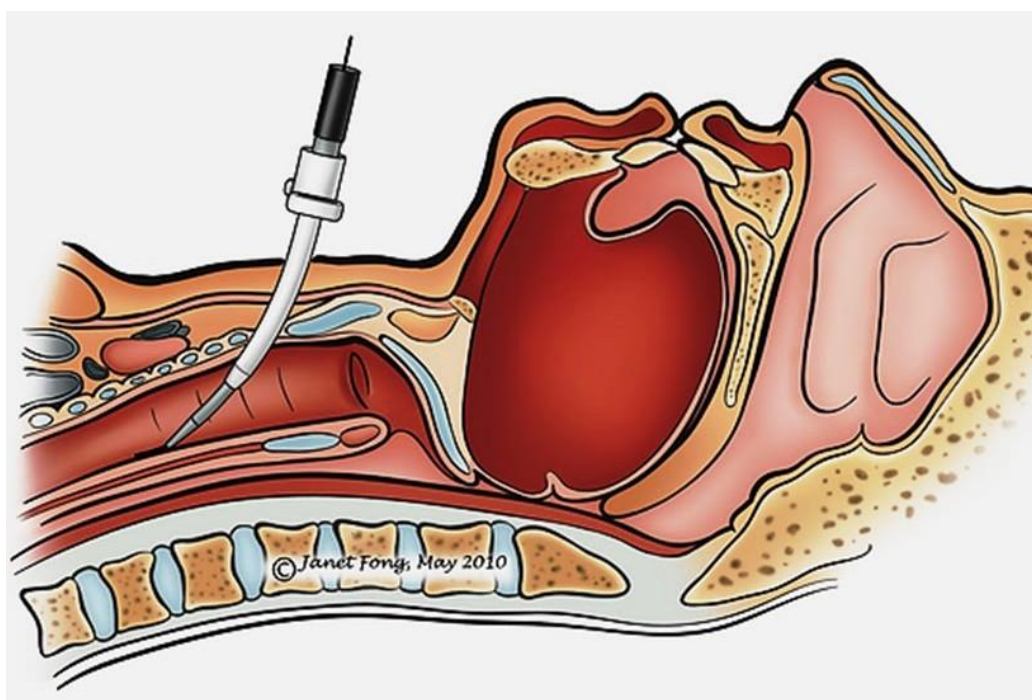


## Methodological recommendation for students on teaching clinical skills at the practical skills Center

(using the execution algorithm)

**Specialty:** 6B10101 «General medicine»  
**Discipline:** «Emergency medical care 1, 2»  
**Course:** 5  
**Department:** «Emergency medical care and nursing»  
**Compiled by:** Yunusmetov E.Sh.





**1. Name of the clinical skill:** Conicotomy.

**2. Learning objectives:** Strengthening the skills of providing emergency medical care in acute respiratory failure.

**3. Required theoretical knowledge of the skill:**

- harbingers of attacks of bronchial and cardiac asthma, distinguishing features;
- true and false perigosas causes and symptoms;
- technique postanovkiandsuhovoand;
- technique of cryoconite;
- the use of a nebulizer device to stop asthma attacks;
- the technique of performing the Heimlich method depending on the age and physique of the patient;
- medicines used for acute respiratory failure and methods of their application to the patient

**Required clinical skills:**

- study of methods of removing a foreign body in the respiratory tract;
- learning the technique of conicotomy;
- study of tactics in connection with a sharp change in the clinical situation.

**4. Simulator, simulator, mannequin, list of models:** simulator for practicing the skills of tand cricocentesisa, cricothyrotomy and tracheostomy.

**5. List of medical instruments and equipment:** medical gloves, 70% alcohol solution, 0.25% novocaine solution 5 ml, syringe, dilator Trussot, tracheostomy cannula, conicotomy needle, scalpel, scissors, tweezers, bandages (medium), medical cotton wool, bag for used substances.


