



Fundamental Critical Care Support: Pediatrics Sample Agenda Option C

Modules to Complete Online Before Attending Course	
22 min	“Abusive” Trauma: Diagnosis and Management (optional)
12 min	Acute Infections (optional)
14 min	Acute Kidney Injury (optional)
17 min	Acute Poisoning in Children (optional)
11 min	Invasive Medical Devices (optional)
44 min	Management of the Child with Congenital Heart Disease (optional)
19 min	Mechanical Ventilation (optional)
29 min	Oncologic and Hematologic Emergencies and Complications (optional)
22 min	Pediatric Burn Injury (optional)
19 min	Pediatric Cardiac Arrest (optional)
28 min	Pediatric Emergency Preparedness (optional)
25 min	Transport of the Critically Ill Child (optional)
40 min	Traumatic Injuries in Children (optional)

DAY 1	
7:00 a.m. – 7:15 a.m.	Welcome, Course Announcements FCCS: Pediatrics Overview
7:15 a.m. – 7:45 a.m.	Assessment of the Critically Ill Child <u>Objectives:</u> <ul style="list-style-type: none"> • Understand and use the knowledge of the unique anatomic and physiologic differences between pediatric and adult patients to identify critically ill children • Apply the DIRECT—Detection, Intervention, Reassessment, Effective Communication, and Teamwork—methodology
7:45 a.m. – 8:30 a.m.	Airway Management <u>Objectives:</u> <ul style="list-style-type: none"> • Identify unique anatomic and physiologic variables involved in the management of the pediatric airway • Recognize the signs and symptoms of respiratory failure and indications for intubation
8:30 a.m. – 9:15 a.m.	Skill Station: Mechanical Ventilation <u>Objectives:</u> <ul style="list-style-type: none"> • Describe the indications for initiation of mechanical ventilation • Modify the ventilator prescription in response to patient data • Assemble the equipment necessary for NPPV • Practice techniques of NPPV

9:15 a.m. – 10:00 a.m.	<p style="text-align: center;">Skill Station: Cardiopulmonary Dysfunction</p> <p><u>Objective:</u></p> <ul style="list-style-type: none"> Describe the management of children with cardiopulmonary deficiency, including the initial assessment and importance of rapid detection and intervention
10:00 a.m. – 10:15 a.m.	BREAK
10:15 a.m. – 11:00 a.m.	<p>Diagnosis and Management of Shock</p> <p><u>Objectives:</u></p> <ul style="list-style-type: none"> Define and recognize key shock categories Outline initial management of shock
11:00 a.m. – 11:45 a.m.	<p>Sedation, Analgesia, and Neuromuscular Blockade</p> <p><u>Objectives:</u></p> <ul style="list-style-type: none"> Identify the indications, risk factors, and level of monitoring needed for pediatric patients undergoing procedural sedation Describe the differences among mild, moderate, and deep sedation
11:45 a.m. – 12:45 p.m.	LUNCH
12:45 p.m. – 1:15 p.m.	<p style="text-align: center;">Skill Station: Sedation</p> <p><u>Objectives:</u></p> <ul style="list-style-type: none"> Identify the indications, risk factors, and level of monitoring needed for pediatric patients undergoing procedural sedation Describe the differences among mild, moderate, and deep sedation
1:15 p.m. – 2:00 p.m.	<p style="text-align: center;">Skill Station: Transport</p> <p><u>Objectives:</u></p> <ul style="list-style-type: none"> Use case-based scenario to discuss factors that influence team composition and mode of transport Identify problems or complications that can occur during transport
2:00 p.m. – 2:30 p.m.	<p>Neurologic Emergencies</p> <p><u>Objective:</u> Review the emergent neurologic assessment of the pediatric patient</p>
2:30 p.m. – 2:45 p.m.	BREAK
2:45 p.m. – 3:30 p.m.	<p>Fluids, Electrolytes, and Metabolic Derangements</p> <p><u>Objectives:</u></p> <ul style="list-style-type: none"> Outline the basic concepts of maintenance of intravascular fluid homeostasis Describe intravenous fluid management of the typical pediatric inpatient
3:30 p.m. – 4:15p.m.	<p>Postoperative Management</p> <p><u>Objectives:</u></p> <ul style="list-style-type: none"> Discuss the effect of anesthesia on critically ill children during the postoperative period Recognize and manage common postoperative complications
4:15 p.m. – 4:30 p.m.	WRAP UP DAY 1

DAY 2	
7:30 a.m. – 7:45 a.m.	Welcome and Announcements
7:45 a.m. – 8:30 a.m.	<p>Diagnosis and Management of the Child with Acute Upper and Lower Airway Disease</p> <p><u>Objective:</u> Summarize the diagnosis, pathophysiology, and treatment of children with upper and lower airway disorders</p>
8:30 a.m. – 9:15 a.m.	<p>Skill Station: Trauma (optional)</p> <p><u>Objective:</u> Use case-based scenario to discuss appropriate assessment and management of trauma patients</p>
9:15 a.m. – 10:30 a.m.	<p>Skill Station: Radiology and Invasive Devices</p> <p><u>Objective:</u> Demonstrate the systematic approach to radiologic interpretation</p>
10:30 a.m. – 10:45 a.m.	BREAK
10:45 a.m. – 11:30 a.m.	<p>Skill Station: Advanced Integration Scenario</p> <p><u>Objective:</u> Demonstrate the DIRECT methodology to provide care to a complex patient case using the knowledge and skills obtained during the course</p>
11:30 a.m. – 11:45 a.m.	WRAP UP DAY 2