

Area-Based Clinical Approach in Pediatric Emergency Course				
12 - 13 September 2026, Bezmiâlem Vakif University, İstanbul / Türkiye				
Day 1. RED AREA				
Time	Activity	Learning Objectives/Goals	Instructor	
09:00 - 09:20	Opening Remarks and Course Introduction	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.	Serhat Örün, M.D., Assoc. Prof.	
09:50 - 10:20	Respiratory Failure	Participants will identify signs of pediatric respiratory failure and understand timely emergency interventions.	Behçet Al, M.D., Prof.	
10:20 - 10:50	Mechanical Ventilation	Core indications, initial ventilator settings, and practical considerations in pediatric emergency ventilation will be reviewed.	Başar Cander, M.D., Prof.	
10:50 - 11:00	Question and Answer Session	Key learning points from the morning sessions will be reinforced through interactive discussion.	All instructors	
11:00 - 11:10	Coffee Break			
11:10 - 11:30	Shock Management	Participants will learn early recognition of pediatric shock and appropriate fluid and vasoactive treatment strategies.	Abdullah Yaser Güney, M.D.	
11:30 - 11:50	Seizure Management	This session will focus on the emergency evaluation and treatment of seizures and status epilepticus in children.	Bilgehan Demir, M.D., Assoc. Prof.	
11:50 - 12:10	Trauma Approach	Participants will review the systematic assessment and initial management of pediatric trauma patients.	Bahadır Taşlıdere, M.D., Assoc. Prof.	
12:10 - 12:20	Question and Answer Session			
Interactive review of the red area topics and clinical decision points.			All instructors	
12:20 - 13:30	Lunch Break			
Practical Training (Group Rotation)				
Time	Room 1 (CPR)	Room 2 (Airway)	Room 3 (Fluids and Procedures)	Room 4 (Integrated Simulation)
Learning Objectives and Goals	Hands-on pediatric CPR practice will reinforce compression quality, ventilation, teamwork, and rhythm-based interventions.	Participants will practice pediatric airway management techniques, including bag-mask ventilation and advanced airway basics.	Participants will apply fluid therapy principles and common emergency procedures in simulated pediatric critical care scenarios.	This station will integrate assessment, intervention, and team communication through case-based pediatric emergency simulations.
13:30 - 14:30	A	B	C	D
14:30 - 14:40	Coffee Break			
14:40 - 15:40	B	C	D	A
15:40 - 15:50	Coffee Break			
15:50 - 16:50	C	D	A	B
16:50 - 17:00	Question and Answer Session	All instructors		
Day 2. YELLOW AND GREEN AREAS				
Time	Activity	Learning Objectives/Goals	Instructor	
09:00 - 09:20	Electrolyte Disorders	Participants will recognize life-threatening electrolyte abnormalities in children and understand emergency treatment priorities.	Şeyma Nur Çalışır; M.D.	
09:20 - 09:40	Poisonings	This session will review the assessment and early management of common pediatric toxic exposures.	Ayşe Büşra Özcan, M.D.	

09:40 - 10:00	Asthma Exacerbation	Participants will learn severity assessment and emergency treatment strategies for acute pediatric asthma attacks.	Jülide Gürbüz, M.D.	
10:00 - 10:10	Question and Answer Session	Morning topics will be consolidated through discussion and practical clinical questions.		
10:10 - 10:20	Coffee Break			
10:20 - 10:40	Anaphylaxis	Participants will review rapid recognition and immediate management of pediatric anaphylaxis.	Turgut Dolanbay, M.D., Assoc. Prof.	
10:40 - 11:00	Pneumonia	This session will focus on evaluation of pediatric pneumonia and emergency treatment planning.	Abdussamet Vural, M.D., Assoc. Prof.	
11:00 - 11:20	Gastroenteritis	Participants will review dehydration assessment, rehydration strategies, and disposition decisions in children with gastroenteritis.	Sema Ayten, M.D.	
11:20 - 11:30	Question and Answer Session	Interactive review of yellow area topics and common pitfalls.		
11:30 - 12:30	Lunch Break			
12:30 - 12:50	Febrile Child	Participants will learn a structured approach to the febrile child in the green area setting.	Fatma Çakmak,M.D., Assoc. Prof.	
12:50 - 13:10	Rashes	This session will address common pediatric rashes and red flags requiring urgent evaluation.	Gamze Bozkuş, M.D.	
13:10 - 13:30	Upper Respiratory Tract Infections	Participants will learn evidence-based emergency evaluation of common upper respiratory complaints in children.	Ziya Koçer, M.D.	
13:30 - 13:40	Coffee Break			
13:40 - 14:00	Discharge Criteria	Safe discharge planning, follow-up advice, and warning signs will be discussed.	Bilal Araç, M.D.	
14:00 - 14:20	Burns	Participants will review initial assessment and emergency management of pediatric burns.	Yasemin Pişgin, M.D.	
14:20 - 14:40	Hypoglycemia	Rapid recognition and treatment of pediatric hypoglycemia will be emphasized.	Tarık Ocak, M.D., Prof.	
Practical Training (Group Rotation)				
Time	Room 1 (Trauma)	Room 2 (E-FAST)	Room 3 (Case Discussion)	Room 4 (Integrated Simulation)
Learning Objectives and Goals	Participants will practice pediatric trauma assessment using a systematic emergency approach and prioritization of life-threatening injuries.	This station will teach focused bedside ultrasonography principles and E-FAST application in pediatric emergency settings.	Participants will strengthen clinical reasoning through structured discussion of common yellow and green area pediatric cases.	This station will integrate triage, diagnosis, treatment, and disposition decisions through scenario-based simulation.
14:50 - 15:50	A	B	C	D
15:50 - 16:00	Coffee Break			
16:00 - 16:50	B	C	D	A
16:50 - 17:00	Closing Ceremony	All instructors		