Critical Care in OBSTETRICS
An Innovative and Integrated Model for Learning the Essentials
Celebrating our Sixth Year

November 21, 22, and 23, 2019
Talking Stick Resort
9800 E Talking Stick Way Scottsdale, AZ 85256

Register at: www.bannerhealth.com/230CARE
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 | Practicing OB Physicians | Emergency Room Physicians | OB Hospitalists | Residents | Medical Students | MFM Fellows | High Risk OB Nurses | 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.

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, Placenta Accreta, and DIC
- Cardiac disease including, pulmonary hypertension, and congenital heart disease
- Sepsis and septic shock
- Respiratory failure
- Preeclampsia and hypertensive crisis
- Amniotic fluid embolism
- Neurologic Emergencies
- Obstetrical Trauma

The Program

In addition, this year we have added a great pre-conference opportunity. We will now hold a Hands-On Cadaveric Lab that will take place on Wednesday, November 20th.

This course is designed to help general OBGYN’s and Maternal Fetal Medicine specialists incorporate minimally invasive techniques for placement of transabdominal cerclage and total hysterectomy. The course will include a didactic session on pelvic anatomy, cervical insufficiency, and the basics of a total laparoscopic hysterectomy. The majority of the time will allow for hands-on experience in a cadaveric lab for all registered participants.

***The pre-conference lab will have a very limited number of registration spots. You will have the following choices:

- Lab Option 1: Trans-Abdominal Cerclage
- Lab Option 2: Total Laparoscopic Hysterectomy

Schedule
12:00 PM - 12:05 PM  Welcoming Remarks
12:05 PM - 12:20 PM  Surgical Anatomy
12:20 PM - 12:35 PM  Cervical Insufficiency / TAC
12:35 PM - 5:00 PM  Cadaveric Lab (Option 1,2 & 3)
## Symposium Information

### Critical Care in Obstetrics Course

**November 21-23, 2019**

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<tr>
<td>Physicians</td>
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<td>High Risk OB Nurses</td>
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<td>Certified Nurse Midwives</td>
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<td>Resident and Fellows</td>
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<td>Medical Students</td>
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### Registration

**NOTE:** Since our first symposium in 2014 registration closed in September. We suggest you register early. Also, please register for the symposium and secure your hotel reservation before purchasing non-refundable airline tickets.

Please visit [www.bannerhealth.com/230CARE](http://www.bannerhealth.com/230CARE) to register.

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 receipt will be emailed after registration.

To provide payment by check, or if you prefer to speak with a representative please call **602.230.CARE (2273)** for registration.
Out-side of Arizona, call **1.800.230.CARE (2273)**.

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### 2019 Schedules

Each morning will consist of didactic sessions that will be held from 7am - 12:15pm. During each afternoon you will either attend the Mesa Simulation Hospital, Talking Stick Simulation Stations or have the afternoon off. This will depend on the schedule you choose at the time of registration. Once your schedule is chosen it cannot be changed.

You will be able to choose your schedule, however your Bus assignment (A, B, C or D) will be assigned by our Symposium Manager after the event registration closes. You must follow the schedule and bus you are assigned to.

***If you intend to go as a group, please make sure that each person in the group identifies their choice when registering. Once registration is completed you can email Sarah Selby to request the same bus departure time.

- **Schedule A**
  - Mesa Simulation Center  
  - Talking Stick Sim Stations  
  - Afternoon Off

  **Thursday, November 21, 2019**
  **Friday, November 22, 2019**
  **Saturday, November 23, 2019**

- **Schedule B**
  - Mesa Simulation Center  
  - Talking Stick Sim Stations  
  - Afternoon Off

  **Friday, November 22, 2019**
  **Saturday, November 23, 2019**
  **Thursday, November 21, 2019**

- **Schedule C**
  - Mesa Simulation Center  
  - Talking Stick Sim Stations  
  - Afternoon Off

  **Saturday, November 23, 2019**
  **Thursday, November 21, 2019**
  **Friday, November 22, 2019**

### Hotel Simulation Stations

1. Virtual Reality  
2. Perimortem C-Section  
3. Thoracic Ultrasound  
4. Airway Management  
5. CPR & Arrhythmia  
6. Intraosseous Infusion
Course Credits

**CME/CEU forms will be available to print/save and the completion of the post course evaluation. Please be sure to keep a copy for your records. We will not be able to provide copies after the event.**

**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 20.5 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.

**Continuing Education Units (CEU)**

An application has been made for nurses to request CEUs for this symposium. Accreditation has not been received as this brochure went to print.

