

APPROVED

at the Meeting of the Department of Internal Diseases,
Cardiology and Rheumatology with a course of advanced
training and retraining
Protocol #1 of 28.08.2025

Head of the Department



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Credit questions

in **Clinical Rheumatology** for the **6th** year students of the Medical Faculty for
International Students at the Department of Internal Diseases, Cardiology and
Rheumatology with a course of advanced training and retraining
in **2025/2026** academic year

1. What is the modern nomenclature of rheumatic diseases?
2. What are the methods of objectifying the pathology of the joints and spine?
3. What changes can be detected when examining the joints and adjacent tissue?
4. Describe the methodology and assessment of the severity of pain in the joint using the articular index.
5. What symptoms can represent an increased amount of fluid in the joint cavity?
6. Describe the procedure for measuring the volume of movements in the joint.
7. Describe the methodology of special spine tests.
8. Describe the procedure and evaluation of special tests for sacroiliac joints.
9. What is an arthrogram?
10. Describe the methodology for assessing pain with VAS.
11. Name the main parameters of the immunological examination of the blood and determine the indications for each test.
12. Give interpretation of different variants of ANA-typing.
13. What are the indications and contraindications for diagnostic puncture of a joint? Determine the spectrum of studies of synovial fluid and indications for each study.
14. Describe the radiographic signs of the main rheumatic diseases. Describe the algorithm for reading the radiograms of joints and spine.
15. What are the indications for CT and magnetic resonance scans of the joints?
16. Describe the value and indications for scintigraphy of bones and joints.
17. Determine the indications for use and the diagnostic value of arthroscopy.
18. Describe the situations in which the ultrasound examination of the joints may be significant.
19. What are the indications for biopsy of the synovial membrane of the joints?
20. What is the clinical classification of NSAIDs, on what principles is it based?
21. Name the dosage forms of NSAIDs. What are the advantages and disadvantages of each of these forms?
22. Determine the tactics of treating NSAIDs.
23. What are the side effects of NSAID treatment? What are the ways to overcome them?
24. Describe the indications, contraindications, principles of conducting pulse therapy with corticosteroid hormones.
25. What are the main side effects of corticosteroids?

26. List the main groups of genetically engineered biological products currently used in rheumatology, indications for their use.
27. What are the main ways of non-drug treatment in rheumatology?
28. What are the indications and the main types of surgical treatment of rheumatic diseases?
29. Describe the forms of spondyloarthritis.
30. What are the classification criteria of spondyloarthritis?
31. List the extra-articular manifestations in spondyloarthritis.
32. What are the main principles of treatment of spondyloarthritis?
33. What are the causes of primary and secondary gout?
34. List the classification criteria for gout.
35. What are the main directions for the treatment of acute gouty arthritis and chronic gout?
36. List the main forms of infectious arthritis, specify the etiology of each form.
37. Provide treatment of the major forms of infectious arthritis.
38. What are the causes of secondary osteoarthritis, clinical manifestations and diagnosis of secondary osteoarthritis?
39. Plan of examination of a patient with osteoarthritis.
40. What is the treatment strategy for osteoarthritis?
41. What is the value of arthroscopy in diagnosis of tumor synovitis?
42. What are the main variants of the pathology of periarticular tissues and their diagnostic criteria?
43. Describe the most common rheumatologic paraneoplastic syndromes.
44. Describe the variants of debut of rheumatoid arthritis.
45. List the systemic manifestations that occur in patients with rheumatoid arthritis.
46. What are the classification criteria for rheumatoid arthritis?
47. What are the criteria for remission of rheumatoid arthritis?
48. What are the main ways and tactics of treatment of patients with rheumatoid arthritis?
49. List and characterize the classification criteria for systemic lupus erythematosus.
50. Name the immunological parameters that are relevant for the diagnosis of systemic lupus erythematosus.
51. What are the main clinical manifestations in patients with systemic sclerosis?
52. Differential diagnosis of Raynaud's syndrome.
53. Diagnosis of idiopathic inflammatory myopathies.
54. What are the criteria for diagnosing of a mixed connective tissue disease?
55. What are the clinical and laboratory criteria for diagnosis of antiphospholipid syndrome?
56. List the main options and tactics of treatment for connective tissue diseases (rheumatoid arthritis, systemic lupus erythematosus, systemic sclerosis, idiopathic inflammatory myopathies, primary Sjogren's syndrome, mixed connective tissue disease) and antiphospholipid syndrome.
57. What is "osteoporosis"?
58. What is bone remodeling and what are its characteristics in different age periods?
59. What are the modifiable risk factors for osteoporosis?
60. What are the unmodified risk factors for osteoporosis?
61. What is the classification of osteoporosis?
62. What is densitometry? How to interpret the results of densitometry?
63. What are the disadvantages of the x-ray method in the diagnosis of osteoporosis?
64. What is the mechanism of action of bisphosphonates?

65. What are the main areas of prevention of osteoporosis?
66. With what diseases of bones is it necessary to differentiate osteoporosis?
67. Which systemic vasculitis most often develops in males?
68. Classification criteria for which diseases comprise indication of age?
69. List the skin manifestations of systemic vasculitis.
70. What are the variants of kidney damage in systemic vasculitis?
71. Which systemic vasculitis is accompanied by lesion of lungs?
72. List the main hematological syndromes of systemic vasculitis.
73. What pathomorphological data are of diagnostic value in systemic vasculitis?
74. Make a plan for examining a patient who is suspected of systemic vasculitis.