


OŃTŪSTIK QAZAQSTAN MEDISINA AKADEMIASY «OŃTŪSTIK Qazaqstan medicina akademiasy» AQ	 SKMA -1979-	SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
DEPARTMENT OF «Introduction to the clinic»	044-75-11	
Methodological guidelines for the acquisition of clinical skills in the TDO (using the execution algorithm)		

Methodological manual for the teacher on teaching clinical skills at the Center for practical skills (using the algorithm of execution)

Rules and techniques for measuring the patient's breathing




Specialty: GM

Course: 2

Department: "Introduction to the clinic"

The compiler: Orynbasar S


ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ	 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
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 Protocol No. 5 25.11.2022

Head of the Department



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1.Acquiring a clinical skill: FREQUENCY OF RESPIRATORY MOVEMENTS measurement technique

2.The purpose of the training: Mastering the technique of measuring FREQUENCY OF RESPIRATORY MOVEMENTS using the necessary substances.

3.Time required for preliminary instruction and demonstration of the skill on a dummy: 5 minutes.

4.Time required to master the skill on your own: 10 minutes

5. Learning objectives:

The student should know.

- * Ability to correctly count the patient's breathing
- * Know the organization of first aid for respiratory disorders
- * It is necessary to know the procedure for the use of drugs
- * It is necessary to know artificial respiration

The student must be able to.

Correct determination of the patient's breathing, organization of first aid for pathological conditions

6. Trainer: Torso

Theoretical knowledge necessary for mastering clinical skills:

- 1 To be able to correctly identify normal and pathological changes of the TAS.
- 2 Ability to communicate with patients.
- 3 Proficiency in general deontological theories.
- 4 Mastery of sterilization measures.

7.List of medical devices and equipment: Torso, patient.

8.Execution algorithm:

№	Step-by-step actions	Estimates are fulfilled	
		yes	no
1.	Give the patient a comfortable position, sit or lay him down.		
2.	Put your hand on the patient's radial artery, as for counting the pulse (to distract the patient's attention)		
3	Count the number of movements of the chest or epigastric region in 1 minute (inhalation and exhalation are counted as 1 respiratory movement)		
4.	Enter the received digital data into the observation sheet		


Test

1. Violation of the frequency, depth and rhythm of breathing:

- A. shortness of breath;+
- B. fever;
- C. tachycardia;
- D. arrhythmia.

2. The frequency of respiratory movements in an adult varies up to ... in one minute:

- A. 20; +
- B. 35;
- C. 50;
- D.65.

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3. The number of breaths per minute correlates with the heart rate as:

- A. 1:2;
- B. 1:3;
- C. 1:4; +
- D. 1:5.

4. On which artery should the pulse be measured first? ray;

- A. sleepy;
- B. femoral;
- C. temporal.
- D. Radiant+

5. Choose the correct statement:

- A. the pulse rate of newborns cannot be more than 100 beats per minute;
- B. women have a lower pulse rate than men; in
- C. during sleep, the pulse becomes less frequent; +
- D. when afraid, the pulse slows down

9. Criteria for evaluating the performance of the skill.

Completed : The student completed a 10-step clinical skill. Completed the entire skill from greeting to full FREQUENCY OF RESPIRATORY MOVEMENTS measurement. There was contact with the patient. When the condition improved, they were sent for further examination and treatment, and otherwise, that is, when the condition worsened, an ambulance was called.

Completed by half: the student completed a clinical skill out of 10 6. He said hello, but did not complete the entire manipulation. There was no feedback from the patient. Said goodbye.

Failed: The student failed to complete the 10-step clinical skill. I didn't perform the whole manipulation. There was no feedback from the patient. Didn't say goodbye.

10. Literature:

Main references

1) A list of templates (samples) of SOPs for PHC (rules, instructions, procedures, algorithms) of the Accreditation Center (as of 06.06.2013) with additions by participants of the workshop on 27.05.2013.

2) CINAHL Nursing EBSCO Publishing, (Ipswich, Massachusetts), 2018 Dec 28.:

3) <http://web.ebscohost.com/nup/detali/detali?vid=4&sid=b85faf7c-a1be-4631-85a-c2004b2046ee%40pdc->

[vssssmgr01&bdata=JnNpdGU9bnVwLWxpdmUmc2NvcGU9c210ZQ%3d#AN=T703863&db=nup](http://web.ebscohost.com/nup/detali/detali?vid=4&sid=b85faf7c-a1be-4631-85a-c2004b2046ee%40pdc-vssssmgr01&bdata=JnNpdGU9bnVwLWxpdmUmc2NvcGU9c210ZQ%3d#AN=T703863&db=nup)

4) Methodological recommendations "Standardization of clinical and non-clinical production processes in medical organizations, their implementation and monitoring", RSE at PCV "RCRZ" of the Ministry of Health of the Republic of Kazakhstan, 2017