



California Society of
ANESTHESIOLOGISTS
Physicians for Vital Times

2017 WINTER ANESTHESIA CONFERENCE

JANUARY 23-27, 2017
HYATT REGENCY RESORT & SPA, MAUI, HAWAII

Learn from the most respected
physician anesthesiologists about anesthesia
and perioperative care

WELCOME TO THE 2017 WINTER ANESTHESIA CONFERENCE

MISSION STATEMENT OF THE CSA EDUCATIONAL PROGRAMS DIVISION

The CSA Educational Programs Division is to provide high quality opportunities, enabling physicians and other allied health care professionals to maintain, develop, and increase knowledge, skills, performance, and relationships necessary for continuing to improve patient safety and medical care. Providing continuing medical education (CME) is one of the major ways in which the CSA is committed to promoting the highest standards of the profession of anesthesiology. "Continuing medical education for the needs of an evolving specialty" is the mission statement that guides the Winter Conference Program Committee.

TARGET AUDIENCE

This program is designed to enhance and maintain the knowledge of practicing physician anesthesiologists, anesthesiologist assistants, nurse anesthetists, physician assistants, anesthesiology residents and students, and other health care professionals in the practice of anesthesiology.

TYPES OF ACTIVITIES

Educational activities feature multiple teaching methods, including lectures, case presentations/studies, and question and answer sessions as well as optional hands on workshops.

STATEMENT OF EDUCATIONAL NEED

Anesthesiology is a dynamic specialty with significant changes expected on a number of fronts in the years to come, including new clinical technologies and practices, regulatory changes, business process changes, and overall changes in the health care environment. In addition to covering the latest clinical information, this program seeks to prepare participants for emerging and anticipated changes in the practice of anesthesiology.

The annual CSA 2017 Winter Anesthesia Conference is a comprehensive program designed to enhance the continuing medical education experience of physician anesthesiologists, fellows, residents and other healthcare providers. Under the leadership of Johanna Schwarzenberger, MD, CSA Program Chair, an in-depth anesthesia-based program has been developed.

Topics provide updates on the latest clinical information in anesthesiology and its subspecialties, including, but not limited to pain medicine, regional anesthesia, perioperative care, obstetric anesthesia, pediatric anesthesia and critical care.

COMMERCIAL SUPPORT ACKNOWLEDGEMENT

This CME activity may be supported by educational grants. A complete list of supporters will be available online in the course syllabus.

RESOLUTION OF CONFLICTS OF INTERESTS

In accordance with the ACCME Standards for Commercial Support, the CSA adheres to strict guidelines and processes to identify and resolve conflicts of interest for all individuals in a position to control content of this CME activity.



ACCREDITATION AND CREDIT DESIGNATION

The California Society of Anesthesiologists designates this live format for a maximum of 25 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CREDIT DESIGNATION

The California Society of Anesthesiologists designates this educational activity for a maximum of 29 AMA PRA Category 1 Credits[™]. Physicians should only claim credits commensurate with the extent of their participation in the activity. Certificates for CME credits will be issued at the conclusion of the meeting, based upon attendance records.



FACULTY DISCLOSURES

The California Society of Anesthesiologists adheres to the ACCME Standards for Commercial Support regarding industry support of continuing medical education. All faculty participating in continuing medical education activities sponsored by the California Society of Anesthesiologists are required to disclose any relevant financial interest or other relationship with the manufacturer(s) of any commercial product(s) discussed in a continuing medical education presentation(s).

JOHANNA SCHWARZENBERGER, MD

Clinical Professor of Anesthesiology

Department of Anesthesiology & Preoperative Medicine UCLA, David Geffen School of Medicine

Dr. Schwarzenberger has no relevant financial relationship with any commercial interest

PAUL BARASH, MD

Professor Emeritus, Department of Anesthesiology School of Medicine Yale University

Dr. Barash has no relevant financial relationship with any commercial interest

JOY L. HAWKINS, MD

Professor of Anesthesiology, Vice-Chair for Education

Director of Obstetric Anesthesia, University of Colorado School of Medicine

Dr. Hawkins has no relevant financial relationship with any commercial interest

AMANDA MONAHAN, MD

Clinical Assistant Professor, Division of Regional Anesthesia UCSD Department of Anesthesiology

Dr. Monahan has disclosed that her spouse is an employee and owns stock options for Thermo Fisher Scientific

ADRIAAN VAN RENSBURG, MD

UCLA

Dr. Van Rensburg has no relevant financial relationship with any commercial interest

LETTER FROM THE EDUCATIONAL PROGRAMS DIVISION



California Society of
ANESTHESIOLOGISTS
Physicians for Vital Times

Dear Colleagues,

On behalf of the California Society of Anesthesiologists (CSA) Education Programs Division, it is my pleasure to invite you to join us on the lovely island of Maui January 23 – 27, 2017, for the CSA 2017 Winter Anesthesia Conference.

