

ОҢТҮСТІК ҚАЗАҚСТАН  
MEDISINA  
АКАДЕМИАСЫ  
«Оңтүстік Қазақстан медицина академиясы» АҚ



SOUTH KAZAKHSTAN  
MEDICAL  
ACADEMY  
АО «Южно-Казахстанская медицинская академия»

Cathedra of Pediatric-2

044-68/

Guidelines for Interns on Teaching Clinical Skills at the Practical Skills Center

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

**Educational programm:** Pediatrics

**Subject:** Children's disease

**Course :** V

**Cathedra :** Pediatrics 2

**Done:** Shagiraeva S.K

Shymkent 2022

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Considered at the meeting of department  
protocol № 5 29 12 2022г.

Head of department, professor  Bektenova G.E.

**1. Name of clinical skill:** Antropometry

**2. Learning Goal:** To improve the knowledge, communication skills and competence of interns in assessing the physical development of the child.

**3. Necessary theoretical knowledge for the acquisition of skills:** 2017 according to the clinical protocol for the diagnosis and treatment of RK.

**4. Trainer Trainer Mannequin Model List:**

1. Mannequin 1 year old, boy 5 years old

**5. List of medical instruments and equipment:**

1. Desired,
2. measuring tape
3. horizontal height gauge,
4. scales
5. diaper

**6. Skill execution algorithm**

**1. Mass measurement**

№	Action algorithm	Done	Not done	warnings
1.	Explain the purpose of the examination to the mother. Place the scale on a flat surface. Preparing the necessary items.			
2.	Make sure the balance head is closed. Wash, dry and wear gloves.			
3.	tray processing			
4.	Laying the diaper on the tray.			
5.	Make sure the scale is at zero.			

6.	Put the child on the scale.			
7.	Record the child's weight.			
8.	Remove the diaper from the scale and clean it with detergent. Take off your gloves wash and dry your hands.			

## 2. Head circumference measurement

№	Action algorithm	Done	Not done	warnings
1.	Wipe the measuring tape on both sides with a cloth soaked in alcohol.			
2.	The child is laid down or sitting.			
3.	A centimeter tape is placed on the child's head in the following direction: a) behind - to the hump; b) in front - to the superciliary bone. (Make sure that the examiner's finger does not get stuck between the child's head and the tape).			
4.	It is necessary to determine the indicators of the circumference of the child's head and record this in the medical history. He must tell his mother the conclusion.			

## 3. Chest circumference measurement

№	Action algorithm	Done	Not done	warnings
1.	The child is laid down or sitting.			

2.	A centimeter tape is placed on the child's chest in the following direction: a) behind - to the lower angle of the scapula; b) in front - above the nipple. (the examiner's finger must not be caught between the tape and the child's body).			
3.	It is necessary to determine the indicators of the circumference of the child's chest and record this in the medical history. He must tell his mother the conclusion.			

#### 4. Height measurement.

№	Action algorithm	Done	Not done	warnings
1.	Place the horizontal height gauge on a flat surface. Preparing the necessary tools. Wash, dry and put on gloves.			
2.	Surface treatment of the stadiometer with deserinite. Laying the diaper (it should not cover the scales).			
3.	We put the child on the height meter with his head on the fixed side.			
4.	Just press on the legs and knees of the child. Rests part of the measuring tape in the foot. Determination of the growth of the child on the scale. Removing the child from the stadiometer.			

5.	The conclusion should be recorded in the medical history. Removing the diaper from the stadiometer. Wipe the surface of the height gauge with detergent. Take off your gloves. Hand wash and dry.			
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## 7. Tasks:

1. Body weight measurement
2. Head circumference measurement
3. Chest circumference measurement
4. Height measurement

## 8. Literature, basic and additional:

**Main:** 1. Б. Х. Хабижанов С. Х. Хамзин «Педиатрия» Алматы 2016г.

2. К.В. Рахимова Б.Н. Девятко «Организация диспансерного наблюдения за детьми в амбулаторно-поликлинических условиях» Алматы 2017г.

Дополнительная:

1. Аскамбаева К.А. Мустафина К.А. Пропедевтика детских болезней, Шымкент, 2015.
2. Мазурин А.В., Воронцов И.М. Пропедевтика детских болезней М - 2017.
3. Алексеев Н.А. Гематология детского возраста С-П 2016.
4. Мазурин А.В.Общая помощь детям М-2015

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