**6. The execution of skill:**

№	Step-by-step actions	Execution		
		Yes	No	Remark
1	<b>Prepare the necessary tools:</b> disposable gloves; 70% alcohol solution; trussaud's dilator; tracheostomy cannula (conicotomy tube); scalpel; nozhnitsy; plastic bag for waste material; bandages (medium); medical cotton wool; band-aid; phonendoscope.			
2	<b>Nadiath sterile gloves:</b> <ul style="list-style-type: none"> <li>• to take the gloves in a sterile package, open the package;</li> <li>• take the glove for the right hand for the lapel so that the fingers do not touch the inner surface of the glove</li> <li>• to close the fingers of the right hand and enter them into a glove;</li> <li>• to put on the glove without interfering with its lapel Razumkov fingers of the right hand;</li> <li>• take the glove for the left hand second, third and fourth fingers of the right hand (in a glove) for a top so that fingers do not touch the internal surface of the glove;</li> </ul>			

	<ul style="list-style-type: none"> <li>• to wrap my fingers LeoOh hand and enter them in the glove.</li> </ul>			
3	<p><b>Prepare the patient for manipulation.</b>          Treat the front surface of the neck.          Place the patient in a horizontal position, place a roller under the shoulder blades, and tilt your head back as far as possible.          Обработать Treat the front surface of the neck with a 70% alcohol solution.</p>			
4	<p><b>Palpated the conic ligament.</b>          With a scalpel, he made an incision in the skin and subcutaneous adipose tissue.          Пропальпир Palpate between the thyroid and cricoid cartilages a conical ligament-a membrane over which it will be necessary to make an incision of the skin. The next protrusion is ring-shaped cartilage, which has the shape of a wedding ring.          With the fingers of one hand, grasp the scalpel two centimeters above the tip to prevent perforation of the posterior wall of the trachea and make a longitudinal incision (1 cm) of the skin and subcutaneous.</p>			
5	<p>Palpated the depression between the thyroid and cricoid cartilages, closed with a conical ligament, and dissected it. He spread the edges of the wound.          Palpate the hollow between the thyroid and cricoid cartilages, closed with a conical ligament, and dissect it with the tip of a scalpel.</p>			
6	Insert a tracheostomy cannula.			
7	Evaluate the position of the cannula. The correct manipulation is indicated by the stable position of the cannula.			
8	<p><b>Assesses the adequacy of lung ventilation.</b>          The correct manipulation is indicated by the whistling entry and exit of air through the cannula during respiratory movements, on the dummy – a feeling of "failure".</p>			
9	Fix the cannula.			
10	Cover you with a sterile dressing.			

### 7. Tasks:

- Determine the location of the conicotomy.
- Perform a conicotomy.

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Department of Emergency Medicine and Nursing	044-57/19 ( )
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## 8. References:

### Basic literature:

1. The state program of healthcare development of the Republic of Kazakhstan "Health" on 2021-2024 years
2. Order of the Ministry of health of the Republic of Kazakhstan dated July 3, 2017 No. 450 "on approval Of the rules for emergency medical care in the Republic of Kazakhstan".
3. Vertkin A., Sveshnikov K. Guidelines for emergency medical care. Moscow. – E. publishing house – 2017. - 560 p.
4. Emergency care in a therapeutic clinic. Under the editorship of A. V. Gordienko. - Speclit. - 2017. - 229 p.
5. Urgent outpatient and polyclinic cardiology: a brief guide / V. V. Ruksin. - 2nd ed. - Moscow: GEOTAR-Media, 2016. - 255 p
6. Emergency medical care. Clinical recommendations. Under the editorship of S. F. Bagnenko. - GEOTAR-Media. - 2018. - 896 p.

### Additional literature:

1. Clinical Protocol of diagnosis and treatment "Asphyxia". Approved by the joint Commission on the quality of medical services of the Ministry of health of the Republic of Kazakhstan dated June 23, 2016. Protocol No. 5.
2. Emergency medical care. Clinical recommendations / ed. by S. F. Bagnenko, Moscow: [B. I.], 2015. -871 p.
3. Emergency care for children: Handbook: translated from German. / - M. : Medpress-inform, 2014.