CSA believes in education and professional exchange as a means of enhancing the practice of anesthesiology and shaping its future. Our mission is to provide relevant, timely, high-quality education to anesthesia professionals from California and all over the world. The program of this meeting was designed by experts who reviewed the current literature, practice guidelines and hot topics in anesthesiology. The content was then aligned with the educational priorities that were expressed by past CSA winter meeting attendees.

To have a great start into 2017, we hope to present you with a comprehensive coverage of the practice of anesthesiology and its subspecialties. We are fortunate to host world class faculty speaking on a wide ranging topics:

- predicting and managing obstetric hemorrhage
- management of the cardiac patient without coronary artery disease
- continuous nerve blocks in the ambulatory and inpatient settings
- point of care ultrasound for the patient with perioperative cardio-respiratory instability
- off-site anesthesia for the pediatric patient
- lessons in leadership from the non-anesthesia literature
- 20 most important anesthesia articles ever published
- prehab for the complex surgical patient

Every morning, we will start the conference with an interactive problem-based learning format session covering real cases and their perioperative challenges. This will be an opportunity to have audience participation and exchange of ideas on how to tackle the ever growing patient complexity in our perioperative environment that is challenged by financial and time constraints. As in years past, we look forward to vibrant discussions and insights from our international and national anesthesiology colleagues throughout the program.

The meeting will be held at the popular Hyatt Regency Ka'anapali, which provides easy access to excellent beach and ocean activities, world-renowned golf courses, and exciting shopping, dining, and entertainment venues. Maui is filled with nature's wonders from its diverse landscape to its rich maritime life. January is one of the peak months to observe humpback whales who migrate each winter from the shores of Alaska to Hawaii.

May the whales' leaping from the ocean into the air be an inspiration on how strong our specialty stands if we continue to learn, discover and implement practices that enhance patient safety.

I look forward to seeing you in January,

Johanna Schwarzenberger, MD
Program Chair



AT THE CONCLUSION OF THIS ACTIVITY,
PARTICIPANTS WILL BE ABLE TO:

1. Diagnose non-CAD related heart disease and risk stratify patients for non-cardiac surgery
2. Implement surgical prehabilitation for patients
4. Demonstrate non-cardiac ultrasound technique both for regional and non-regional anesthesia
5. Implement safe practices in operating room based and non-operating room based anesthesia



CSA 2017 WINTER ANESTHESIA CONFERENCE

PROGRAM SCHEDULE

SUNDAY JANUARY 22

2:00 - 3:00 pm
Exhibitor Set up

3:00 - 6:00 pm
Registration and Welcome snacks
*Exhibits open during this time

MONDAY JANUARY 23

6:15 - 7:00 am
Breakfast/Registration

7:00 - 8:00 am
**PBLD: Percutaneous Intervention Potpourri
from TAVI to Percutaneous TVR and
Angiovac procedures**
Johanna Schwarzenberger, MD
UCLA, David Geffen School of Medicine

8:00 - 9:00 am
**20 Most Important Anesthesia Articles Ever
Published**
Paul Barash MD, Professor Emeritus
Yale University

9:00 - 10:00 am

**Regional Anesthesia for the Upper Extremity:
Brachial Plexus and Peripheral Blocks with
Review of Common Clinical Scenarios**

Amanda Monahan, MD
UCSD, Department of Anesthesiology

10:00 - 10:30 am

BREAK/Visit the Exhibits

10:30 - 11:30 am

Offsite Anesthesia for the Pediatric Patient

Johanna Schwarzenberger, MD
UCLA, David Geffen School of Medicine

11:30am - 12:30 pm

**The Cardiac Patient Without Coronary Artery
Disease: Perioperative Management of
the Patient with Non-cardiac Disease
Undergoing Non-cardiac Surgery**

Adriaan van Rensberg, MD
UCLA

— End of Day's Session



TUESDAY JANUARY 24

6:15 - 7:00 am

Breakfast/Registration

7:00 - 8:00 am

Problem Based Learning: Many Anticoagulants, Many Blocks: PBLD Vignettes in Neuraxial and Peripheral Regional Anesthetics

