

**Division of Maternal Fetal Medicine**  
Department of Obstetrics, Gynecology,  
& Reproductive Sciences and Surgery  
University of California San Francisco

**Division of Critical Care Medicine**  
Department of Anesthesia and Perioperative Care  
University of California San Francisco



**UCSF**

# Fundamental Critical Care Support: Obstetrics



2021

Friday - Saturday  
**November 5-6, 2021**

Oberndorf Auditorium  
UCSF Medical Center at Mission Bay  
San Francisco, California

### Onsite and Livestream Meeting

Registrants will have the option to select in person or remote online attendance. Login instructions along with the digital syllabus will be shared with attendees a week before the meeting.





# Fundamental Critical Care Support: Obstetrics

November 5-6, 2021

The Division of Maternal Fetal Medicine in the Department of Obstetrics, Gynecology, & Reproductive Sciences and Surgery and the Division of Critical Care Medicine in the Department of Anesthesia and Perioperative Care proudly present the Society of Critical Care Medicine course: **Fundamental Critical Care Support: Obstetrics (FCCS: OB)** which provides training specific to treating the critically ill or injured pregnant patient.

## TARGET AUDIENCE

The **Fundamental Critical Care Support: Obstetrics (FCCS:OB)** course is recommended for intensivist and non-intensivist healthcare professionals who may provide maternal/fetal critical care and for clinicians in obstetrics seeking critical care training.

## 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

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UCSF designates this live activity for a maximum of **15 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

### Nurses

This course is approved by the California Board of Registered Nursing for **14.6 CEU's**  
Provider number CEP 12981

### Physician Assistants

AAPA accepts category 1 credit from AOACCME, Prescribed credit from AAFP, and **AMA PRA Category 1 Credit™** from organizations accredited by the ACCME.

## GENERAL INFORMATION

Advanced registration closes four (4) weeks prior to start of course on Friday, October 8th. There will not be any onsite registration.

<b>Tuition*:</b>	<b>\$425</b>	Physicians
	<b>\$225</b>	Nurses/Advanced Health Practitioners
	<b>\$165</b>	Residents/Fellows

\*This course requires the Fundamental Critical Care Support: Obstetrics book. Once registered, attendees will be contacted to designate preference for hard copy versus eBook, as well as preference for on-site versus virtual participation. Onsite participation will be limited to UCSF staff and faculty only at this time. Login instructions along with the digital syllabus will be shared with attendees a week before the meeting.

Payment may be made by Visa or MasterCard

### REGISTER VIA:

**Online:** <https://bchsfoutreach.ucsf.edu>

**Register via:** Participants can register through the UCSF Benioff Children's Hospital San Francisco Outreach Program website. New users will need to register on the website prior to registering for the course. Once registered, the link to the course registration can be found under the "Upcoming Courses" tab on the website.

For any questions or assistance with registration, please contact the UCSF Benioff Children's Hospital Outreach Program:

**Phone:** (415) 353-1574

**Fax:** (415) 353-1503

**Email:** [bchsfoutreach@ucsf.edu](mailto:bchsfoutreach@ucsf.edu)

Please check our website for up-to-date information on the course: <https://bchsfoutreach.ucsf.edu>

### REFUND POLICY

Cancellations received in writing up to one week before the course will be refunded, less a \$115 administrative fee. No refunds will be made on cancellations received after that date.

### CONFERENCE LOCATION

**Oberndorf Auditorium, UCSF Medical Center at Mission Bay in San Francisco, CA**

**Onsite attendance** will be offered *only* to UCSF staff and faculty. The final number of in-person attendees will be determined by current local and university guidelines. We advise you to register early if you want to attend in person. Remote attendance via zoom is available to all attendees, and the cut-off date for registering is 11:59 pm PDT October 8, 2021. Registrants will be given attendance instructions and the electronic course materials 1 week in advance of the conference. All course times are in the Pacific Daylight Time Zone. Food will not be included for those participating on-site.



