



NEW THIS YEAR  
Gastric Ultrasound  
Workshop

Mayo School of Continuous Professional Development

# 4<sup>th</sup> Annual “My Must-Do Anesthesiology Workshop”



**October 7-8, 2016**

Mayo Clinic  
J. Wayne and Delores Barr Weaver  
Simulation Center  
Jacksonville, Florida

**Course Directors**  
*José L. Díaz-Gómez, M.D.*  
*Sergio E. Bustamante, M.D.*



In partnership with:



**Cleveland Clinic**

## **REGISTER NOW!**

Registration and additional course information can be found on our NEW course website: [ce.mayo.edu/node/12896](http://ce.mayo.edu/node/12896)

## COURSE DESCRIPTION

This specific combination of workshops entails a sequence of up-to-date educational tools used to acquire skills the anesthesiology practice demands. This course will take place in one of the most modern simulation centers in the United States. Simulation will be incorporated into each workshop. The methodology will include pre-test, followed by didactic presentations with case-based scenarios, and a post-test assessment. The most important clinical management questions will be addressed in highly interactive sessions.

## COURSE LEARNING OBJECTIVES

Upon conclusion of this program, participants should be able to:

- Recognize the ultrasound anatomy of the normal heart with Transthoracic Echocardiography
- Identify four treatable causes of cardiac arrest applying the FEEL exam (Focused Echocardiographic Evaluation in Life)
- Perform a percutaneous cricothyroidotomy in a porcine trachea model
- Apply the main methods of lung isolation for one-lung ventilation in a lung anatomy model
- Identify airway anatomy in the neck with ultrasonography
- Perform the technique for cannulation of internal jugular vein in a vascular anatomy model
- Recognize the ultrasound anatomy of the brachial plexus and femoral, saphenous and popliteal nerves
- Perform brachial plexus, femoral, saphenous and popliteal nerve block for regional anesthesia

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

## INTENDED AUDIENCE

This course is intended for practicing Anesthesiologists, Certified Registered Nurse Anesthetists, Anesthesiology Residents and Fellows.

## CREDIT

Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Mayo Clinic College of Medicine designates this live activity for a maximum of 18.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## AOA

This program has been accredited by the American Osteopathic Association for 18.5 credits of AOA Category 2-A.

## Other Health Care Professionals

A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

This course does not fulfill MOCA Part IV requirements for simulation.

## GRANTS AND EXHIBITS

At the time of this printing, a complete listing of commercial supporters (financial or in-kind) was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting.

Exhibits will be available for viewing at all scheduled breaks.



## REGISTRATION

To register online, visit [ce.mayo.edu/node/12896](http://ce.mayo.edu/node/12896).

The registration fee includes tuition, comprehensive electronic course syllabus, continental breakfasts, lunch and break refreshments. Although it is not Mayo School of Continuous Professional Development (CPD) policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be sent upon receipt of payment with completed online registration.

<b>Physicians and Scientists: \$1,195</b>
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<b>Residents, Fellows, PAs, Nurses, Allied Health and Retirees: \$850</b>
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## CANCELLATION POLICY

If you cancel your participation in this course, your registration fee, less a \$75 administrative fee, will be refunded when written notification is received by Mayo School of CPD on or before September 23, 2016 at [cme-jax@mayo.edu](mailto:cme-jax@mayo.edu). No refunds will be made after September 23, 2016. Canceled registrations are non-transferable.

Mayo School of CPD reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CPD must cancel or postpone this course, Mayo School of CPD will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

### For additional information, contact:

Mayo School of Continuous Professional Development  
Website: [ce.mayo.edu](http://ce.mayo.edu)  
E-mail: [cme-jax@mayo.edu](mailto:cme-jax@mayo.edu)  
Phone: 800-462-9633  
Fax: 904-956-3096

## TRAVEL AND LODGING ACCOMMODATIONS

Jacksonville International Airport (JAX) is located 45 minutes from Mayo Clinic. Taxis and rental cars are readily available at the airport. Transportation is highly recommended, as the campus is not within walking distance to dining locations. Attendees are responsible for their own reservations.

### Located on the Mayo Clinic Campus:

#### Mayo Clinic Courtyard by Marriott

14390 Mayo Blvd.  
Jacksonville, FL 32224  
800-321-2211

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### For those seeking off-campus oceanfront accommodations:

#### Ponte Vedra Inn & Club

200 Ponte Vedra Blvd.  
Ponte Vedra, FL 32082  
888-839-9145

Located 6 miles from the Mayo Clinic Campus

#### One Ocean Resort & Spa

1 Ocean Blvd  
Atlantic Beach, FL 32233  
800-874-6000

Located 8 miles from the Mayo Clinic Campus

You may also wish to view [www.visitjacksonville.com](http://www.visitjacksonville.com) for additional accommodations as well as recreation and leisure activities.

Mayo School of CPD is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the meeting. Costs incurred by the registrant such as airline or hotel fees or penalties are the responsibility of the registrant.

## PARKING

Parking is available in multiple lots near the Stabile North Building on Wm. Davis Parkway at no charge, as well as in the Mayo Clinic patient/visitor ramp adjacent to the Davis Building on Mayo Boulevard at \$3 per day on Friday and no charge on Saturday. The cost for parking is not included in the registration fee.