Amanda Monahan, MD
UCSD, Department of Anesthesiology

8:00 - 9:00 am

Pre-hab for the Complex Surgical Patient

Johanna Schwarzenberger, MD
UCLA, David Geffen School of Medicine

9:00 - 10:00am

Considerations for the Pregnant Patient Having Non-obstetric Surgery

Joy L. Hawkins, MD
University of Colorado School of Medicine

10:00 - 10:30 am

BREAK/Visit the Exhibits

10:30 - 11:30 am

Case Management of a Patient with Pancreatic Cancer for a Whipple Procedure Who Has a Coronary Stent and Aicd

Paul Barash MD, Professor Emeritus
Yale University

11:30 - 12:30 pm

Regional Anesthesia for the Lower Extremity: Mastering the Adductor Canal and Beyond

Amanda Monahan, MD
UCSD, Department of Anesthesiology

— End of Day's Session

WEDNESDAY JANUARY 25

6:15 - 7:00 am

Breakfast/Registration

7:00 - 8:00 am

Problem Based Learning: Not all Perioperative Hyperthermia is Malignant Hyperthermia

Adriaan van Rensburg, MD
UCLA

8:00 - 9:00 am

Clinical Controversies in Obstetric Anesthesia Practice

Joy L. Hawkins, MD
University of Colorado School of Medicine

9:00 - 10:00 am

Point of Care Ultrasound for the Patient with Perioperative Cardio Respiratory Instability

Adriaan van Rensburg, MD
UCLA

10:00 - 10:30 am

BREAK/Visit the Exhibits

10:30 - 11:30 am

Peri-operative Management of the Patient with Pulmonary HTN and a Failing RV

Johanna Schwarzenberger, MD
UCLA, David Geffen School of Medicine

11:30 am - 12:30 pm

When Are You Scheduling YOUR 'Voluntary' Neurocognitive Examination? Challenges in Evaluating Senior Physicians

Paul Barash MD, Professor Emeritus
Yale University

— End of Day's Session



THURSDAY JANUARY 26

6:15 - 7:00 am

Breakfast/Registration

7:00 - 8:00 am

Problem Based Learning: Your Patient Has Delirium 1 Week Post-op: Now What?

