

Critical Care in OBSTETRICS

An innovative and integrated model
for learning the essentials

Nov. 10, 11 and 12, 2016
Mesa, Arizona

Sponsored by



Banner- University Medical Center Phoenix
Obstetrics and Gynecology Department
1111 E McDowell Road, WT-4
Phoenix, Arizona 85006

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Critical Care in OBSTETRICS

An innovative and integrated model
for learning the essentials

Nov. 10, 11 and 12, 2016

Hilton Phoenix / Mesa Hotel

1011 West Holmes Avenue • Mesa, Arizona 85210

Register at:

www.bannerhealth.com/230CARE

Sponsored by



Banner
University Medical Center
Phoenix



Society for
Maternal-Fetal
Medicine

the program

Banner University Medical Center Phoenix and the Society for Maternal-Fetal Medicine are proud to offer an innovative and integrated program that will address essential learning in the discipline of critical care obstetrics. Pre-recorded digital didactic sessions (to be studied by participants before the symposium and accessible for one year following the symposium), virtual online didactics and simulations, case-based facilitated group learning and bedside preceptor-directed simulation drills form the basis for this progressive, hands-on, original program.

who should attend

MFM Physicians / OB Hospitalists / MFM Fellows / Practicing OB Physicians / Residents / High Risk OB Nurses / Emergency Room Physicians / Medical Students / Certified Nurse Midwives

The educational materials (on-line video and PowerPoint presentations), case discussions and bedside skills/simulations by the symposium faculty will help participants face the challenging world of obstetrics and better equip them to handle emergency situations. The faculty is currently investigating the use of virtual reality models for this year's program.

At the end of this Symposium attendees will understand the physiology of pregnancy, how pregnancy uniquely creates risk for mild and severe maternal complications, and the care and treatment for multiple critical care conditions in pregnancy including:

- hemorrhage, massive transfusion and placental abnormalities
- cardiac disease including postpartum cardiomyopathy, acute infarction
- pulmonary hypertension and structural disease
- thromboembolic disease
- SIRS, sepsis and diabetic ketoacidosis
- ARDS and pulmonary edema
- preeclampsia and hypertensive crisis
- amniotic fluid embolism
- alterations to the ACLS and trauma protocols
- indications for and use of invasive monitoring

Banner Health disclosure

Disclosure of Financial Relationships and Resolution of Conflicts of Interest are designed to ensure quality, objective, balanced and scientifically rigorous continuing education activities. All individuals in a position to influence and/or control the content of continuing education activities have been asked to disclose all relevant financial relationships with the past 12 months. Beyond disclosure of relevant financial relationships, faculty are required to disclose when they plan to discuss pharmaceuticals and/or medical devices that are not approved by the FDA and/or medical or surgical procedures that involve an unapproved or "off-label" use of an approved device or pharmaceutical. Banner Health is committed to providing learners with commercially unbiased continuing education activities.

continuing medical education (CME)

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education, through the joint sponsorship of Banner Health and the Society for Maternal-Fetal Medicine.

Banner Health designates this live activity for a maximum of **25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Banner Health and the Society for Maternal-Fetal Medicine strive for balance, independence, objectivity and scientific rigor in all sponsored educational programs. Faculty and program planners are required to disclose any financial conflict of interest relevant to their involvement with the symposium. If potential conflicts of interest have been reported by planners and faculty, they have been assessed and resolved according to Banner Health policy.

At the symposium you will receive a CME credit form to complete. The white copy should be handed in at the registration desk. The yellow copy is your CME credit receipt and should be kept in a safe place for record keeping.

American Board of Obstetricians and Gynecologists (ABOG)

The ABOG MOC standards now allow participation in ABOG-approved Simulation Courses to meet the annual Improvement in Medical Practice (Part IV) MOC requirement. This course has been approved to meet ABOG Improvement in Medical Practice requirements for 2016. Please review the 2016 MOC Bulletin at <http://www.abog.org/bulletins/MOC2016.pdf> for further information.

attendee requirements

There are three steps to the CME process for this symposium.

- 1) As an attendee of this symposium you are required to take the Pre-Symposium Test provided when you first log-in to access the course materials on the Society for Maternal-Fetal Medicine website. You will be supplied with a login and password when your registration is received.
- 2) After the conference you are required to re-take the test.
- 3) Additionally, Banner-University Medical Center Phoenix will email you a conference survey so you can provide us with your feedback on the conference itself after the symposium closes.

if you are unable to attend

You can use a credit card to purchase access to the symposium materials by contacting the Society for Maternal-Fetal Medicine at <http://smfm.org>. You can purchase either the CME bundle for \$650 or the non-CME bundle for \$605. Chris Coleman is your contact for any technical issues: ccoleman@smfm.org or **202. 863.2563**. You will have access to the materials for one year.