## **FACULTY**

### **Mayo Clinic Faculty**

*Elird Bojaxhi, M.D.*

*José L. Díaz-Gómez, M.D.*

*Steven Porter, M.D.*

*Robert A. Ratzlaff, D.O.*

*Christopher B. Robards, M.D.*

### **Cleveland Clinic Faculty**

*David G. Anthony, M.D.*

*Juan M. Botero, M.D.*

*Sergio E. Bustamante, M.D.*

*Miguel A. Cruz, M.D.*

*Negmeldeen F. Mamoun, M.D., Ph.D.*

## **Guest Faculty**

*Javier Cubillos, M.D.*

San Ignacio University Hospital

Bogota, Colombia

*J. Mauricio Del Rio, M.D.*

Duke University School of Medicine

Durham, NC

*Allison S. Haller, M.D.*

University of Florida

Gainesville, FL

*Carla P. Venegas-Borsellino, M.D.*

Pulmonary & Critical Care Associates

Orange Park, FL

## **NATIONAL PHYSICIAN PAYMENT TRANSPARENCY PROGRAM**

Mayo Clinic College of Medicine complies with the requirements of the National Physician Payment Transparency Program OPEN PAYMENTS (Physician Payments Sunshine Act).



*"The preceptors doggedly made us practice all skills till we had it right. Thank you, for not leaving anyone behind."*

*~ Past Course Participant*

*"I am ready to perform emergency cricoidthyrotomy. Fiber optic bronchoscopy and more competence in cardiac and lung point of care ultrasound examination."*

*~ Past Course Participant*





## Friday, October 7, 2016

7:00 a.m.	REGISTRATION & CONTINENTAL BREAKFAST
7:30	WELCOME & COURSE DESCRIPTION <i>José L. Díaz-Gómez, M.D. and Sergio E. Bustamante, M.D.</i>
7:50-8:10	W1 - L: FUNDAMENTALS OF ULTRASOUND <i>David G. Anthony, M.D.</i>
8:15-9:15	W1 - HOP: FUNDAMENTALS OF ULTRASOUND
9:15-9:30	Break
9:30-9:50	W2 - L: US-GUIDED CENTRAL VASCULAR ACCESS <i>David G. Anthony, M.D.</i>
9:55-10:45	W2 - HOP: US-GUIDED CENTRAL VASCULAR ACCESS
10:45-11:00	Break
11:00-11:45	W3 - L: FUNDAMENTALS OF FOCUSED CARDIAC ULTRASOUND <i>José L. Díaz-Gómez, M.D.</i>
11:45-12:15	W3 - L: FUNDAMENTALS OF LUNG ULTRASOUND <i>Robert A. Ratzlaff, D.O.</i>
12:15-1:00	The J. Wayne & Delores Barr Weaver Lecture & Luncheon <i>Carla P. Venegas-Borsellino, M.D.</i>
1:00-4:00	W3 - HOP: FOCUSED CARDIAC AND LUNG ULTRASOUND
4:00-4:30	Break
4:30-4:50	W4 - L: PERCUTANEOUS CRICOTHYROIDOTOMY <i>Sergio E. Bustamante, M.D.</i>
4:50-5:15	W4 - HOP1: NECK ULTRASOUND
5:15-6:00	W4 - HOP2: PERCUTANEOUS CRICOTHYROIDOTOMY (wet lab)
6:00-6:45	POSTER PRESENTATION
6:45 p.m.	Adjourn

## Saturday, October 8, 2016

6:45 a.m.	CONTINENTAL BREAKFAST
7:00-7:25	W5 - L: GASTRIC ULTRASOUND <i>Javier Cubillos, M.D.</i>
7:30-8:15	W5 - HOP: GASTRIC ULTRASOUND
8:15-8:30	Break
8:30-9:10	W6 - L: TRACHEO-BRONCHIAL ANATOMY <i>Sergio E. Bustamante, M.D.</i>
9:15-11:45	W6 - HOP: LUNG ISOLATION
12:00-12:50	Interactive Cases in Perioperative Ultrasound & Luncheon <i>José L. Díaz-Gómez, M.D. &amp; Robert A. Ratzlaff, D.O.</i>
1:00-1:30	W7 - L: UPPER EXTREMITY BLOCKS <i>Christopher B. Robards, M.D.</i>
1:30-2:00	W7 - L: LOWER EXTREMITY BLOCKS <i>Juan M. Botero, M.D.</i>
2:00-2:15	Break
2:15-3:15	W7 - HOP: UPPER EXTREMITY BLOCKS
3:15-4:15	W7 - HOP: LOWER EXTREMITY BLOCKS
4:15-4:30	Break
4:30-5:30	W8 - HOP: ALL WORKSHOPS COMBINED
5:30-5:45	WRAP UP & FEEDBACK
5:45 p.m.	Adjourn

*L: Focused lecture  
HOP: Hands-On Practice*

*Program Schedule is subject to change without notice.*

*"I think one of the strengths of this course is introducing innovative uses of technology (ultrasound) and instruction on how it can immediately be implemented into practice."*

*~ Past Course Participant*



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