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 2019.

**Attendee Requirements**

As an attendee of this symposium you are required to complete all three (3) of the following requirements to receive CME/CEU credit:

- Pre Symposium Test (SMFM Website)
- Post Symposium Test (SMFM Website)
- Post Course Evaluation (Email from Banner)

There will be a deadline for completion for each of requirement. An email is sent to notify you of each, so it is critical to make sure we have your correct email address.

*Once the deadlines have passed we will not be able to provide CME/CEU credit.*

**Course Materials**

The course materials are found on the Society for Maternal Fetal Medicine website: www.smfm.org. Once registered, you will receive a login/password to access this site. There is no syllabus for this course. Anyone registered for this event needs to watch all of the videos and review Sims and cases prior to the first day.
**Cancellations**

Should you need to cancel your registration a credit memo will be issued for a future year. We do not offer refunds except in extreme situations.

**Hotel**

A block of special group rate rooms has been reserved for attendees at Talking Stick Resort, 9800 E Talking Stick Way, Scottsdale AZ 85256. The hotel must receive all reservation requests on or before Monday, October 21, 2019.

**NOTE:** Since our first symposium in 2014 the hotel has sold out 2 months ahead of the event. We have added more rooms to the room block for 2019 but suggest reserving your room(s) asap.

Hotel reservations can be made by calling the Talking Stick Resort at 1-866-877-9897. You should identify yourself as an attendee for the Critical Care in Obstetrics Symposium that begins on November 21st, 2018 and reference booking ID #16036, 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.

- Group Rate is $170/night including $20 daily hotel fee.
- Check in time is 4:00PM and check-out time is 11:00AM

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

**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.

**Exhibitors**

We will have a group of exhibitors who wish to tell you about their services and/or products. Our exhibitors are a integral part of our course, and their support is very important in providing our attendees with the best MFM education. Please take time to visit with them. Attendees will receive an exhibit passport when checking in at the registration table. During your visit your passport can be “stamped” for the chance to win prizes. In order to be eligible to win, you must get the passport sponsor’s stamp and return the passport to the registration table by Saturday, November 23rd at 8:30am.

We have had great success with our reception the past few years and will continue that again this year. Please join us, November 21st, 2019 at 6PM in the exhibit area for hor d’oeuvres and cocktails. This will give you the opportunity to learn more about the exhibitors that have supported our symposium and to network with other attendees.

**Simulations**

It is strongly recommend that you bring scrubs to wear on the days you are scheduled for simulations.

**Course Material**

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

If you are unable to attend, you can purchase access to the symposium materials for $650 (CME bundle) or $605 (non-CME bundle) by contacting the Society for Maternal Fetal Medicine at http://smfm.org.
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<td>Registration and Breakfast</td>
<td>Grand Ballroom</td>
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<td>7:00 AM - 7:15 AM</td>
<td>Opening Remarks</td>
<td>Michael R. Foley, MD</td>
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<td>7:15 AM - 7:45 AM</td>
<td>Effective Teamwork Communication During Obstetric Emergencies</td>
<td>Dena Goffman, MD</td>
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<td>Q &amp; A Interactive (cases)</td>
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<td>Maternal Cardiac Arrest</td>
<td>LTC(P) Shad Deering, MD</td>
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<td>Acquired Heart Disease/Pulmonary Hypertension</td>
<td>Stephanie Martin, MD</td>
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<td>Sepsis and Septic Shock</td>
<td>Arthur Jason Vaught, MD</td>
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<td>PPH/Massive Transfusion</td>
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<td>Finally Understanding DIC</td>
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<td>Michael R. Foley, MD</td>
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<td>Congenital Heart Disease</td>
<td>Heidi Connolly, MD</td>
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<td>Neurological Complications in the Pregnant Patient</td>
<td>Loralei Thornburg, MD</td>
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<td>Obstetric Trauma</td>
<td>Deirdre Lyell, MD</td>
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<td>Connie Graves, MD</td>
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<td>Michael Leovic, MD</td>
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Program Chairman

Michael R. Foley, MD
Professor and Chair, Department of Obstetrics and Gynecology,
University of Arizona College of Medicine-Phoenix

