Area-Based Clinical Approach in Pediatric Emergency Course

17-18 October 2026, Sincan Training Hospital, Ankara / Türkiye

Day 1. Red Area

Time	Activity	Learning Objectives/Goals	Instructor
09:00 - 09:20	Opening Remarks, Course Introduction, Pre test	Participants will gain an overview of the course structure, learning expectations, and area-based approach used in pediatric emergency care.	Başar Cander, M.D., Prof.
09:20 - 09:50	Pediatric CPR	Participants will learn the recognition and initial management of pediatric cardiopulmonary arrest using current resuscitation principles.	Emre Gökçen, M.D., Assoc. Prof.
09:50 - 10:20	Trauma Approach	Participants will review the systematic assessment and initial management of pediatric trauma patients.	Fatih Tanriverdi, M.D., Assoc. Prof.
10:20 - 10:50	Question and Answer Session	Key learning points from the morning sessions will be reinforced through interactive discussion.	All instructors
10:50 - 11:00	**Coffee Break**		
11:00 - 11:30	Ultrasound for Paediatric Trauma	Participants will learn the key points of Ultrasound utilisation for paediatric trauma patient	Şeyda Tuba Savrun, M.D.
11:30-11:50	Difficult airway management and foreign body removal by bronchoscopy in paediatric patient	Participants will learn how to use bronchoscopy for Difficult airway management and foreign body removal in paediatric patients	Atakan Savrun, M.D., Assoc.Prof.
11:50-12:10	Approach to dyspnoeic paediatric patient	Participants will learn the key points of the clinical approach to dyspnoeic paediatric patient	Muhammed Beheşti Sarıhan, M.D.
12:10-12:30	Mechanical Ventilation	Core indications, initial ventilator settings, and practical considerations in pediatric emergency ventilation will be reviewed.	Başar Cander, M.D., Prof.
12:30-13:15	**LUNCH BREAK**		
13:15-13:45	Burns	Participants will review initial assessment and emergency management of pediatric burns.	Mehmet Sezer, M.D.
13:45-14:15	Poisonings	This session will review the assessment and early management of common pediatric toxic exposures.	Turgut Dolanbay, M.D., Assoc. Prof.
14:15-14:45	Shock Management	Participants will learn early recognition of pediatric shock and appropriate fluid and vasoactive treatment strategies.	Arif Karagöz, M.D., Assoc. Prof.
14:45-15:00	**Coffee Break**		
15:00-17:00	**Practical Training (Group Rotation)**		
Room 1	CPR	Dr. Mehmet SEZER, Dr. Turgut DOLANBAY	
Room 2	Bronchoscopy	Dr. Fatih TANRIVERDİ, Dr. Atakan SAVRUN, Emre GÖKÇEN	
Room 3	Mechanical Ventilation	Dr. Başar CANDER, Dr. Muhammed Beheşti SARIHAN, Dr. Kubilay SAVAŞ	
Room 4	Ultrasound	Dr. Şeyda Tuba SAVRUN, Dr. Arif KARAGÖZ	

Time	Room 1 (CPR)	Room 2 (Bronchoscopy)	Room 3 (Mechanical Ventilation)	Room 4 (Ultrasound)
Learning Objectives and Goals	Hands-on pediatric CPR practice will reinforce compression quality, ventilation, teamwork, and rhythm-based interventions.	Participants will practice basics of bronchoscopy for difficult airway management in paediatric patients	Participants will practice the mechanical ventilation settings in different scenarios for paediatric patients	Participants will practice the usage of ultrasound for paediatric trauma patients.
15:00 - 15:45	A	B	C	D

15:45 - 16:30	B	C	D	A
16:30 - 16:45	**Coffee Break**			
16:45 - 17:30	C	D	A	B
17:30 - 18:15	D	A	B	C
18:15 - 18:30	Question and Answer Session		All instructors	

Day 2. Yellow and green areas

Time	Activity	Learning Objectives/Goals	Instructor
09:00 - 09:20	Hypoglycemia	Rapid recognition and treatment of pediatric hypoglycemia will be emphasized.	Elif Tuğçe Tunca Küçükali M.D.
09:20 - 09:40	Electrolyte Disorders	Participants will recognize life-threatening electrolyte abnormalities in children and understand emergency treatment priorities.	Burcu Biral Coşkun; M.D.
09:40 - 10:00	Gastroenteritis	Participants will review dehydration assessment, rehydration strategies, and disposition decisions in children with gastroenteritis.	Asiye Elvan Kumkayır, M.D.
10:10 - 10:20	Asthma Exacerbation	Participants will learn severity assessment and emergency treatment strategies for acute pediatric asthma attacks.	Hilal Ünsal, M.D., Assoc. Prof.
10:20-10:40	Anaphylaxis	Participants will review rapid recognition and immediate management of pediatric anaphylaxis.	Ümmügülsüm Dikici, M.D.
10:40 - 11:00	**Coffe Break**		
11:00-11:20	Upper Respiratory Tract Infections	Participants will learn evidence-based emergency evaluation of common upper respiratory complaints in children.	Yaşar Topal, M.D., Assoc. Prof.
11:20-11:40	Pneumonia	This session will focus on evaluation of pediatric pneumonia and emergency treatment planning.	Şule Selin Akyan, M.D.
11:40-12:00	Febrile Child	Participants will learn a structured approach to the febrile child in Emergency Department.	Hatice Topal, M.D., Assoc. Prof.
12:00-13:00	**LUNCH BREAK**		
13:00-13:20	Convulsions	Participants will review the approach and emergency treatment of convulsive child	Dilek Cebeci, M.D.
13:20-13:40	Abused or neglected child	Participants will learn how to be aware and understand the clinical approach to neglected and abused child in Emergency Department.	Habip Almış, M.D., Prof.
13:40-14:00	**Coffee Break**		
14:00-17:00	**Practical Sessions**		
Room 1	Clinical decision-making strategies for paediatric emergencies		Dr. Selin ÇETİN DOĞAN
Room 2	Convulsion		Dr. Dilek CEBECİ
Room 3	Anaphylaxis		Dr. Ümmügülsüm DİKİCİ
Room 4	Fluid Resuscitation		Dr. Burcu BİRAL COŞKUN

Time	Room 1 (Clinical decision-making strategies for paediatric emergencies)	Room 2 (Convulsion)	Room 3 (Anaphylaxis)	Room 4 (Fluid Resuscitation)

Learning Objectives and Goals	Participants will practice clinical decision making tools with different paediatric emergency case-scenarios.	This station will teach practical management and holistic approach to the convulsive child .	This station will teach practical management and holistic approach to the anaphylactic child	This station will teach how to practically manage fluid resuscitation in paediatric patient with different case-scenarios.
14:00-14:45	A	B	C	D
14:45-15:15	B	C	D	A
15:15-15:30	**Coffee Break**			
15:30-16:15	C	D	A	B
16:15-17:00	D	A	B	C
17:00-17:30	**Post-test and Closing Ceremony**			