Paul Barash MD, Professor Emeritus
Yale University

8:00 - 9:00 am

**What's New and What's Tried and True?
Regional Anesthesia of the Trunk for General Anesthesiologists**

Amanda Monahan, MD
UCSD, Department of Anesthesiology

9:00 - 10:00 am

Perioperative Issues in Patients Taking New Oral Anticoagulants

Adriaan van Rensburg, MD
UCLA

10:00 - 10:30 am

BREAK/Visit the Exhibits

10:30 - 11:30 am

What Are Your Reading? Lessons in Leadership From the Non-anesthesia Literature

Paul Barash MD, Professor Emeritus
Yale University

11:30 am - 12:30 pm

Anesthesia Care of the Severely Pre-eclamptic Patient

Joy L. Hawkins, MD
University of Colorado School of Medicine

— End of Day's Session

FRIDAY JANUARY 27

6:15 - 7:00 am

Breakfast/Registration

7:00 - 8:00 am

Problem Based Learning: Anesthesia Care for the Morbidly Obese Patient on L+D

Joy L. Hawkins, MD

University of Colorado School of Medicine

8:00 - 9:00 am

Non-cardiac Surgeries and Procedures for the Patient with an LVAD

Adriaan van Rensburg

UCLA

9:00 - 10:00 am

Prediction and Management of Obstetric hemorrhage

Joy L. Hawkins, MD

University of Colorado School of Medicine

10:00 - 10:30 am

BREAK/Visit the Exhibits

10:30 - 11:30 am

Continuous Regional Anesthesia in Ambulatory and Inpatient Settings

Amanda Monahan, MD

UCSD, Department of Anesthesiology

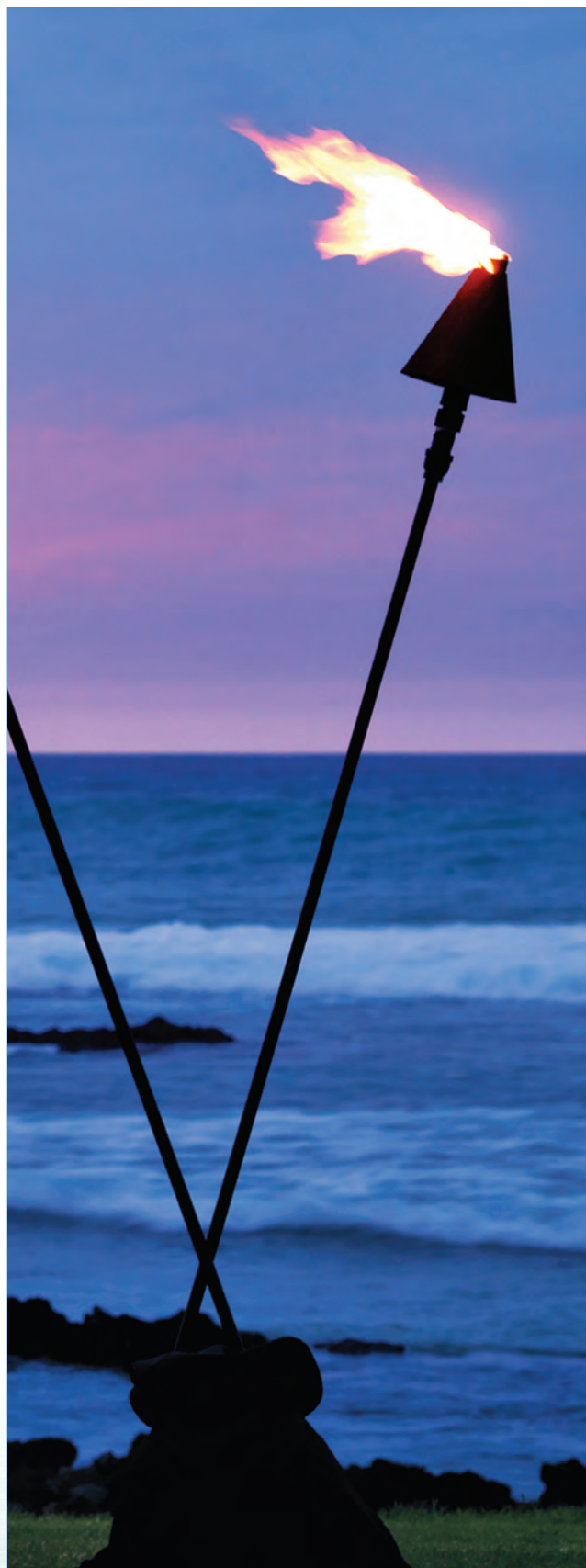
11:30am - 12:30 pm

Peri-operative Management of the Obese Pediatric Patient

Johanna Schwarzenberger, MD

UCLA, David Geffen School of Medicine

— End of Meeting



The following are members of the CSA's Educational Programs Division (EPD). These members have reviewed this program and approved it for CSA's use.

	FIRST NAME	LAST NAME	DESIGNATION	DISCLOSURE
Chair:	Samuel H.	Wald	MD	None
Members:	Richard L.	Applegate II	MD	Masimo, Principal Investigator for grant research for Department
	Eugenia	Ayrian	MD	None
	Candice	Bereal	MD	None
	John	Brock-Utne	MD	None
	Brendan	Carvalho	MBBCh, FRCA, MDCH	Smith's Medical Advisor and Panel Consultant and Covidien Study Funding
	Lee-lynn	Chen	MD	None
	Steve	Haddy	MD	Medtronic- Honoraria Received
	Uday	Jain	MD	None
	Edward R.	Mariano	MD, MAS	Halyard Health and Braun provided unrestricted educational funding to his institution
	Linda J.	Mason	MD	None
	Rima	Matevosian	MD	None
	Christina	Menor	MD	None
	Nassim	Moradi	MD	None
	Manuel C.	Pardo Jr.	MD	None
	Rajesh	Patel	MD	None
	Ken	Pauker	MD	Stock Holder: Amgen, Gilead, Glaxosmithcline, Merck with dividends received. Bond Holder with Becton Dickinson with dividends received.
	Ronald G.	Pearl	MD, PhD	Intensix, Stock Options
	Mark D.	Rollins	MD	None
	Roya	Saffary	MD	None
	Michelle	Schlunt	MD	None
	Pedro	Tanaka	MD	None
	Jeffrey	Uppington	MD	None
	Susana	Vacas	MD	None
	Mark I.	Zakowski	MD	None

GENERAL INFORMATION

HOTEL ACCOMMODATIONS

The CSA 2017 Winter Anesthesia Conference will be held at:

HYATT REGENCY MAUI SPA AND RESORT

200 Nohea Kai Drive
Lahaina, HI, USA 96761

MAKING RESERVATIONS

Reservations may be made using this link:

<https://resweb.passkey.com/go/CSAMAUI2017>

There is also a clickable link located on the CSA Winter Conference Website

GROUND TRANSPORTATION *Group pick-ups:*

MAUI SPEEDISHUTTLE / ARTHUR'S LIMOUSINE

SpeediShuttle and Arthur's Limousine in Maui provide shared and exclusive shuttles as well as sedan, SUV and limousine service to and from the airport or to the destination of your choice. Upon arrival, please check in at the SpeediShuttle / Arthur's counter located in baggage claim. Lei greeting at the gate is available for an additional fee. Book Online Now or email hrm@speedishuttle.com. To reach by phone, please call (808) 667-4910.

