Society of Critical Care Medicine
The Intensive Care Professionals

FCCS SURGICAL

Fundamental Critical Care Support: Surgical

Sample Agenda Option A

This is recommended for learners who have not previously taken FCCS.

Modules to Complete Online Before Attending Course	
19m	Recognition and Assessment of the Seriously Ill
19m	Approach to the Surgical Patient, Part 1: Overview of the Care of the Critically Ill Patient
12m	Approach to the Surgical Patient, Part 2: Surgical Emergencies
17m	Diagnosis and Management of Acute Respiratory Failure
18m	Surgical Airway Emergencies
24m	Mechanical Ventilation 1
22m	Mechanical Ventilation 2
34m	Monitoring of Oxygen Balance and Acid Base Status
32m	Diagnosis and Management of Shock
37m	Neurological Support
29m	Life Threatening Infections: Diagnosis and Antimicrobial Therapy Selection
32m	Basic Trauma and Burn Support
22m	Abdominal Surgical Emergencies: Part 1
22m	Abdominal Surgical Emergencies: Part 2
27m	Acute Coronary Syndrome
21m	Cardiovascular Surgical Emergencies
25m	Management of Life-Threatening Electrolyte and Metabolic Disturbances
23m	Management of Special Population
15m	Surgical Soft Tissue Complications and Urgencies

In-Person Skills Day	
7:30 a.m. – 7:45 a.m.	**Welcome, Course Announcements** **FCCS: Surgical Overview**
7:45 a.m. – 8:30 a.m.	**SKILL STATIONS A & B** **A. Mechanical Ventilation I** • Describe indications for initiation of mechanical ventilation • Modify the ventilator prescription in response to patient data **B. Recognition and Assessment of the Seriously Ill Patient** • Identify and rapidly treat life-threatening events • Understand the need to administer oxygen to critically ill patients • Understand that treatment and search for diagnoses should occur simultaneously • Recognize shock and its treatment

8:30 a.m. – 9:15 a.m.	**SKILL STATIONS A & B** **A. Mechanical Ventilation I** • Describe indications for initiation of mechanical ventilation • Modify the ventilator prescription in response to patient data **B. Recognition and Assessment of the Seriously Ill Patient** • Identify and rapidly treat life-threatening events • Understand the need to administer oxygen to critically ill patients • Understand that treatment and search for diagnoses should occur simultaneously • Recognize shock and its treatment
9:15 a.m. – 10:00 a.m.	**SKILL STATIONS C & D** **C. Mechanical Ventilation II** • Describe the approach to the patient with a high-pressure alarm • Practice ventilation adjustments in response to changes in patient status **D. Assessment of the Critically Ill Postoperative Patient** • Identify common postsurgical conditions related to critical illness • Identify and manage common postanesthetic complications in the surgical patient • Prioritize and manage common postsurgical complications in a patient with complex medical comorbidities
10:00 a.m. – 10:15 a.m.	***BREAK***
10:15 a.m. – 11:00 a.m.	**SKILL STATIONS C & D** **C. Mechanical Ventilation II** • Describe the approach to the patient with a high-pressure alarm • Practice ventilation adjustments in response to changes in patient status **D. Assessment of the Critically Ill Postoperative Patient** • Identify common postsurgical conditions related to critical illness • Identify and manage common postanesthetic complications in the surgical patient • Prioritize and manage common postsurgical complications in a patient with complex medical comorbidities
11:00 a.m.– 11:45 a.m.	**SKILL STATIONS E & F** **E. Hypotension After Abdominal Operation** • Discuss causes of shock in the postoperative patient • Identify risk factors for ACS • Explain the diagnostic criteria for ACS **F. Noninvasive Positive Pressure Ventilation** • List diagnoses for which NPPV may be an appropriate therapy • List characteristics of a patient who is a good candidate for NPPV • Discuss the contraindications to NPPV • Describe techniques to facilitate patient acceptance of NPPV • Summarize the monitoring requirements for a patient treated with NPPV
11:45 a.m.– 12:30 p.m.	**SKILL STATIONS E & F** **E. Hypotension After Abdominal Operation** • Discuss causes of shock in the postoperative patient • Identify risk factors for ACS

	• Explain the diagnostic criteria for ACS **F. Noninvasive Positive Pressure Ventilation** • List diagnoses for which NPPV may be an appropriate therapy • List characteristics of a patient who is a good candidate for NPPV • Discuss the contraindications to NPPV • Describe techniques to facilitate patient acceptance of NPPV • Summarize the monitoring requirements for a patient treated with NPPV
12:30 p.m. – 1:15 p.m.	***LUNCH***
1:15 p.m. – 2:00 p.m.	**SKILL STATIONS G & H** **G. Integrated Abdominal Sepsis** • Recognize surgical emergencies in patients without surgical illness • Interpret, troubleshoot, and manage abdominal pain in the critically ill patient **H. Integrated Airway Management and Hemorrhagic Shock Scenario** • Discuss the goals of resuscitation in shock • List procedures for the management of hemorrhagic shock • Identify alternate solutions for the management of intubation of a difficult airway
2:00 p.m. – 2:45 p.m.	**SKILL STATIONS G & H** **G. Integrated Abdominal Sepsis** • Recognize surgical emergencies in patients without surgical illness • Interpret, troubleshoot, and manage abdominal pain in the critically ill patient **H. Integrated Airway Management and Hemorrhagic Shock Scenario** • Discuss the goals of resuscitation in shock • List procedures for the management of hemorrhagic shock • Identify alternate solutions for the management of intubation of a difficult airway
2:45 p.m. – 3:00 p.m.	***BREAK***
3:00 p.m. – 3:45 p.m.	**SKILL STATIONS I & J** **I. ICU Care for the Multi-System Trauma Patient** • Interpret, troubleshoot, and manage elevated intracranial pressure • Discuss chest tube basics and troubleshooting • Diagnose and manage abdominal compartment syndrome • Diagnose and manage compartment syndrome of extremities **J. Integrated Severe Sepsis A Scenario** • Recognize early sepsis • Describe the steps needed to manage and stabilize a septic patient • Identify appropriate fluid management for a septic patient • Order laboratory studies and interpret the results in septic patients • Manage a septic patient with organ dysfunction • Provide initial mechanical ventilation support for a septic patient • Manage hemodynamic instability in a septic patient • Manage basic ventilator support in a septic patient • Manage ventilator support in the setting of acute respiratory distress syndrome (ARDS) • Recognize atrial fibrillation and learn how to manage in a hemodynamically unstable patient

3:45 p.m. – 4:30 p.m.	**SKILL STATIONS I & J** **I. ICU Care for the Multi-System Trauma Patient** • Interpret, troubleshoot, and manage elevated intracranial pressure • Discuss chest tube basics and troubleshooting • Diagnose and manage abdominal compartment syndrome • Diagnose and manage compartment syndrome of extremities **J. Integrated Severe Sepsis A Scenario** • Recognize early sepsis • Describe the steps needed to manage and stabilize a septic patient • Identify appropriate fluid management for a septic patient • Order laboratory studies and interpret the results in septic patients • Manage a septic patient with organ dysfunction • Provide initial mechanical ventilation support for a septic patient • Manage hemodynamic instability in a septic patient • Manage basic ventilator support in a septic patient • Manage ventilator support in the setting of ARDS • Recognize atrial fibrillation and learn how to manage in a hemodynamically unstable patient
4:30 p.m. – 4:45 p.m.	***WRAP UP***