

Task 1

You are a doctor of the admission department. You were taken by a climber of 27, who, after climbing to the top of the mountain, suddenly felt dizzy, headaches, pain behind the sternum in the heart area without clear irradiation, severe tachycardia. The patient did not express similar symptoms to this; he is not included in the follow-up observation. Please, within the next 5 minutes, name the arising typical pathological process, list all types of classifications of this condition. Name how SpO₂ and SpCO₂ will change in the patient's blood, what are the main links in the pathogenesis of a pathological condition, and list the main compensatory mechanisms of the body in this case.