## Day 1 – Friday, November 5, 2021

7:30 am	<i>Registration</i>	
8:00	<b>Welcome and Course Introduction</b>	Frederico Rocha, MD
8:15	<b>Physiologic Changes During Pregnancy</b>	Frederico Rocha, MD
8:45	<b>Hemodynamic Monitoring</b>	Lindsey Huddleston, MD
9:15	<b>Sepsis</b>	Lindsey Huddleston, MD
10:00	<i>Break</i>	
10:15	<b>Preeclampsia/Eclampsia</b>	Tushani Illangasekare, MD
11:00	<b>Skill Station: Management of Severe Preeclampsia and Eclampsia</b>	
12:00 pm	<i>Lunch</i>	
12:45	<b>Obstetric Hemorrhage</b>	Naghma Farooqi, MD
1:30	<b>Airway Management in the Pregnant Patient</b>	Peter Yeh, MD
2:15	<b>Mechanical Ventilation</b>	Rondall Lane, MD
3:00	<i>Break</i>	
3:15 - 4:00	<b>Skill station A: Urosepsis Complicated by ARDS</b>	
4:05 - 4:45	<b>Skill station B: Urosepsis Complicated by ARDS</b>	
3:15 - 4:00	<b>Skill Station A: Postpartum Hemorrhage</b>	
4:05 - 4:45	<b>Skill Station B: Postpartum Hemorrhage</b>	
4:45	<b>Day 1 Wrap-up</b>	
5:00 pm	<i>Adjourn</i>	

## Day 2 – Saturday, November 6, 2021

8:00 am	<b>Welcome Day 2</b>	
8:15	<b>Thromboembolic Disease and Pregnancy</b>	Rebecca Martinez, MD
9:00	<b>Nonobstetric Surgical Diseases in the Pregnant Patient</b>	Lucy Zumwinkle Kornblith, MD
9:45	<i>Break</i>	
10:00	<b>Pregnancy-related AKI</b>	Sara Abu-Tabikh, MD
10:45	<b>Maternal Mortality and Cardiac Arrest</b>	Erika Wilson, NP
11:30	<b>Fetal Evaluation and Fetal Concerns in the Seriously Ill Pregnant Patient</b>	Juan Gonzalez, MD
12:15 pm	<i>Lunch</i>	
1:00	<b>Management of Delivery and Newborn</b>	Frederico Rocha, MD Thomas Shimotake, MD
2:00	<b>Transport of the Critically Ill Pregnant Patient</b>	Rondall Lane, MD
2:45	<i>Break</i>	
3:00 - 3:45	<b>Skill Station A: Cardiac Arrest in the Pregnant Patient</b>	
3:45 - 4:30	<b>Skill Station B: Cardiac Arrest in the Pregnant Patient</b>	
3:00 - 3:45	<b>Skill Station A: Delivery and Neonatal Resuscitation</b>	
3:45 - 4:30	<b>Skill Station B: Delivery and Neonatal Resuscitation</b>	
4:30	<i>Break</i>	
4:45	<b>Pre-test review and Wrap Up</b>	
5:15 pm	<i>Adjourn</i>	

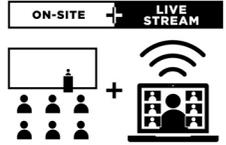
program



REGISTER TODAY!

<https://bchsfoutreach.ucsf.edu>

For more information or to register online visit our website at <https://bchsfoutreach.ucsf.edu>  
 You may also reach us by calling the UCSF Benioff Children's Hospital Outreach Program at (415) 353-1574 or emailing [bchsfoutreach@ucsf.edu](mailto:bchsfoutreach@ucsf.edu).



