Make a diagnosis by algorithm of probability diagnostics method

Open file with initial data: ENG\Theme 8\initial_data_t_8.ods, tab «probabilities»

1. The patient complains of abdominal pain. Objectively: body temperature is 35,5°C, hyporeflexes, the pleural friction rub is auscultated.

2. The patient complains of abdominal pain, weakness and giddiness. Objectively: the dermal integuments - pale, heart borders are dilated.

3. The patient complains of chest pain and arrhythmia. Objectively: the blood pressure is 90/65, the pleural friction rub is auscultated.

4. The patient complains of body temperature elevating up to 37,4°C. Objectively: body temperature is 35,6°C, the blood pressure is 90/60. There are definite changes on the ECG waves.

5. The patient complains of abdominal pain. Physical examination revealed: body temperature 35,4°C, an abdominal wall tension is detected on palpation, heart borders are dilated.

6. The patient complains of fever and increased blood pressure. Objectively: body temperature is 37,8°C, the blood pressure is 100/65, elevated total white blood cell count.

7. The patient complains of chest pain, weakness and giddiness. Objectively: body temperature is 38,2°C, the blood pressure is 105/65.

8. The patient complains of abdominal pain. On physical examination: the abdominal wall tension is tapped, body temperature is 39,5°C. There are definite changes on the ECG waves.

9. The patient complains of elevated body temperature and increased blood pressure. Objectively: body temperature is 37,7°C, the blood pressure is 150/90, heart borders are dilated, pleural murmur is auscultated.

10. The patient has pale skin, hyporeflexes, anterior abdominal wall tension, heart borders are dilated.

Constract logical statements to find patients with criteria and calculate total of matching records:

Open file with initial data: ENG\Theme 8\initial_data_t_8.ods, tab «patients»

Use logical functions to seach

1. patients with Hepatitis

2. patients with age < 25 years old

3. patients with Hepatitis and age < 25 years old

4. male patients with ulcerative disease

5. female patients 18- 25 years old

6. male patients with Pleurisy or Colitis

7. male patients with ulcerative disease, 21-25 years old

8. female patients with Gastritis or Colitis or Hepatitis, 21-39 years old

9. patients with Gastritis or ulcerative disease, age – 20-40, weight <55, >80;

10   patients with Pleurisy or Hypertonic, female, age – 40-50, weight <=65, height <=170