

Station "Emergency care in pediatric practice"
Algorithm: Mock Exam
Attack of dyspnea and cyanosis in a 26-day-old child

Skill tested: provide emergency care

№	Accredited Actions	Possible answer of the examiner
1.	Determine a preliminary diagnosis	
2.	If SpO ₂ <95% falls, ensure oxygen therapy: put on an oxygen mask of the appropriate size on the child's face (check that the mask is correctly positioned and fits tightly on the skin) and say loudly: "The flow of 100% oxygen is 6-8 l/min."	
3.	With a decrease in blood pressure, move the patient's legs to an elevated position: put a pillow under the legs or raise the foot end of the bed	
4.	In case of a tet-spells in a patient with Tetralogy of Fallot, give the correct body position: bring the child's knees to the chest	
5.	To stabilize blood circulation it is necessary to introduce a normal saline solution in a soft bottle and attach to the system for infusion and say: "For a quick injection of a 0.9% sodium chloride solution at a dose of 10 ml/kg I squeeze the bottle "	
6.	In case of a tet-spells in a patient with Tetralogy of Fallot take a syringe with the drug and say loudly: "I inject a solution of 0.25% propranolol iv slowly in a dose of 0.1 mg/kg = 0.14 ml"	
7.	Call the emergency medical center team to hospitalize the child in the intensive care unit. To report: 1. Your position, address 2. Age and gender of the patient 3. Preliminary diagnosis 4. Vital functions (consciousness, respiration, pulse) 5. Amount of assistance provided (monitoring, iv access, treatment) <i>For example:</i> «Ambulance centre, this is the doctor of the admission department of Community hospital (do not call your name on the exam!) Odessa, 6 Radostnaya St., patient boy, 26 days old, preliminary diagnosis - Tetralogy of Fallot, tet spells. Consciousness preserved, BR - 70 ", HR - 190". IV-line is inserted. The patient received oxygen therapy, the correct position of the body was provided, a solution of sodium chloride at a dose of 10 ml/kg, a solution of 0.25% propranolol iv»	"The call is accepted! Expect!"
8.	Assess ABCDE and stabilize the child before the ambulance arrives	
9.	Airways	Free
10	Breathing: 1. BR 2. Respiratory efforts 3. Retraction of the chest 4. Respiratory noises 5. SpO ₂	BR – 50 SpO ₂ - 95%
11	Circulation: 1. Heart rate 2. Central pulse 3. Peripheral pulse 4. Capillary filling 5. The color and temperature of the skin to the touch 6. Blood pressure	Circulation is stable
12	Neurological status: 1. AVPU Scale 2. The presence of seizures	The child responds to the voice, there

	3. Blood glucose level (using a glucometer)	are no seizures and hypoglycemia
13	Exposure: 1. T body 2. Skin rash 3. Trauma, signs of exposures	Body temperature 36.7, clean skin, no other symptoms Urgent condition stabilized
Penalty points can be awarded in case of:		
Unregulated action (up to 4 for each) / attempt to communicate with the examiner, not provided for the task		
Over 4 unregulated actions		
Dangerous action (which will inevitably lead to a worsening of the patient's condition)		
Rough / careless handling or damage when using simulation equipment, inventory		
Other actions that affect the conduct and result of the exam (execution of an act signed by the accredited person, examiner, chairman of the examination committee)		