

Variant 8

Task 1. What biochemical parameters will you check in this patient?:



Anamnesis morbi: Patient I., 19 years old, was taken to the emergency department of the hospital in serious condition. On examination, the patient is thin, there is loose of consciousness to the level of stupor, he reacts to the examination, answers in monosyllables, and smells of acetone from the patient's mouth. According to relatives, the patient has clearly lost weight over the past two weeks, they deny taking drugs and medications, and was discharged from the hospital about 3 weeks ago after a severe acute respiratory viral infection.

Task 2. Answer the questions:



1. Write what symptoms you see in the photo
2. Make a presumptive diagnosis
3. What biochemical parameters will you check?
4. How to treat this disease?
5. What complications of this disease can be?

Task 3. Check the biochemical analysis of the patient and answer the questions:

Creatinine 877 $\mu\text{mol/l}$ (N 58-96)

Urea 40 mmol/l (N 1,7-8,3)

Glucose 12 mmol/l (N 3,3-5,5)

Ketone bodies 1,5 mmol/l (N 0-0,5)

1. Describe what changes have occurred according to the readings of the biochemical analyzer and write what this change may be associated with.
2. Make a presumptive diagnosis
3. Assign additional diagnostics to confirm the diagnosis, if required.