMBER 10

8:00 - 8:05 a.m.	Welcome Lisa R. Farmer, MD
8:05 - 8:20 a.m.	Introduction to OSCE Arvind Chandrakantan, MD, MBA, FAAP
8:25 - 9:00 a.m.	Station 1 - Informed Consent and Treatment Options Adam C. Adler, MD, MS, FAAP, FASE Kristina L. Goff, MD
9:05 - 9:40 a.m.	Station 2 - Peri-Procedural Complication Bingshuang Fang, MD Elizabeth L. Herrera, MD
9:45 - 10:20 a.m.	Station 3 - Communications with Other Professionals Adrienne Cummings, MD Beth M. Teegarden, MD
10:25 - 11:00 a.m.	Station 4 - Ethical Issues Shobana Murugan, MD Joshua Hauser, MD, MPH
11:05 - 11:35 a.m.	Station 5 - Patient Safety and Quality Improvement Suzanne Northcutt, MD J. Clint Tippet, MD
11:40 a.m. - 12:00 p.m.	Large Group Wrap Up Joshua Hauser, MD, MPH

Bingshuang Fang, MD

Professor
Dept. of Anesthesiology
UT Medical Branch
Galveston, TX

Kristina L. Goff, MD

Assistant Professor
Dept. of Anesthesiology & Pain Management
UT Southwestern Medical Center
Dallas, TX

Joshua Hauser, MD, MPH

CPT US Army Medical Corps
Associate Program Director/Director of
Resident Education and Simulation
SAUSHEC Anesthesiology Residency
Brooke Army Medical Center
Ft. Sam Houston, TX

Elizabeth L. Herrera, MD

Anesthesiologist
Dept. of Anesthesiology and Critical Care
Houston Methodist Hospital
Houston, TX

Shobana Murugan, MD

Anesthesiologist
Dept. of Anesthesiology
Baylor College of Medicine
Houston, TX

Suzanne Northcutt, MD

Professor
Dept. of Anesthesiology
Texas Tech University Health Science Center at Lubbock
Lubbock, TX

Beth M. Teegarden, MD

Assistant Professor
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J. Clint Tippet, MD

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Baylor Scott & White
Temple, TX

MOSCE PROGRAM COORDINATOR

Lisa R. Farmer, MD

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UT Medical Branch
Galveston, TX

SPEAKERS

Adam C. Adler, MD, MS, FAAP, FASE

Division of Pediatric Cardiothoracic Anesthesiology
Texas Children's Hospital
Baylor College of Medicine
Houston, TX

Arvind Chandrakantan, MD, MBA, FAAP

Anesthesiologist
Texas Children's Hospital
Assistant Professor
Baylor College Medicine
Houston, TX

Adrienne Cummings, MD

Anesthesiologist
Brook Army Medical Center
Lackland AFB
San Antonio, TX