

**Fundamental Critical Care Support: Obstetrics  
Sample Course Agenda**

Day 1	
8:00 a.m. – 8:30 a.m.	Registration/Pretest (participants must hand in pretest at this time)
8:30 a.m. – 8:45 a.m.	Welcome, Course Announcements, and FCCS: OB Overview
8:45 a.m. – 9:20 a.m.	<b>Physiologic Changes in Pregnancy</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>• Recognize the physiologic changes of pregnancy and their effect on the diagnosis and management of critically ill pregnant patients</li> <li>• Anticipate the effects of pregnancy on a new or underlying medical condition</li> </ul>
9:20 a.m. – 10:05 a.m.	<b>Hemodynamic Monitoring</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>• Discern risks and benefits of various means of hemodynamic monitoring</li> <li>• Identify situations in which advanced monitoring techniques are indicated</li> </ul>
10:05 a.m. – 10:20 a.m.	Break
10:20 a.m. – 11:10 a.m.	<b>Preeclampsia and Eclampsia</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>• Describe diagnostic criteria for preeclampsia/eclampsia</li> <li>• Identify the most significant complications of preeclampsia</li> <li>• Describe how to manage preeclampsia and its main complications</li> </ul>
11:10 a.m. – 12:00 p.m.	<b>Skill Station: Management of Severe Preeclampsia and Eclampsia</b>
12:00 p.m. – 12:50 p.m.	Lunch
12:50 p.m. – 1:35 p.m.	<b>Airway Management in Pregnancy</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>• Understand airway modifications in the pregnant patient</li> <li>• Describe factors that cause airway difficulties in the pregnant patient</li> <li>• Outline interventions to manage airway difficulties</li> </ul>
1:35 p.m. – 2:20 p.m.	<b>Sepsis in Pregnancy</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>• Identify causes of serious infections in the pregnant and postpartum patient</li> <li>• Recognize early manifestations of sepsis in pregnancy</li> <li>• Outline initial strategies for management of maternal sepsis, including resuscitation and source control</li> </ul>
2:20 p.m. – 3:00 p.m.	<b>Maternal Mortality and Cardiac Arrest</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>• Review the incidence and etiology of maternal mortality and cardiac arrest during pregnancy</li> <li>• Outline the physiologic changes of pregnancy that must be considered in resuscitation</li> <li>• Recognize the fundamental principles of basic and advanced cardiovascular life support in resuscitation of the pregnant patient</li> </ul>
3:00 p.m. – 3:15 p.m.	Break
3:15 p.m. – 4:00 p.m.	<b>Skill Station: Cardiopulmonary Arrest in Pregnancy</b>
4:00 p.m. – 4:45 p.m.	<b>Skill Station: Urosepsis Complicated by Acute Respiratory Distress Syndrome</b>
4:45 p.m. – 5:00 p.m.	Day 1 Wrap-Up

Day 2	
8:00 a.m. – 8:10 a.m.	Welcome to Day 2
8:10 a.m. – 8:50 a.m.	<b>Pregnancy-Related Acute Kidney Injury</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>Identify the physiologic changes in the renal system of the pregnant patient</li> <li>Review the diagnostic evaluation of pregnancy-related acute kidney injury</li> <li>Recognize the main principles of managing acute kidney injury in the pregnant patient</li> </ul>
8:50 a.m. – 9:30 a.m.	<b>Obstetric Hemorrhage</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>Outline diagnostic criteria, evaluation, and differential diagnosis of obstetric hemorrhage</li> <li>Recognize and manage massive obstetric hemorrhage</li> <li>Identify complications of obstetric hemorrhage and transfusion therapy</li> </ul>
9:30 a.m. – 10:15 a.m.	<b>Skill Station: Postpartum Hemorrhage</b>
10:15 a.m. – 10:30 a.m.	Break
10:30 a.m. – 11:15 a.m.	<b>Nonobstetric Surgical Diseases in the Pregnant Patient</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>Review nonobstetric surgical diseases that occur most commonly in pregnant patients</li> <li>Identify the most useful diagnostic methods and those that pose the least risk to the fetus</li> <li>Recognize the role of multidisciplinary management in surgical emergencies</li> </ul>
11:15 a.m. – 12:00 p.m.	<b>Fetal Evaluation and Fetal Concerns in the Seriously Ill Pregnant Patient</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>Review basic principles of placental function and fetal development</li> <li>Describe techniques to ascertain and ensure fetal well-being</li> <li>Review principles of teratology, with specific application to medication and radiation during pregnancy</li> <li>Recognize causes of ICU admission in the obstetric population and fetal implications</li> <li>Outline ICU interventions that may be undertaken specifically for fetal benefit</li> </ul>
12:00 p.m. – 12:50 p.m.	Lunch
12:50 p.m. – 1:35 p.m.	<b>Transport of the Critically Ill Pregnant Patient</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>Distinguish intrahospital transfer from interhospital transfer</li> <li>Review how transporting the critically ill pregnant patient differs from transporting other critically ill patients</li> <li>Identify the three phases of transport</li> <li>Recognize common complications associated with transport</li> <li>Determine the various modes of transport and the relative advantages and disadvantages</li> <li>List the equipment needed for transport</li> </ul>
1:35 p.m. – 2:20 p.m.	<b>Thromboembolism Disease and Pregnancy</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>Recognize the physiologic changes during pregnancy that can make the diagnosis of thromboembolic disease more challenging</li> <li>Determine the thromboprophylaxis options available during pregnancy</li> <li>Select appropriate tests for confirming or ruling out the diagnosis of thromboembolism in high-risk patients</li> </ul>
2:20 p.m. – 3:00 p.m.	<b>Management of Delivery and the Newborn</b> <i>Objectives:</i> <ul style="list-style-type: none"> <li>Outline the physiologic process of labor in the pregnant patient</li> <li>Prepare to manage labor and delivery in the critically ill pregnant patient</li> <li>Outline the principles of evaluation and resuscitation of the neonate</li> </ul>
3:00 p.m. – 3:15 p.m.	Break
3:15 p.m. – 4:00 p.m.	<b>Skill Station: Delivery and Neonatal Resuscitation</b>
4:00 p.m. – 5:00 p.m.	Course Wrap-Up and Posttest