AKINA ALOHA TOURS

www.akinatours.com

808-879-2828

ROBERTS HAWAII

www.robertshawaii.com/transportation/groups

800-831-5541

MAUI AIRPORT TAXI

Service is available in the baggage claim area.

Cost: Approximately \$88.00 (up to four people with luggage)

MAUI AIRPORT RENTAL CAR COMPANIES

Many rental car companies have locations at the airport in Maui. Hertz also has a desk located in the lobby of the Hyatt Regency Maui

MAUI AREA TRANSPORTATION:

Shuttle service is available from the Hyatt Regency Maui to nearby Ka'anapali's Whalers Village

HOW TO REGISTER

Register by one of these methods:

Online (preferred)

You may fax your completed form to: 916-444-7462

Phone: 916-290-5830

FOLLOW US ON SOCIAL MEDIA!



MARK YOUR CALENDAR FOR FUTURE CSA ANESTHESIA CME MEETINGS

csahq.org/cme



CSA 2017 ANNUAL ANESTHESIA MEETING & WORKSHOPS

April 27 – 30, 2017

Hyatt Fisherman's Wharf, San Francisco, California



CSA 2017 FALL ANESTHESIA CONFERENCE

November 13 – 17, 2017

Grand Hyatt Kauai



CSA 2018 WINTER ANESTHESIA CONFERENCE

January 22 – 26, 2018

Fairmont Kea Lani, Maui

CSA 2017 WINTER ANESTHESIA CONFERENCE

CME REGISTRATION FORM



California Society of
ANESTHESIOLOGISTS
Physicians for Vital Times

CME REGISTRATION FORM

JANUARY 23 – 27, 2017 | MAUI, HAWAII

NAME: _____ CREDENTIALS: _____

MAILING ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

ABA #: (if applicable) _____

EMAIL: _____

PHONE: (____) _____ - _____ ☐ CELL ☐ PRACTICE ☐ HOME ☐ FAX (____) _____ - _____

	(CIRCLE ONE)	
	Early Registrants Until 12/23/2016	Regular Registrants until January 9th, 2017/ On-Site
CSA Members	\$715	\$865
Non-CSA Members	\$915	\$1065
AA, CRNA, PA, RN	\$615	\$765
Resident/Fellow	\$350	\$500
CSA Retired/Life Member	\$350	\$500

EARLY REGISTRATION ENDS ON DECEMBER 23, 2016 • LATE REGISTRATION CLOSES JANUARY 9, 2017

GUEST INFORMATION: Please note: The registration fee for participants includes breakfast but all guests, including children, will be subject to a \$40 per meal charge if they join participants for breakfast. Guests will require name badges to be admitted to the breakfast area; all other guests at the meeting will not require name badges.

If your guest(s) will be joining you for breakfast on any or all of the days of the meeting, please list their names below and select which days they will be joining you.

☐ Mon ☐ Tues ☐ Wed ☐ Thurs ☐ Fri ☐ All Days

☐ Mon ☐ Tues ☐ Wed ☐ Thurs ☐ Fri ☐ All Days

☐ Mon ☐ Tues ☐ Wed ☐ Thurs ☐ Fri ☐ All Days

☐ Mon ☐ Tues ☐ Wed ☐ Thurs ☐ Fri ☐ All Days

TOTAL AMOUNT DUE (USD) INCLUDING GUEST MEAL(S) IF APPLICABLE:: \$ _____

METHOD OF PAYMENT (CHECK ONE)

☐ **CHECK** Please make payable to: California Society of Anesthesiologists, and mail to: One Capitol Mall, Suite 800, Sacramento, CA 95814.

☐ **CREDIT CARD** I authorize the California Society of Anesthesiologists to charge the following credit card, in the full amount due.

CHECK ONE ☐ MasterCard ☐ Visa ☐ American Express

Name as it appears on card: _____

Card #: _____ - _____ - _____ - _____ Expiration Date: ____/____ 3 or 4 digit security code: _____

Signature: _____

Please send in form via email to mcorreia@csahq.org, or by fax to 916-444-7462.

Online registration is also available at csahq.org.