

Guidelines for Teaching Clinical Skills at the Practical Skills Center
(using the execution algorithm)

Item: "Balalar aurular negizderi"

Specialty: 6B10101 "Zhalpy medicine"

Course: IV

Department: "Pediatrics-2"

Compiled by: assistant Shagiraeva S.K.



Department "Pediatrics-2"

044-68\
Page 1 of 5

Clinical Skills Educator's Guide

Reviewed and approved at the meeting of the department "Pediatrics-2"

Head of the Department, Professor  G.E. Bektenova

Protocol. 5 " 29 " 12 2022

1. Name of the clinical skill: “Blood pressure measurement”.

Simulator mannequin Admer

2. Purpose of learning:

1. Mastering practical skills on the rules and techniques for measuring blood pressure on a mannequin.

Simulator mannequin Admer

2. Development of a technique for measuring blood pressure on a mannequin.

3. Development of advanced clinical skills with regard to application in real clinical situations.

4. The time required for training and demonstration of skills on the mannequin is 10 minutes.

5. The time required for independent development - 15 minutes.

6. Trainer, trainer, mannequin, model list

Simulator Admer

7. List of medical instruments and equipment, phonendoscope

1. phonendoscope

2. alcohol 96%

3. sterile wipes



Department "Pediatrics-2"

Clinical Skills Educator's Guide

8. Skill execution algorithm:

№	Criteria for evaluating each step	Point score			
1.	He introduced himself to the patient. Established the name, surname and name of the father of the patient. Explained to the parents (child) the purpose and course of treatment. Agreed.				
2.	The mother took the child in her arms or the grown child sat on the table. Hands should be relaxed.				
3.	There should be no air in the blood pressure cuff. The cuff is placed on the upper arm 2 cm above the elbow joint.				
4.	It was taken into account that the gap between the cuff and the surface of the shoulder should be 1-1.5 cm (one finger should fit). The phonendoscope was inserted into the projection of the brachial artery in the elbow joint. Close the tonometer valve.				
5.	The air gradually increases to 20 mmHg. until the disappearance of the pulse on the brachial artery.				
6.	He opened the tonometer valve, listened to the appearance of the first beat, and then the last beat of the pulse, which corresponds to the highest and lowest blood pressure.				
7.	The obtained data were recorded in the medical records in the form of parts.				
8.					

Maximum score for the period - 4

The time allotted for the task, 6 min.

9. Task:

Step by step tasks:

1. Indirect auscultatory method for measuring blood pressure (Korotkova)
2. Phases of sound phenomena according to Korotkov
3. The concept of systolic, diastolic, pulse blood pressure.
4. Errors in measuring blood pressure.

10. References:

1. Kursk V.V. Guidelines for emergency conditions in children: okulyk / V.V. Kursk, A.E. Kulagin, M., Medicine 2008,
2. Karabekov A.K., Rizametov I.Kh., Baimakhanova B.B. Practical skills of residency in the specialty Pediatric and methodological recommendations, Shymkent 2014
3. Vertkin A., Sveshnikov K. Management of emergency medical care. Moscow. - Publishing house E. - 2017. - 560 p.
4. Emergency outpatient cardiology: a brief guide / VV Ruksin. - 2nd ed. - Moscow: GEOTAR-Media, 2016.- 255 p.

ОҢТҮСТІК ҚАЗАҚСТАН

MEDISINA

AKADEMIASY

«Оңтүстік Қазақстан медицина академиясы» АҚ



SOUTH KAZAKHSTAN

MEDICAL

ACADEMY

АО «Южно-Казахстанская медицинская академия»

Department "Pediatrics-2"

044-68\
Page 1 of 5

Clinical Skills Educator's Guide

ОҢТҮСТІК ҚАЗАҚСТАН

MEDISINA
AKADEMIASY

«Оңтүстік Қазақстан медицина академиясы» АҚ



SOUTH KAZAKHSTAN

MEDICAL
ACADEMY

АО «Южно-Казахстанская медицинская академия»

Department "Pediatrics-2"

044-68\
Page 1 of 5

Clinical Skills Educator's Guide

ОҢТҮСТІК ҚАЗАҚСТАН

MEDISINA

AKADEMIASY

«Оңтүстік Қазақстан медицина академиясы» АҚ



SOUTH KAZAKHSTAN

MEDICAL

ACADEMY

АО «Южно-Казахстанская медицинская академия»

Department "Pediatrics-2"

044-68\
Page 1 of 5

Clinical Skills Educator's Guide

ОҢТҮСТІК ҚАЗАҚСТАН

MEDISINA
AKADEMIASY

«Оңтүстік Қазақстан медицина академиясы» АҚ



SOUTH KAZAKHSTAN

MEDICAL
ACADEMY

АО «Южно-Казахстанская медицинская академия»

Department "Pediatrics-2"

044-68\
Page 1 of 5

Clinical Skills Educator's Guide