

FCCS: Tropical Diseases

Sample Course Schedule

Day 1				
7:00 a.m. – 7:30 a.m.	Registration / Pretest (participants must hand in pretest at this time)			
7:30 a.m. – 7:45 a.m.	Welcome, Course Announcements, and FCCS Overview			
7:45 a.m. – 8:15 a.m.	Recognition and Assessment of the Seriously Ill Patient <u>Objective:</u> Recognize the early signs and symptoms of critical illness.			
8:15 a.m. – 8:45 a.m.	Diagnosis and Management of Acute Respiratory Failure <u>Objective:</u> Summarize management principles of acute respiratory failure.			
8:45 a.m. – 9:15 a.m.	Mechanical Ventilation 1 <u>Objective:</u> Describe the characteristics of different types of breaths and modes of mechanical ventilation (noninvasive and invasive).			
9:15 a.m. – 9:45 a.m.	Mechanical Ventilation 2 <u>Objective:</u> Review the guidelines for initial ventilator management that apply to specific clinical situations.			
9:45 a.m. – 10:00 a.m.	Break			
10:00 a.m. – 10:45 a.m.	<table border="1"> <tr> <td rowspan="2" style="writing-mode: vertical-rl; transform: rotate(180deg);">Skill Stations</td> <td>A. Mechanical Ventilation 1 <u>Objectives:</u> Describe the indications for initiation of mechanical ventilation. Modify the ventilator prescription in response to patient data.</td> </tr> <tr> <td>B. Noninvasive Positive Pressure Ventilation (NPPV) <u>Objectives:</u> Assemble the equipment necessary for NPPV. Practice techniques of NPPV.</td> </tr> </table>	Skill Stations	A. Mechanical Ventilation 1 <u>Objectives:</u> Describe the indications for initiation of mechanical ventilation. Modify the ventilator prescription in response to patient data.	B. Noninvasive Positive Pressure Ventilation (NPPV) <u>Objectives:</u> Assemble the equipment necessary for NPPV. Practice techniques of NPPV.
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	B. Noninvasive Positive Pressure Ventilation (NPPV) <u>Objectives:</u> Assemble the equipment necessary for NPPV. Practice techniques of NPPV.			
10:45 a.m. – 11:30 a.m.	Repeat Skill Stations			
11:30 a.m. – 12:00 p.m.	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.			
12:00 p.m. – 1:00 p.m.	Lunch			
1:00 p.m. – 1:30 p.m.	Diagnosis and Management of Shock <u>Objective:</u> Discuss management strategies for the critically ill or injured patient in shock.			
1:30 p.m. – 2:00 p.m.	Neurologic Support <u>Objective:</u> Review specific management principles and options for common neurologic emergencies.			

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2:00 p.m. – 2:45 p.m.	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 (choose 1) <u>Objectives:</u> Use case-based scenario to discuss appropriate assessment and management of the patient experiencing multi-system alterations.</p>
2:45 p.m. – 3:30 p.m.	Repeat Skill Stations	
3:30 p.m. – 3:45 p.m.	Break	
3:45 p.m. – 4:15 p.m.	<p>Acute Coronary Syndromes (can be removed if all participants are ACLS providers) <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>	
4:30 p.m. – 5:00 p.m.	<p>Basic Trauma and Burn Support (optional, can be removed if all participants have taken the ATLS course) <u>Objectives:</u> Prioritize timely assessment of the trauma patient. Identify principles of early burn management.</p>	
Day 2		
8:00 a.m. – 8:30 a.m.	Review of Pretest	
8:30 a.m. – 9:00 a.m.	<p>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.</p>	
9:00 a.m. – 9:15 a.m.	FCCS: TD Introduction	
9:15 a.m. – 9:45 a.m.	Chikungunya Virus Disease	
9:45 a.m. – 10:15 a.m.	Dengue Fever	
10:15 a.m. – 10:30 a.m.	Break	
10:30 a.m. – 11:00 a.m.	Ebola Virus Disease	
11:00 a.m. – 11:30 a.m.	Hemorrhagic Fevers: Marburg and Lassa Viruses	
11:30 a.m. – 12:00 p.m.	Leptospirosis	
12:00 p.m. – 1:00 p.m.	Lunch	
1:00 p.m. – 1:30 p.m.	Severe Malaria	
1:30 p.m. – 2:00 p.m.	Typhoid Fever	
2:00 p.m. – 2:30 p.m.	Viral Encephalitis	
2:30 p.m. – 3:00 p.m.	Yellow Fever	
3:00 p.m. – 3:30 p.m.	Break	
3:30 p.m. – 4:00 p.m.	Zika Virus Disease	
4:00 p.m. – 5:00 p.m.	Posttest and Adjourn	