1. The patient was hospitalized in the neurosurgical department due to a closed craniocerebral trauma, a fracture of the temporal bone on the right. After 5 hours, his condition deteriorated sharply, he developed respiratory distress, periodic tonic convulsions, and anisocoria (dilation of the right pupil). What complication can be assumed in the patient?

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2. A man has been suffering from lumbosacral radiculitis for about 10 years. The last exacerbation occurred about 5 months ago. Pain on the outer surface of the thigh, shin, through the back of the foot to the big toe. During the examination, the following were found: paresis of the calf muscle, weakness of the dorsiflexion of the big toe. Reflexes are preserved. What is the probable diagnosis?

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3. A 40-year-old man. He was brought from the scene of the accident in a stunned state. Objectively established: there are no active movements in the left limbs, depressed tendon reflexes on both sides S>D, muscle tone is reduced. Babinski's symptom on the left. Urinary retention, bradycardia, alternating with tachycardia. The cerebrospinal fluid is transparent, colorless, pressure - 300 mm Hg. CT shows a focus of increased density of a rounded shape in the right parietotemporal region, total volume - 60 cm3. What is the probable diagnosis?

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4. A 19-year-old patient hit his head on the bottom while diving. He complains of neck pain, limited and painful head movements. On examination: his head is tilted forward and to the right, supported by his hands. Palpation reveals tension in the neck muscles, and the spinous process of the IV cervical vertebra is prominent. When pressing on it and the head (loading along the axis) - pain intensifies. What is the preliminary diagnosis?

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5. A 75-year-old patient is undergoing conservative treatment in the vascular neurology department for TIA. According to the latest color duplex scan data, the patient has stenosis of the left internal carotid artery with a homogeneous atherosclerotic plaque of more than 70%. The vascular surgeon recommended that the patient undergo surgery. What kind of surgery is this?

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