NEW – annual course subscription

Should you wish to continue your access to the course materials you can subscribe for another year by emailing Chris Coleman (CColeman@smfm.org) or phoning **(703) 350-9148** to provide your credit card number or check information. An annual subscription costs \$200.

exhibitors

We will have a group of exhibitors who wish to tell you about their services and/or products. They will be at the symposium for all three days. Attendees will have their morning breakfast, breaks and lunch with the exhibitors each day. Please take some time to visit with them and get to know more about them. Exhibitors are a vital part of this symposium.

wi-fi and electronic devices

Wi-fi will be available in the meeting room during the symposium. We strongly urge you to consider bringing an electronic device to take notes instead of using paper. Your notes will be easier to read and organize after the symposium. Electricity will be provided in the symposium room so participants will be able to keep their electronic device charged.

“I’m a second year MFM fellow. Last year, I spent a month in the SICU. I learned more about intensive care management and care of critically ill patients at this conference than I did during my SICU month. In addition to general principles of massive transfusion and sepsis, I also learned about pregnancy specific concerns. I think all MFM fellows should be able to come to this conference.”

what to wear

Men should dress comfortably in trousers and shirts/polos and pants; ladies in skirts or pants and knit tops/blouses. The symposium room is air-conditioned and it is sometimes difficult to keep a moderate temperature for all. We recommend that you bring a jacket or sweater.

When you register you will be asked which afternoon is best for you to visit Banner Health’s Simulation Center. Confirmation of your choice will be sent on the registration confirmation email we will send you. SIM Lab visits will be scheduled for all three days of the symposium. If you are part of a group and wish to attend the SIM Lab as a group, let us know when you register. It is recommended that you wear scrubs on the afternoon you go to the SIM Lab.

photography

A photographer will be on-site taking candid shots during the symposium. When you register, you are giving us permission to take and use these photos for future advertisements, brochures, social media etc.

americans with disabilities act

Banner Health will comply with the legal requirements of the Americans with Disabilities Act. If you need special accommodations, please notify us when you register at **602.230 CARE (2273)**.

THURSDAY, NOVEMBER 10, 2016

Day 1

6:30
7:00 - 7:15
7:15 - 7:45
7:45 - 8:00
8:00 - 8:30
8:30 - 8:45
8:45 - 9:00
9:00 - 9:30
9:30 - 9:45
9:45 - 10:15
10:15 - 10:30
10:30 - 11:00
11:00 - 11:15
11:15 - 12:15
12:30
4:30

REGISTRATION	
Opening Remarks	Michael R Foley, MD
Placenta Accreta	Michael A Belfort, MD, PhD
Q & A interactive (cases)	
PPH / Massive Transfusion	Karrie Francois, MD
Q & A interactive (cases)	
BREAK	
AFE	Gary A Dildy III, MD
Q & A interactive (cases)	
Pulmonary Hypertension	Stephanie Martin, DO
Q & A interactive (cases)	
Hypertensive Emergencies	Michael R Foley, MD
Q & A interactive (cases)	
LUNCH	
Board Bus to Banner Health's SIM Lab 525 W. Brown Rd. Mesa, AZ Or Symposium Room Simulations 1. CPR and Arrhythmia 2. Perimortem C-Section I 3. Perimortem C-Section II (includes intra-osseous infusion) 4. Airway Management Or Afternoon Off	When your registration is completed, a confirmation will be emailed to you which includes the day and the afternoon bus (A or B) that will take you to and from the SIM Lab. Good idea to wear scrubs on your SIM Lab day.
BOARD BUS "A" or "B" TO HOTEL	

FRIDAY, NOVEMBER 11, 2016

Day 2

6:30
7:00 - 7:15
7:15 - 7:45
7:45 - 8:00
8:00 - 8:30
8:30 - 8:45
8:45 - 9:00
9:00 - 9:30
9:30 - 9:45
9:45 - 10:15
10:15 - 10:30
10:30 - 11:00
11:00 - 11:15
11:15 - 12:15
12:30
4:30

