

**For 5 year students. Subject 'Internal Medicine'**

**Station 3.** Evaluation of laboratory and instrumental methods of patients with internal disease. Management of the patient

**Practical skill 1.** Interpretation of results of laboratory and instrumental methods of investigation of patient with joint disease

**Student actions algorithm in this case:**

1. Student become familiar with the task
2. Student gives Complete blood count №1 interpretations
3. Student gives Acute phase reactants №1 interpretations
4. Student gives Immunological tests №1 interpretations
5. Student gives joints X-ray №1 interpretations
6. Student gives answers in to the answer sheet
7. After the bell rings the student gives answer sheet to examiner and move to the another station.

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**Station 3.** Evaluation of laboratory and instrumental methods of patient with internal disease. Management of the patient

**Practical skill 1.** Interpretation of results of laboratory and instrumental methods of investigation of patient with joints disease

Student exam form № \_\_\_\_\_

1. Note the findings of complete blood count ...
  - A. leucocytosis
  - B. absence of pathological changes
  - C. ESR elevation
  - D. lymphopenia
2. What is the cause of complete blood count changes:
  - A. Autoimmune disease symptom
  - B. Blood Inflammatory markers
  - C. Symptom of joints disease
  - D. Systemic connective tissue disease symptom
3. Note the findings of acute phase reactants
  - A. No change
  - B. ESR elevation
4. What is the cause of acute phase reactants changes
  - A. Autoimmune disease symptom
  - B. Symptom of joints disease
  - C. Systemic connective tissue disease symptom
  - D. Blood Inflammatory markers
5. Give your interpretation of the immunological tests:

- A. No change
  - B. Increase of indicators more than in two times
  - C. Decrease of indicators
  - D. Increase of indicators more than in three times
6. Give the interpretation of the immunological tests changes according to clinical case
- A. Symptom of Autoimmune disease
  - B. Seropositive signification
  - C. Systemic connective tissue disease symptom
  - D. Seronegative signification
7. Mark joints X-ray changes of patient?
- A. No change
  - B. Symmetrical joint space narrowing, marginal erosions and subluxations
  - C. Asymmetrical joint space narrowing, osteophytes
  - D. Joint space narrowing, intraosseous lesion, punched-out erosions
8. Choose one of the following statement which is appropriate for patient objective status according to laboratory and instrumental methods of investigation:
- A. Osteoarthritis
  - B. Gout
  - C. Rheumatoid arthritis
  - D. Ankylosing spondylitis
9. Choose the most appropriate pathogenetic drug according to modern guidelines
- A. Allopurinol
  - B. Diclofenac
  - C. Prednisolone
  - D. Methotrexate



