



UMF Protocol

Aims

Adapted basic care in a patient with acute coronary syndrome.

Initial medical evaluation

Intense pain in the left hemithorax, in the sternum area, with irradiation in the upper left to finger level, especially in the little finger. At the same time as the pain, the patient experienced nausea, dizziness and difficulty breathing.

Secondary medical evaluation

Patient in a state of agitation, cooperating

- Afebrile
- Sweating, anxiety
- present pain, with the characteristics described, accentuated
- Slight dyspnoea, whose intensity increases
- Nausea, vomiting

Treatment

- ABCDE assessment of the patient
- Support / standard monitoring
- Oxygen therapy
- Venous way
- 12 lead ECG, posterior leads and straight leads
- Cardiological examination in emergency
- Sampling for analyzes
- Administer the first medication:

Aspirin 300 mg oral, chewable / aspirin 300 mg iv

1. Ticagrelor 180 mg po

2. Heparin bolus 5000 IU iv
3. Morphine doses of 2-3 mg iv until the pain is relieved
4. Midazolam 1-2 mg iv to reduce anxiety
5. Lactated Ringer Solute by slow perfusion

Establish the treatment plan for the next 24 hours

Repeat ABCDE

- Cardiologist decides on percutaneous emergency coronary intervention (PCI - emergency)
- Prepare the patient to take him to the angiography room
- Provide oxygen therapy, simple facial mask with a flow of 6-8 l / min
- Ensure the maintenance of venous routes
- Provide standard tracking during transport
- Administer antiemetic medication before transporting the patient
- Prepare the necessary equipment for the transport of the patient:
 - Standard tracking
 - First aid kit, which includes the necessary equipment to ensure the emergency airway as well as the necessary medication for cardiopulmonary resuscitation
 - Defibrillator with gel, palettes and patches
 - Oxygen bottle

Remarks

Take into account the differential diagnoses:

- Dissection of the aorta, pulmonary thromboembolism, pneumothorax
- Complementary analyses: Echocardiography, Emergency chest X-ray

Expert references and recommendations

ERC - European resuscitation council guidelines for resuscitation 2015. Section 8. Initial Management of Acute Coronary Syndromes

ESC - European society of cardiology - Guidelines: Acute Myocardial Infarction in patients presenting with ST- segment elevation - 2017 guidelines

SFAR - Société Française d'Anesthésie et de Réanimation

ERC European resuscitation council guidelines for resuscitation 2015. Section 3. Adult Advanced life support.