REGISTRATION	
Review of Today's Agenda/ Announcements	Michael R Foley, MD
Maternal Cardiac Arrest	COL Shad Deering, MD
Q & A (cases)	
Obstetric Trauma	C Kevin Huls, MD
Q & A (cases)	
BREAK	
Endocrine (Thyroid/DKA) Emergencies	Ravi Gunatilake, MD
Q & A (cases)	
Severe Preclampsia / Eclampsia	COL Shad Deering, MD
Q & A (cases)	
Sepsis and Septic Shock	Arthur Jason Vaught, MD
Q & A (cases)	
LUNCH	
Board Bus to Banner Health's SIM Lab 525 W. Brown Rd. Mesa, AZ Or Symposium Room Simulations 1. CPR and Arrhythmia 2. Perimortem C-Section I 3. Perimortem C-Section II (includes intra-osseous infusion) 4. Airway Management Or Afternoon Off	When your registration is completed, a confirmation will be emailed to you which includes the day and the afternoon bus (A or B) that will take you to and from the SIM Lab. Good idea to wear scrubs on your SIM Lab day.
BOARD BUS "A" OR "B" TO HOTEL	

SATURDAY, NOVEMBER 12, 2016

Day 3

6:30	REGISTRATION	
7:00 - 7:15	Review of Today's Agenda/ Announcements	Michael R Foley, MD
7:15 - 7:45	Congenital Heart Disease	Heidi Connolly, MD
7:45 - 8:00	Q & A (cases)	
8:00 - 8:30	Pulmonary Embolus in Pregnancy	Mary D'Alton, MD
8:30 - 8:45	Q & A (cases)	
8:45 - 9:00	BREAK	
9:00 - 9:30	Finally Understanding DIC	Michael R Foley, MD
9:30 - 9:45	Q & A (cases)	
9:45 - 10:15	Respiratory Failure	Dena Goffman, MD
10:15 - 10:30	Q & A (cases)	
10:30 - 11:00	Peripartum Cardiomyopathy	Leo R Brancazio, MD
11:00 - 11:15	Q & A (cases)	
11:15 - 12:15	LUNCH	
12:30	Board Bus to Banner Health's SIM Lab 525 W. Brown Rd. Mesa, AZ Or Symposium Room Simulations 1. CPR and Arrhythmia 2. Perimortem C-Section I 3. Perimortem C-Section II (includes intra-osseous infusion) 4. Airway Management Or Afternoon Off	When your registration is completed, a confirmation will be emailed to you which includes the day and the afternoon bus (A or B) that will take you to and from the SIM Lab. Good idea to wear scrubs on your SIM Lab day.
4:30	BOARD BUS "A" or "B" TO HOTEL	

hotel reservations

A block of special group rate rooms has been reserved for attendees at the Hilton Phoenix/Mesa, 1011 West Holmes Avenue, Mesa, Arizona 85010. Space is limited, so please make your hotel reservation as soon as you can. The hotel must receive all reservation requests on or before Friday, Oct. 12, 2016.

NOTE: In 2014 and 2015 the hotel sold out 2 months ahead of the symposium. We have added more rooms to the room block for 2016 and we suggest your reserving your room(s) early.

Hotel reservations can be made by calling the Hilton Phoenix/Mesa, 1011 West Holmes Avenue, Mesa, Arizona 85010, 480.833.5555/Toll Free 1-800-544-5866. You should identify yourself as an attendee for the Critical Care in Obstetrics Symposium that begins on November 10, 2016 in order to receive the discounted room rate. This rate will be honored three days before and three days after the symposium based on availability. We recommend that you register early should you wish to extend your stay. You may make your reservation on line at http://www.hilton.com/en/hi/groups/personalized/M/MESHPHF-CCO-20151111/index.jhtml?WT.mc_id=POG. The group ID code is CCO.

Group Rate is \$129/night.

Check-in time is 3:00PM and check-out time is 12:00PM.

To get additional information about the hotel and its location, visit www.hiltonphoenixmesa.com. Click on "Local Area" on the landing page for a listing of places to dine, shop and information on local attractions.

If the Hilton is sold out, there are 2 adjacent hotels to call: Fairfield Inn, 1405 S Westwood, Mesa, AZ 85210: 480 668 8000, or Residence Inn by Marriott, 941 W Grove Ave., Mesa, AZ 85210: 480.610.0100 Their rate in 2015 was \$129/night.

symposium registration

NOTE: Registration for the 2014 and 2015 symposiums closed early. We suggest that you register early.

Please register for the symposium and secure your hotel reservation **before** purchasing non-refundable airline tickets.

To register for the symposium using a credit card place the following URL in your browser: www.bannerhealth.com/230CARE. Type Critical Care in Obstetrics in the title field then press Search. You will complete the form and then provide your credit card information. A preliminary receipt will be emailed at that time and a formal receipt will be emailed the following business day. To provide payment check, call 602.230.CARE (2273) for registration. Outside of Arizona, call 1.800.230.CARE (2273).

cancellations

- Should you need to cancel your registration; a credit will be issued for the next Critical Care in Obstetrics Symposium.