UCSF Health | Mission Bay Site

- + **Children's Emergency**
- **Muni Bus Stop**  
UCSF at Mission Bay is accessible via Muni bus routes 22 - Fillmore, 55 - 16th Street, and 91 - Owl. All listed routes are accessible via wheelchair.
- **Muni T-3rd St. Light Rail**  
Muni streetcar line, T-3rd St. stops at 3rd St. and South St. as well as 3rd St. and Mariposa St. This route is accessible via wheelchair. For more information, visit [sfmts.com](http://sfmts.com).
- ▲ **Parking Entrance**
- **Patient Drop-Off**  
Patients may be dropped-off at the circle drives in front of the Gateway Medical Building or the Hospitals.
- P **Public Parking**  
See map to the left for public parking locations. For parking rates visit <http://campuslifeservices.ucsf.edu>
- **UCSF Shuttle Stop**  
Shuttles connect all major UCSF Health site locations in San Francisco: Parnassus Heights, Mission Bay, Mount Zion, China Basin and Zuckerberg San Francisco General. Inter-campus services are provided Monday to Friday, from 5:00 a.m. to 9:00 p.m., and are free for patients and their family members. Shuttles are wheelchair accessible. For *shuttle timetables and routes*, visit: [campuslifeservices.ucsf.edu](http://campuslifeservices.ucsf.edu)
- **Valet Parking**  
Gateway Medical Building: Service is available Monday to Friday from 8:00 a.m. to 6:00 p.m. Vehicle drop-off is until 3:00 p.m., and valet vehicle retrieval until 6:00 p.m. After hours, keys will be available with a UCSF parking attendant.  
Smith Cardiovascular Research Building: Service is available Monday to Friday from 7:30 a.m. to 3:45 p.m.  
  
*Valet service is available at no extra charge to patients and families.*

**▲ Oberndorf Auditorium, UCSF Medical Center**  
 1855 4th St MGH#1602A/B • UCSF Mission Bay Campus • San Francisco, California

**COURSE CHAIR**

**Frederico Rocha, MD, MS**  
 Associate Professor  
 Obstetrics, Gynecology and Reproductive Sciences  
 UCSF Medical Center  
 San Francisco, CA

**COURSE CO-DIRECTOR**

**Erika Wilson, RN, MS, ACNP-BC**  
 Assistant Clinical Professor of Nursing  
 Critical Care Medicine Advanced Practice Provider Manager  
 UCSF Medical Center  
 San Francisco, CA

**COURSE FACULTY**

(University of California, San Francisco unless indicated)

**Sara Abu-Tabikh, MD**  
 Clinical Instructor  
 Critical Care Medicine  
 Obstetrics & Gynecology  
 Loma Linda University  
 (Loma Linda, CA)  
 University of California,  
 San Francisco

**Lee-lynn Chen, MD**  
 Clinical Professor  
 Anesthesia and Critical Care  
 Medicine

**COURSE FACULTY (CONT'D)**

**Naghma Farooqi, MD, FACOG**  
 Clinical Professor  
 Obstetrics, Gynecology and Reproductive Sciences  
 Director of Labor and Delivery

**Juan M. Gonzalez Velez, MD, PhD**  
 Professor  
 Division of Maternal-Fetal Medicine  
 Department of Obstetrics, Gynecology & Reproductive Sciences

**Lindsey Huddleston, MD**  
 Assistant Clinical Professor  
 Anesthesia and Critical Care  
 Medicine  
 Medical Director,  
 Adult ICU Mission Bay

**Tushani Illangsekare, MD**  
 Assistant Clinical Professor  
 Obstetrics, Gynecology and Reproductive Sciences  
 Associate Director of Labor and Delivery

**Rondall Lane, MD**  
 Clinical Professor  
 Anesthesia and Critical Care  
 Medicine

**COURSE FACULTY (CONT'D)**

**Rebecca Havlir Martinez, MD**  
 Assistant Professor  
 Anesthesia and Critical Care  
 Medicine

**Thomas K. Shimotake, MD, FAAP**  
 Professor of Pediatrics  
 UCSF School of Medicine  
 Medical Director, Intensive Care Nursery  
 UCSF Benioff Children's Hospital

**Peter Yeh, MD**  
 Assistant Professor  
 Anesthesia and Perioperative Care

**Lucy Zwinkl Kornblith, MD, FACS**  
 Assistant Professor of Surgery  
 Trauma Surgery and Surgical Critical Care  
 University of California  
 San Francisco  
 Zuckerberg San Francisco  
 General Hospital

faculty