Karin Fox MD
Co-Chief of the Maternal Fetal Surgery Section
Maternal Fetal Medicine Fellowship Program Director
Baylor St. Luke’s Medical Center, Houston, TX

C. Kevin Huls, MD
Maternal Fetal Medicine Fellowship Program Director, Banner
University Medical Center Phoenix
Medical Director, Phoenix Perinatal Associates, Phoenix, AZ

Michael Leovic, MD
PGY7 MFM Fellow,
Banner University Medical Center Phoenix

Deirdre Lyell, MD
Professor of Obstetrics & Gynecology
Associate Director, Division of Maternal-Fetal Medicine
Program Director, Maternal Fetal Medicine Fellowship
Stanford University Medical Center, Stanford, CA

Stephanie Martin, DO
Medical Director and Co-Owner
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Loralei Thornburg MD
Associate Professor of Obstetrics & Gynecology
Maternal Fetal Medicine Program Director
University of Rochester Medical Center, Rochester, NY

Arthur Jason Vaught, MD
Maternal Fetal Medicine Specialist,
Department of Obstetrics & Gynecology
Surgical Critical Care Physician
Johns Hopkins University, Baltimore, MD

Guest Faculty

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

Connie Graves, MD
Medical Director, Tennessee Maternal Fetal Medicine
Director of Perinatal Services, St. Thomas Health
Co Director, Collaborative Perinatal Cardiac Center
Professor, University of Tennessee
Clinical Professor, Vanderbilt University
Adjunct Professor, Mehany Medical College

Dena Goffman, MD
Associate Professor, Department of Obstetrics and Gynecology,
Columbia University Medical Center
Chief Quality Officer
Morgan Stanley Children’s Hospital & Sloans Hospital for Woman
at New York - Presbyterian Hospital & Columbia
University Medical Center
Co-Lead for Critical Care in Obstetrics Symposium Megasims

COL Shad Deering, MD
Professor and Chair, Department of Obstetrics & Gynecology
Uniformed Services University of the Health Sciences
Central Simulation Committee
Co-Lead for Critical Care in Obstetrics Symposium Megasims

Gary Dildy, MD
Maternal Fetal Medicine Specialist
Park City, UT
A Huge Thank You

I would like to express our deepest appreciation to all of our Faculty for their endless dedication and support of our annual Critical Care in Obstetrics course. Words cannot truly express the gratitude I have for your contributions to the continued success of this course. Your commitment and generosity to help provide our this valuable education that truly makes a difference.

Society for Maternal-Fetal Medicine
We acknowledge the Society for Maternal-Fetal Medicine physicians who have assisted Dr. Foley in planning this Symposium.

COL Shad Deering, MD Co-Director
Bill Goodnight, MD Co-Director
Loralei Thornburg, MD Content Co-Chair
Deirdre Lyell, MD Content Co-Chair
Chris Coleman PMP, Project Manager
Sarah Selby Symposium Manager

Talking Stick Simulation Stations

CPR and Arrhythmia
Nancy Smith

Perimortem C-section I, II, and III
Sara Detlefs, MD

Virtual Reality
Steve Sowards, Will Sowards

Airway Management
Lisa Dado, MD

Intraosseous Infusion
Travis McKown

Thoracic Ultrasound
Cesar Padilla, MD
Karin Fox, MD

Also, a big thank you to all of our Simulation Faculty, (Facilitators & Debriefers) who take personal time out to come and assist us with the course. It is their passion and dedication that allows us to share with you these important skills.

Our thanks to Karen Josey and the Banner Health Simulation Lab staff without whom the hands-on simulation demonstrations wouldn’t be possible.

Simulation Medical Center Staff
Karen Josey, M.Ed., BSN
CHSE Sr. Director of Simulation – Banner Health

Linda Tinker, MSN, RN
CHSE Simulation Sr. Manager

Roxann R. Edelman, M.ED.
RNC-OB RN Director – Clinical Education

Lorena Smith, MSN, RN
Simulation Sr. Manager

Carrie Brandon, MS
RN Simulation Sr. Manager

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Kerri Bolstad Stephanie Latus LeeAnn Borman
Susan LeCometros Jessie Cummins Kelly Mannino
Vickie Hawkins Jauna Mazzocco Alan Haynie
Darlene Mills Pat Hernandez Kristine Murdock
Michael Hinson Yesenia Preciado
Tabitha Grass Kim Schmidt