Category	Cost
Physicians	\$1,200
High Risk OB Nurses	\$400
Certified Nurse Midwives	\$400
Residents and Fellows	\$250
Medical Students	\$150
Guest at lunch 11 - 10 - 2016	\$36
Guest at lunch 11 - 11 - 2016	\$36
Guest at lunch 11 - 12 - 2016	\$36

program chairman

Michael R Foley, MD, FACOG – Chairman, Obstetrics and Gynecology, Banner University of Arizona Phoenix, Phoenix, AZ; Professor University of Arizona, College of Medicine-Phoenix

guest faculty

Michael A. Belfort, MD, PhD – Chairman and Professor, Department of Obstetrics and Gynecology, Professor, Departments of Surgery and Anesthesiology, Baylor College of Medicine, Obstetrician and Gynecologist-in-Chief, Texas Children's Hospital, Houston, TX

Leo R Brancazio, MD – Associate Professor of Obstetrics and Gynecology, Obstetrics/Gynecology/Maternal-Fetal Medicine, Duke Medical Center, Maternal-Fetal Medicine, Durham, NC

Heidi M Connolly, MD – Director, Congenital Heart Disease Center, Mayo Clinic-Cardiology, Rochester, MN

Mary D'Alton, MD – Willard C. Rappleye Professor of Department Chairman – Obstetrics & Gynecology, Columbia University Medical School, New York, NY

Dena Goffman, MD – Director, Quality, Patient Safety & Simulation and Associate Professor of Clinical Obstetrics & Gynecology and Women's Health, Department of Obstetrics & Gynecology and Women's Health (Maternal & Fetal Medicine) at Montefiore Hospital, Bronx, NY; Co-lead for Symposium Megasims

COL Shad Deering, MD, FACOG – Assistant Dean for Simulation Education, Uniformed Services University, Deputy Medical Director, Val G. Hemming Simulation Center Bethesda, MD

Gary A Dildy III, MD – Vice Chair of Quality & Patient Safety and Maternal-Fetal Medicine Fellowship Director, Baylor College of Medicine, Houston, TX

Karrie Francois, MD – AMOMI Pregnancy Wellness Spa; Perinatal Medical Director, HonorHealth; Clinical Assistant Professor, University of Arizona

Ravi Gunatilake, MD – Director Clinical Perinatal Medicine, Director Obstetrical Research, Valley Perinatal, Glendale, AZ; Clinical Associate Professor, University of Arizona College of Medicine, Phoenix, AZ

C Kevin Huls, MD – Medical Director, Phoenix Perinatal Associates, Phoenix, AZ; Clinical Associate Professor, University of Arizona College of Medicine, Phoenix, AZ; Director of Research and Education, Phoenix Perinatal Associates, Phoenix, AZ

Stephanie Martin, DO – Director of Maternal-Fetal Medicine, Southern Colorado Maternal-Fetal Medicine, St. Francis Medical Center, Colorado Springs, CO; Visiting Associate Clinical Professor Department of Obstetrics and Gynecology, University of Colorado School of Medicine

Arthur Jason Vaught, MD – Maternal-Fetal Medicine Fellow, Dept. of OB/GYN, Maternal-Fetal Medicine Division, Johns Hopkins University, Baltimore, MD

thank you

We acknowledge the Society for Maternal-Fetal Medicine physicians who have assisted Dr. Foley to plan this Conference.

Shad Deering, co-Director

Helen Feltoich, co-Director

Bill Goodnight, co-Director

Loralei Thornburg, Content co-Chair

Deirdre Lyell, Content co-Chair

Suneet Chauhan, Testing Chair

Mary D'Alton, Lecturer

Mark L Smith, Jr, MD, PhD, SIM Lab Director

Daniel O'Keeffe, Executive Vice President, SMFM

Andrew Satin, SMFM

Barbara Shaw, Event Planner

health care delivery through simulation, learn

*On behalf of our sponsors and exhibitors,
we thank you for your interest in our conference
and look forward to greeting you in November!*

Simulation Medical Center

Our thanks to Dr. Mark Smith and the Banner Health Simulation Lab staff without whom the hands-on simulation demonstrations wouldn't be possible.

Linda Tinker, MSN, RN, CHSE
Clinical Education Senior Manager

Karen Josey, M.Ed, BSN
Sr. Director of Simulation-Banner Health

Roxann R. Edelson, M.Ed., RNC-OB
RN Director – Clinical Education

Terry Chavez, MSN
Manager Sr.

Carrie Brandon MS, RN
Clinical Education Sr. Manager-Simulation