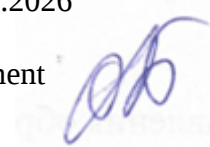


APPROVED

at the Meeting of the Department of Internal Diseases,
Cardiology and Rheumatology with a course of advanced
training and retraining
Protocol #1 of 31.08.2026

Head of the Department



A.M.Prystrom

Credit questions

for **additional course “Electrocardiographic diagnosis of myo- and pericardial diseases”** for the **5th** 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 **2026/2027** academic year

1. Give characteristic of cardiac conduction system.
2. Electrocardiographic leads (main and additional).
3. ECG registration technique.
4. Heart rate and conductivity analysis algorithm.
5. Determination of heart axis deviation.
6. What are the ECG signs of atrial hypertrophy?
7. Specify signs of right and left ventricular hypertrophy.
8. Violations of sinus node automatism.
9. Give characteristic of WPW and LGL syndromes.
10. List basic ECG signs of atrial, nodular and ventricular extrasystoles.
11. What is the difference between monotypic and polytypic extrasystoles?
12. Paroxysmal atrial, nodular and ventricular tachycardias.
13. Differential diagnosis of atrial fibrillation and flutter.
14. Specify ECG criteria for ventricular fibrillation and flutter.
15. What is asystole of the heart?
16. Sinoatrial block diagnosis.
17. Interatrial block ECG signs.
18. Differential diagnosis of Mobitz types in atrioventricular block.
19. What is Frederick's syndrome?
20. Bundle branch blocks ECG presentation.
21. ECG signs of chronic ischemic heart diseases.
22. Specify non-STEMI and STEMI ECG signs.
23. ECG changes in myocardial infarction of various localizations.
24. ECG signs of pulmonary embolism.
25. ECG changes in myocarditis and pericarditis.
26. Long QT syndrome ECG diagnostics.
27. Describe Brugada syndrome criteria.
28. Modes of cardiac pacing.
29. ECG signs for pacemaker malfunction.