



Society of
Critical Care Medicine
The Intensive Care Professionals



Pediatric Fundamental Critical Care Support (PFCCS)

First Course on January 30-31, 2016

Second Course on February 2-3, 2016

at Athasit Vejjajiva Room, 5th fl. The Sirikit Medical Center,
Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

Course Description

This two days comprehensive course focuses on how to recognize and manage acute critically ill pediatric patients especially in first 24 hours.

It provides both didactic lecture and hand-on clinical skill (small group rotation and simulation). The course designs for physicians, hospitalists, advanced nurse, transport team and other health care professionals involved in pediatric critical care including pediatric surgery, pediatric emergency, anesthesia, etc.

Course Objectives

- Prioritize assessment needs for the critically ill or injured infant and child.
- Select appropriate diagnostic tests.
- Identify and respond to significant changes in the unstable pediatric patient.
- Recognize and initiate management of acute life-threatening conditions.
- Determine the need for expert consultation and/or patient transfer and prepare for optimal transfer.

Intended Audience

- Hospitalists caring for potentially unstable, critically ill or injured pediatric patients
- Advanced practice nurses and physician assistants with limited pediatric practice
- Rapid response/medical emergency team members
- Critical care fellows beginning their training
- Emergency medicine physicians who do not routinely care for pediatric patients
- Nurses caring for complex and potentially unstable patients
- Pre-hospital providers with lengthy patient transfer times

PFCCS Course Director



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PFCCS Bangkok 2017: Day 1

TIME	COURSE	
7:30 – 8:00 AM	Registration (Distribution of Day 1 Evaluation Form)	
8:00 – 8:15 AM	Pre-Test	
8:15 – 8:30 AM	Course Introduction:	
8:30 – 9:00 AM	Lecture: Assessment of the Critically Ill Child:	
9:00 – 10:00 AM	Lecture: Acute Respiratory Failure and Mechanical Ventilation:	
10:00 – 10:45 AM	Lecture: Pediatric Shock:	
10:45 – 11:00 AM	Break	
11:00 AM – 12:00 PM	Skill Station 1 (60 minutes) Respiratory Failure and Shock: Evaluation and Management. Groups A & B	Skill Station 2 (60 minutes) Ventilation. Groups C & D
12:00 – 1:00 PM	Skill Station 2 (60 minutes) Ventilation. Groups A & B	Skill Station 1 (60 minutes) Respiratory Failure and Shock: Evaluation and Management. Groups C & D
1:00 – 1:30 PM	Lunch	
1:30 – 2:15 PM	Lecture: Trauma and Burns:	
2:15 – 2:45 PM	Lecture: Transport of the Critically Ill Child:	
2:45 – 3:45 PM	Skill Station 3 (60 minutes) Management of Accidental and Non-Accidental Trauma and Poisoning. Groups A & B	Skill Station 4 (60 minutes) Pediatric Transport. Groups C & D
3:45 – 4:00 PM	Break	
4:00 – 5:00 PM	Skill Station 4 (60 minutes) Pediatric Transport. Groups A & B	Skill Station 3 (60 minutes) Management of Accidental and Non-Accidental Trauma and Poisoning. Groups C & D
5:00 – 5:15 PM	Recap of Day 1 Pertinent Concepts and Review of Pre-Test (Collect Day 1 Evaluation Form)	

11:00 AM – 12:00 PM	Skill Station 1 (60 minutes) Respiratory Failure and Shock: Evaluation and Management. Groups A & B	Skill Station 2 (60 minutes) Ventilation. Groups C & D
12:00 – 1:00 PM	Skill Station 2 (60 minutes) Ventilation. Groups A & B	Skill Station 1 (60 minutes) Respiratory Failure and Shock: Evaluation and Management. Groups C & D
2:45 – 3:45 PM	Skill Station 3 (60 minutes) Management of Accidental and Non-Accidental Trauma and Poisoning. Groups A & B	Skill Station 4 (60 minutes) Pediatric Transport. Groups C & D
4:00 – 5:00 PM	Skill Station 4 (60 minutes) Pediatric Transport. Groups A & B	Skill Station 3 (60 minutes) Management of Accidental and Non-Accidental Trauma and Poisoning. Groups C & D

PFCCS Bangkok 2017: Day 2

TIME	COURSE	
8:00 – 8:15	Recap of Points and Concepts from Previous Day (Distribution of Day 2 evaluation form)	
8:15 – 9:15	Lecture: Pediatric Neurologic Emergencies:	
9:15 – 10:00	Lecture: Fluids, Electrolytes, and Metabolic Disturbances:	
10:00 – 10:15	Break	
10:15 – 10:45	Lecture: Acute Infections:	
10:45 – 11:30	Lecture: Sedation, Analgesia, and Neuromuscular Blockade:	
11:30 – 12:15	Lecture: Postoperative Management:	
12:15 – 1:15	Lunch	
1:15 – 2:15	Skill Station 5 (60 minutes) Integration. Groups A & B	Skill Station 6 (60 minutes) Invasive Device. Groups C & D
2:15 – 3:15	Skill Station 6 (60 minutes) Invasive Device. Groups A & B	Skill Station 5 (60 minutes) Integration Group. Groups C & D
3:15 – 3:30	Break	
3:30 – 4:30	Skill Station 7 (60 minutes) Sedation [same station running x 4 concurrently] Groups A in location 1, Group B in location 2, Groups C in location 3, Group D in location 4	
4:30 – 4:45	Recap of Day 2 Pertinent Concepts	
4:45 – 6:00	Post-Test	

Ideal space requirements:

- 1) One room to present the lectures with projection capabilities: Seats for the participants that will allow them to take notes during the lectures and take the test.
- 2) Two rooms for the skill stations: Either a big screen TV (60 inch) or projection capabilities
- 3) One room (Ventilation station): A ventilator with a screen to display the wave forms, oxygen and/or compressed air to run the ventilator. Also, this room can be used for the second day (Invasive devices), but it will require projections capabilities or a big screen TV (60 inch.)