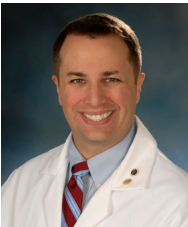
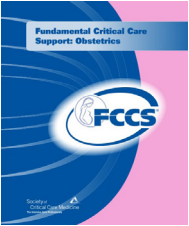


The new **OB Fundamental Critical Care Support** textbook has been carefully reviewed, revised, expanded and conceptually reorganized, to reflect the most current guidelines and practices.

For additional information on FCCS-OB, contact the Hospital Relations Manager at [fccs@sccm.org](mailto:fccs@sccm.org) or 1-847-493-6401.



**Samuel M. Galvagno, DO**, is an Associate Professor of Anesthesiology and the Associate Chief Medical Officer of the Maryland Critical Care Network. He also serves as the Associate Medical Director of the Surgical Intensive Care Unit. Dr. Galvagno graduated from the New York College of Osteopathic

Medicine and completed an internship at St. Clare's/ St. Vincent's Midtown Hospital in New York, New York. He completed residency at Harvard Medical School, Brigham and Woman's and a fellowship in Critical Care Medicine at the Johns Hopkins School of Medicine. He is an active member of the U.S. Air Force holding the rank of Colonel, and recently served as the acting Surgeon General for Medical Operations for the U.S. Air Force Reserve. He is board-certified in anesthesiology (ABA), critical care medicine (ABA), neurocritical care (UCNS and ABMS), emergency medical services (ABEM) and public health (NBPHE).

**FUNDAMENTAL CRITICAL CARE SUPPORT:  
OBSTETRICS**

**September 4-5, 2019**

University of Maryland  
R Adams Cowley Shock Trauma Center  
Critical Care and Trauma Education Simulation Center  
22 S. Greene Street, Baltimore, MD 21201

**Course Directors:**

**Samuel Galvagno, DO, PhD, FCCM**

*University of Maryland/Shock Trauma*

**Lewis Rubinson, MD, PhD**

*University of Maryland/Shock Trauma*

**Marie Baldiserri, MD, MPH, FCCM**

*University of Pittsburgh\**

**A. Jason Vaught, MD**

*Johns Hopkins Hospital\**

**Faculty:**

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*Director of Obstetric Anesthesia, University of Maryland*

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*Obstetrics/Maternal Fetal Medicine, University of Maryland*

**Allison Shannon, MD**

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*Neonatology, University of Maryland*

**Andrew Malinow, MD**

*Obstetric Anesthesia, University of Maryland*

**Samuel Tisherman, MD, FCCM**

*Director of Simulation Center, University of Maryland*

**Daniel Haase, MD, RDMS, RDCS**

*Medical Director, Critical Care Resuscitation Unit (CCRU)*

*\*National Faculty for OB-FCCS*



The R Adams Cowley Shock Trauma Center,  
University of Maryland Medical Center and  
University of Maryland School of Medicine

**PRESENTS**

# A Standardized National Curriculum in the Basic Principles of Critical Care

Fundamental Critical Care Support Provider  
and Instructor Courses

**September 4-5, 2019**



*Sponsored by:*  
Center for Critical Care and Trauma Education,  
University of Maryland School of Medicine

*In cooperation with:*  
Society of Critical Care Medicine



**What is the Fundamental Critical Care Support Obstetrics Course?**  
New to the Fundamentals product line, Fundamental Critical Care Support: Obstetrics is designed to prepare intensivists and nonintensivists who may provide maternal/fetal critical care and to instruct clinicians in obstetrics seeking additional education in critical care.

The Fundamental Critical Care Support (FCCS-OB): Obstetrics course is designed for intensivists and nonintensivists who may provide maternal/fetal critical care and for clinicians in obstetrics seeking additional education in critical care. This course can be licensed and brought to an institution through a traditional live, instructor-led course.

This course contains:

- 13 didactic lectures
- 5 case-based skill stations
- Pre- and posttests
- Companion textbook
- Certificate of successful course completion

Requirements for successful course completion: Attend all didactic sessions, successfully complete all skill stations, and achieve a score of 70% or higher on the post test.

**Why Should I Attend the FCCS-OB Course?**  
The FCCS-OB Course offers an approach to initial management of the critically ill obstetrics patient for providers not formally trained in critical care. Participants will learn useful information about the extended care of critically ill obstetrics patients, especially care related to mechanical ventilation, monitoring, organ hypoperfusion and neurological support. Providers will receive guidance for acute problems encountered in the ICU and for sudden obstetrics patient deterioration.

The FCCS-OB Course content is an ideal curriculum for any practitioner who may need to acutely manage a critically ill patient. It's also ideal for residency training programs.

**Who is Eligible to Become an FCCS-OB Instructor?**  
FCCS-OB Instructor applicants may become Instructors in any of the FCCS-OB Provider courses as well as Instructor Courses. The necessary credentials to become an instructor include:

- SCCM Member in good standing, if a US resident
- Intensivist (determined by your country of residence)
- Physician board certified/eligible in critical care
- Nurse certified in critical care and/or baccalaureate or higher degree

| FCCS-OB COURSE SCHEDULE      |   |   |
|------------------------------|---|---|
| WEDNESDAY, SEPTEMBER 4, 2019 |   |   |
| 7:00 – 7:25 am               | Registration/Pretest<br>(participants must hand in pretest at this time)<br><i>Claire Leidy, Sam Galvagno, Lewis Robinson</i> |   |
| 7:25 – 7:30 am               | Welcome, Course Announcements, FCCS-OB Overview<br><i>Marie Baldiserry, Sam Galvagno, Lewis Robinson</i>                      |   |
| 7:30 – 8:00 am               | Physiologic Changes During Pregnancy<br><i>Marie Baldiserry</i>   |   |
| 8:00 – 8:45 am               | Airway Management in the Pregnant Woman<br><i>Andrew Malinow</i>  |   |
| 8:45 – 9:30 am               | Hemodynamic Monitoring<br><i>Sam Galvagno</i>   |   |
| 9:30 – 10:15 am              | Preeclampsia/Eclampsia<br><i>Jason Vaught</i>   |   |
| 10:15 – 10:30 am             | BREAK   |   |
| 10:30 – 11:15 am             | SKILL STATIONS<br>Management of Severe Preeclampsia/<br>Eclampsia<br><i>TBD</i>   | Cardiac Arrest<br>in the Pregnant Patient<br><i>TBD</i> |
| 11:15 am – 12:00 pm          | Repeat Skill Stations   |   |
| 12:00 – 1:00 pm              | LUNCH   |   |
| 1:00 – 1:45 pm               | Sepsis in Pregnancy<br><i>Allison Shannon</i>   |   |
| 1:45 – 2:30 pm               | Thromboembolic Disease and Pregnancy<br><i>Sarah Crimmins</i>   |   |
| 2:30 – 2:45 pm               | Obstetric Hemorrhage<br><i>Arthur Vaught</i>  |   |
| 2:45 – 3:30 pm               | Maternal Mortality and Cardiac Arrest<br><i>Marie Baldiserry</i>  |   |
| 3:30 – 4:15 pm               | SKILL STATIONS<br>Urosepsis Complicated by Acute Respiratory Distress Syndrome<br><i>TBD</i>                                  | Airway Management<br><i>TBD</i>                         |
| 4:15 – 5:00 pm               | Repeat Skill Stations   |   |
| 5:00 pm                      | ADJOURN   |   |



To register, visit  
[umm.gd/OBFCCS](http://umm.gd/OBFCCS)

| THURSDAY, SEPTEMBER 5, 2019 |  |   |
|-----------------------------|--|---|
| 7:30 – 8:00 am              | Review of Pretest<br><i>Marie Baldiserry, Sam Galvagno, Lewis Robinson</i>                               |   |
| 8:00 – 8:45 am              | Fetal Evaluation and Fetal Concerns in the Seriously Ill Pregnant Patient<br><i>Sarah Crimmins</i>       |   |
| 8:45 – 9:30 am              | Nonobstetric Surgical Diseases in the Pregnant Patient<br><i>Sam Tisherman</i>                           |   |
| 9:30 – 10:15 am             | Pregnancy-Related Acute Kidney Injury<br><i>Allison Shannon</i>  |   |
| 10:15 – 10:30 am            | BREAK  |   |
| 10:30 – 11:00 am            | Management of Delivery and the Newborn<br><i>Colleen Driscoll</i>  |   |
| 11:15 am – 12:00 pm         | Transport of the Critically Ill Pregnant Patient<br><i>Lewis Robinson</i>                                |   |
| 12:00 – 1:00 pm             | LUNCH  |   |
| 1:00 – 2:00 pm              | SKILL STATIONS<br>Postpartum Hemorrhage<br><i>TBD</i>  | Delivery and Neonatal Resuscitation<br><i>TBD</i> |
| 2:00 – 3:00 pm              | Repeat Skill Stations  |   |
| 3:00 pm – 3:15 pm           | BREAK  |   |
| 3:15 – 3:45 pm              | Test Review<br><i>TBD</i>  |   |
| 3:45 – 5:00 pm              | Final Written Test<br><i>Claire Leidy, Sam Galvagno, Lewis Robinson, Marie Baldiserry, Arthur Vaught</i> |   |



**Course Objectives**  
At the completion of the course, learners will be able to:

- Prioritize assessment needs for the critically ill pregnant patient
- Explain physiologic changes during pregnancy
- Describe specific maternal obstetric and medical conditions and appropriate treatment
- Describe optimal maternal CPR and airway management in the care of the critically ill pregnant patient
- Describe appropriate steps for fetal assessment, delivery, and neonatal management
- Determine the need for expert consultation and/or patient transfer and prepare the practitioner for optimally accomplishing pregnant patient transfer

**Accreditation**  
This continuing nursing education activity was approved by the Maryland Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. This course has been approved for 14.25 Continuing Education Credits.

**Faculty Disclosure**  
It is the policy of the University of Maryland School of Medicine to ensure balance, independence objectivity and scientific rigor in all of its educational activities. In accordance with this policy, all persons in a position to control the educational content of this activity must disclose any relevant financial relationships they have with commercial interests. Any identified conflicts must be resolved prior to the speaker's presentation.

**For Registration & Questions**  
To register, visit [umm.gd/OBFCCS](http://umm.gd/OBFCCS) or contact Jason Bates at [obates@umm.edu](mailto:obates@umm.edu) or 410-328-2799.

This course will be hosted at our state-of-the art education and training center at the University of Maryland Critical Care and Trauma Education Center:  
[umms.org/ummc/pros/critical-care-trauma-education](http://umms.org/ummc/pros/critical-care-trauma-education)  
For more information about FCCS-OB:  
[sccm.org/Fundamentals/FCCS/FCCS-Obstetrics](http://sccm.org/Fundamentals/FCCS/FCCS-Obstetrics)  
For more information about the Maryland Critical Care Network:  
[umms.org/healthcare-professionals/mccn/education](http://umms.org/healthcare-professionals/mccn/education)