

Department of Anesthesiology and Intensive Care

Discipline "Anesthesiology and intensive care " , V course

**Station 4 .** Providing medical assistance to a victim at a clinical death

**Name of the skill:** Carrying out of electric impulse defibrillation at the hospital stage

**Competencies that are rated:**

- Diagnosis of the type of blood flow stop according to ECG data;
- preparation of defibrillator electrodes;
- places of application of defibrillator electrodes to the victim's body;
- safety equipment during defibrillation;
- the choice of the value of the defibrillator charge;
- Electro-pulse discharge.

**Material and technical support of the station:** operating table, dummy, defibrillator, electrode paste (sodium chloride), an electrocardiogram with a variety of registered blood types, a legend-task, a check-list.

**Practical skills :** Student is familiar with the terms of the task. Evaluates the type of blood circulation disturbance according to ECG data . Prepare defibrillator for work, apply electrodes on the chest, perform a charge, and then discharge the defibrillator, adhering to safety rules.

Ternopil State Medical University  
I.Ya.Gorbachevsky Ministry of Health of Ukraine »

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**The name of the skill**

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**Information for the student.**

You are on duty with your doctor in the reception room. The patient is taken from an accident place by passing transport. When translated into an operating table, he had a blood circulation stop. Currently, an anesthesiologist is busy with artificial ventilation of the lungs, the doctor of the reception office conducts an indirect heart massage. A nurse took an ECG. There are no other doctors nearby.

**Task:** to determine the type of blood flow stop, according to the indications to conduct electropulse defibrillation.

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On the table, face up, there is a dummy.

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**Algorithm of the student's actions in this clinical situation:**

1. Determine the type of blood circulation disorders by ECG data;
2. To establish the indications for conduction of electric impulse defibrillation;
3. Prepare defibrillator electrodes for work;
4. Determine the points of application of electrodes on the dummy;
5. Follow the safety rules to charge and discharge the defibrillator.

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