

Fundamental Critical Care Support

Sample Course Schedule

Day 1			
7:00 am – 7:25 am	Registration / Pretest (participants must hand in pretest at this time)		
7:25 am – 7:30 am	Welcome, Course Announcements, and FCCS Overview		
7:30 am – 8:00 am	Recognition and Assessment of the Seriously Ill Patient <u>Objective:</u> Recognize the early signs and symptoms of critical illness.		
8:00 am – 8:45 am	Diagnosis and Management of Acute Respiratory Failure <u>Objective:</u> Summarize management principles of acute respiratory failure.		
8:45 am – 9:30 am	Mechanical Ventilation I <u>Objective:</u> Describe the characteristics of different types of breaths and modes of mechanical ventilation (noninvasive and invasive).		
9:30 am – 10:15 am	Mechanical Ventilation II <u>Objective:</u> Review the guidelines for initial ventilator management that apply to specific clinical situations.		
10:15 am – 10:30 am	Break		
10:30 am – 11:15 am	<table border="1"> <tr> <td style="text-align: center; vertical-align: middle;">Skill Stations</td> <td> <p>A. Mechanical Ventilation I <u>Objectives:</u> Describe the indications for initiation of mechanical ventilation. Modify the ventilator prescription in response to patient data.</p> <p>B. Noninvasive Positive Pressure Ventilation (NPPV) <u>Objectives:</u> Assemble the equipment necessary for NPPV. Practice techniques of NPPV.</p> </td> </tr> </table>	Skill Stations	<p>A. Mechanical Ventilation I <u>Objectives:</u> Describe the indications for initiation of mechanical ventilation. Modify the ventilator prescription in response to patient data.</p> <p>B. Noninvasive Positive Pressure Ventilation (NPPV) <u>Objectives:</u> Assemble the equipment necessary for NPPV. Practice techniques of NPPV.</p>
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11:15 am – 12:00 pm	Repeat Skill Stations		
12:00 pm – 1:00 pm	Lunch		
1:00 pm – 1:45 pm	Monitoring Oxygen Balance and Acid-Base Status <u>Objectives:</u> Outline the determinants of oxygen balance. Explain the use of oxygenation and acid-base status as a monitor in the seriously ill patient.		
1:45 pm – 2:30 pm	Diagnosis and Management of Shock <u>Objective:</u> Discuss management strategies for the critically ill or injured patient in shock.		
2:30 pm – 2:45 pm	Break		
2:45 pm – 3:30 pm	Life-Threatening Infections: Diagnosis and Antimicrobial Therapy Selection <u>Objectives:</u> Identify systemic and site-specific clinical manifestations of life-threatening infections, including the uses of clinical laboratory tests. Apply principles of antimicrobial treatment for empiric therapy and for specific infections.		
3:30 pm – 4:15 pm	<table border="1"> <tr> <td style="text-align: center; vertical-align: middle;">Skill Stations</td> <td> <p>A. Mechanical Ventilation II <u>Objectives:</u> Describe the approach to the patient with a high pressure alarm. Practice ventilation adjustments in response to changes in patient status.</p> <p>B. Integrated Skill Station 1 <u>Objectives:</u> Use case-based scenario to discuss appropriate assessment and management of the patient experiencing multisystem alterations.</p> </td> </tr> </table>	Skill Stations	<p>A. Mechanical Ventilation II <u>Objectives:</u> Describe the approach to the patient with a high pressure alarm. Practice ventilation adjustments in response to changes in patient status.</p> <p>B. Integrated Skill Station 1 <u>Objectives:</u> Use case-based scenario to discuss appropriate assessment and management of the patient experiencing multisystem alterations.</p>
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4:15 pm – 5:00 pm	Repeat Skill Stations		

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Day 2			
7:30 am – 8:00 am	Review of Pretest		
8:00 am – 8:45 am	<p>Acute Coronary Syndromes (may omit if all participants are ACLS providers)</p> <p><u>Objectives:</u> Identify characteristics of patients with acute coronary syndromes with different electrocardiographic and clinical presentations. Recognize the complications of myocardial infarction and outline appropriate management.</p>		
8:45 am – 9:30 am	<p>Neurologic Support</p> <p><u>Objective:</u> Review specific management principles and options for common neurologic emergencies.</p>		
9:30 am – 9:45 am	Break		
9:45 am – 10:30 am	<p>Management of Life-Threatening Electrolyte and Metabolic Disturbances</p> <p><u>Objectives:</u> Discuss common electrolyte disturbances, their recognition and management in critically ill patients. Describe management strategies appropriate to common metabolic emergencies, including those related to glucose metabolism.</p>		
10:30 am – 11:00 am	<p>Special Considerations</p> <p><u>Objective:</u> Discuss prevention, early recognition, and management of common problems among critically ill patients, including thromboembolic events, severe gastrointestinal hemorrhage, poisoning, and temperature-related illness or injury.</p>		
11:00 am – 11:30 am	<p>Critical Care in Pregnancy (optional)</p> <p><u>Objective:</u> Describe the physiologic and metabolic alterations unique to pregnancy. Discuss management strategies appropriate to the critically ill or injured pregnant patient.</p>		
11:30 am – 12:00 pm	<p>Ethics in Critical Care Medicine (optional)</p> <p><u>Objectives:</u> Review ethical principles. Discuss ethical dilemmas that involve triage, medical futility, do-not-attempt resuscitation orders, and withdrawal of life support in critically ill patients.</p>		
12:00 pm – 12:45 pm	Lunch		
12:45 pm – 1:30 pm	<p>Basic Trauma and Burn Support (may omit if all participants have taken ATLS course)</p> <p><u>Objectives:</u> Prioritize timely assessment of the trauma patient. Identify principles of early burn management.</p>		
1:30 pm – 2:15 pm	<p>Critical Care in Infants and Children: The Basics (optional)</p> <p><u>Objectives:</u> Review physiologic differences between pediatric and adult patients in terms of critical illness. Evaluate the differences in the incidence of conditions, consequences, and complications between critically ill or injured pediatric and adult patients.</p>		
2:15 pm – 3:00 pm	<table border="1"> <tr> <td style="text-align: center; vertical-align: middle;">Skill Stations</td> <td> <p>A. Integrated Skill Station 2</p> <p><u>Objective:</u> Use case-based scenario to discuss the appropriate assessment and management of the patient experiencing multisystem alterations.</p> <p>B. Integrated Skill Station 3</p> <p><u>Objective:</u> Use case-based scenario to discuss the appropriate assessment and management of the patient experiencing multisystem alterations.</p> </td> </tr> </table>	Skill Stations	<p>A. Integrated Skill Station 2</p> <p><u>Objective:</u> Use case-based scenario to discuss the appropriate assessment and management of the patient experiencing multisystem alterations.</p> <p>B. Integrated Skill Station 3</p> <p><u>Objective:</u> Use case-based scenario to discuss the appropriate assessment and management of the patient experiencing multisystem alterations.</p>
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