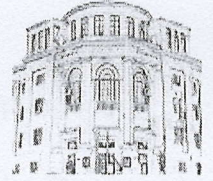




«ԵՐԵՎԱՆԻ ՄԽԻԹԱՐ ՀԵՐԱՑՈՒ ԱՆՎԱՆ  
ՊԵՏԱԿԱՆ ԲԺՇԿԱԿԱՆ ՀԱՄԱԼՍԱՐԱՆ» ՀԻՄՆԱԴԴԱՍ  
"YEREVAN STATE MEDICAL UNIVERSITY  
AFTER MKHITAR HERAZI" FOUNDATION

Ներքին հիվանդությունների (պուլմոնոլոգիա և նեֆրոլոգիա) ամբիոն  
Department of Internal Diseases (Pulmonology and Nephrology)



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## Graduating State Examination

### Internal Diseases

2023-2024

Disorders of the Respiratory system, Renal diseases.

1. Pneumonia. Definition. Etiology. Pathology. Clinical features. Clinical diagnosis and etiologic diagnosis of pneumonia.
2. Pneumonia. Classification. Pathogenesis. Microbial causes of community-acquired pneumonia.
3. Treatment of community-acquired pneumonia. Choice of antibiotic.
4. Lobar pneumonia. Definition. Pathology. Etiology. Clinical manifestations. Diagnosis.
5. Atypical pneumonia. Pneumonia caused by Legionella. History. Diagnosis. Treatment.
6. Pneumonia caused by Chlamydomphila pneumoniae, Mycoplasma pneumoniae. History. Clinical manifestations. Diagnosis. Treatment.
7. Pneumonia caused by Staphylococcus aureus. Pneumonia caused by Klebsiella. History. Clinical features. Diagnosis. Treatment.
8. COPD. Definition. Risk factors. Pathology. Pathogenesis. Clinical presentation. Physical findings. Diagnosis. Lung function tests.
9. Chronic bronchitis. Definition. Clinical manifestations. Diagnosis. Lung function tests. Treatment.
10. Pulmonary emphysema. Definition. Etiology. Pathogenesis. Clinical manifestations. Diagnosis. Lung function tests. Treatment.
11. Bronchiectasis. Definition. Etiology. Pathogenesis. Classification. Clinical manifestations. Diagnosis. Complications. Treatment.
12. Asthma. Definition. Etiology. Risk factors and triggers. Airway hyperresponsiveness. Pathogenesis. Clinical features. Diagnosis. Lung function tests. Treatment. Management of chronic asthma. Stepwise therapy.
13. Status asthmaticus. Clinical features. Diagnosis. Treatment.
14. Interstitial pulmonary diseases. Classification. Idiopathic pulmonary fibrosis. Etiology. Clinical manifestations. Diagnosis. Lung function tests. Treatment.

15. Sarcoidosis. Etiology. Pathogenesis. Classification. Pulmonary and extrapulmonary manifestations. Diagnosis. Treatment.
16. Disorders of the pleura. Transudative pleural effusion. Exudative pleural effusion. Etiology. Clinical features. Diagnosis. Treatment.
17. Acute Cor pulmonale. Pulmonary embolism. Etiology. Clinical syndromes. Diagnosis. Treatment.
18. Pulmonary embolism. Etiology. Pathogenesis. Clinical manifestations. Diagnosis. Treatment.
19. Chronic Cor pulmonale. Etiology. Pathogenesis. Clinical features. Diagnosis. Treatment.
20. Acute respiratory distress syndrome. Causes. Clinical course: phases. Pathogenesis. Clinical manifestations. Diagnosis. Treatment.

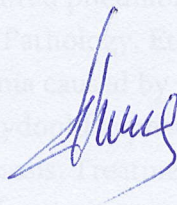
1. Acute kidney injury (AKI). Major causes. Clinical features. Prerenal azotemia. Intrinsic AKI. Sepsis-associated. Ischemia-associated AKI. Postoperative AKI. Nephrotoxin-associated AKI. Postrenal AKI. Renal failure indices.
2. AKI. Diagnostic evaluation. History and physical examination. Biomarkers of AKI. Biochemistry. Complications. Treatment.
3. Prerenal AKI. Etiology. Pathogenesis. Diagnosis.
4. Intrinsic AKI. Etiology. Pathogenesis.
5. Postrenal AKI. Etiology. Pathogenesis. Clinical features. Treatment.
6. Chronic kidney disease (CKD). Definition. Classification. Pathophysiology. Risk factors. Etiology. Clinical and laboratory manifestations of CKD and uremia. Diagnosis. Treatment.
7. Nephrotic syndrome. Definition. Etiology, pathogenesis. Clinical features. Diagnosis. Treatment.
8. Diabetic nephropathy. Classification. Clinical features. Diagnosis. Treatment.
9. Acute nephritic syndromes. Etiology, pathogenesis. Poststreptococcal GN. IgA-nephropathy. Clinical features. Diagnosis. Treatment.
10. Renal hypertension. Etiology. Pathogenesis. Clinical features. Diagnosis. Treatment.
11. Glomerular diseases. Pathogenesis. Progression of glomerular disease. Approach to the patient. Urinary abnormalities. Proteinuria. Hematuria. Pyuria. Casts.
12. Glomerulonephritis. Classification. Minimal change disease. Membranous GN. FSGS. Clinical features. Diagnosis. Treatment.
13. Tubulointerstitial diseases. Introduction. Exogenous toxins. Metabolic toxins.
14. Acute tubulointerstitial diseases of kidney. Causes.
15. Chronic tubulointerstitial diseases of kidney. Causes.
16. Allergic interstitial nephritis. Etiology. Clinical features. Diagnosis. Treatment.

17. Analgesic nephropathy. Etiology. Diagnosis. Lithium-associated nephropathy. Etiology. Clinical features. Treatment. Heavy-metal (lead, cadmium) nephropathy. Causes. Diagnosis. Treatment. Chronic uric acid nephropathy. Etiology. Diagnosis. Treatment.
18. Amyloidosis. Definition. Etiology. Pathogenesis. Types: AL, AA, A $\beta$ 2M, ATTR amyloidosis. Clinical features. Diagnosis. Treatment.
19. Renal amyloidosis. Classification. Clinical features. Diagnosis. Treatment.
20. UTI. Pyelonephritis. Definition. Etiology. Clinical features. Diagnosis. Treatment.

### *Reference book*

- Harrison's Principles of Internal Medicine. 17<sup>th</sup> edition, 2008.  
Harrison's Principles of Internal Medicine. 18<sup>th</sup> edition, 2013.  
Harrison's Principles of Internal Medicine. 19<sup>th</sup> edition, 2015.  
Harrison's Principles of Internal Medicine. 20<sup>th</sup> edition, 2018.  
Harrison's Principles of Internal Medicine. 21<sup>th</sup> edition, 2023.

Head of Department, professor



A. M. Minasyan