**Subject:** Clinic and ECG-diagnostics of rhythm and conduction disturbance.

Table 1.General information

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| --- | --- | --- |
| 1 | School | Astrakhan SMU |
| 2 | Speciality | General medicine |
| 3 | Discipline | [Propaedeutics of Internal Diseases](https://www.multitran.com/m.exe?s=Propaedeutics+of+Internal+Diseases&l1=1&l2=2) |
| 4 | Author of the tasks | V.V. Antonyan, E.A. Uklistaya, A.V. Dedov,  А.А.Panov, N.V.Kamneva, S.G. Kasatkina |
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| 7 | SNILS | - |

Table 2.List of tasks in the discipline

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| --- | --- | --- |
| **Type** | **Code** | **Text of a job function title /a question of the task/possible answers** |
| Ф |  |  |
|  |  |  |
| В | 001 | Arrhythmic pulse is typical for: |
| О | А | ectopic heartbeat, bigeminy-type |
| О | B | atrioventricular blocks II degree 2:1 |
| О | C | idioventricular rhythm |
| О | D | atrial flutter 3:1 |
| О | E | sinus tachycardia |
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| В | 002 | Revealing of PQ-interval with the help of ECG, equal to 0,28 s, witnesses: |
| О | А | atrioventricular conduction block |
| О | B | sinuauricular conduction block |
| О | C | His bundle branch block |
| О | D | preexcitation syndrome |
| О | E | norm |
|  |  |  |
| В | 003 | Pulse deficiency is usually revealed in: |
| О | А | auricular fibrillation |
| О | B | nodal rhythm |
| О | C | atrioventricular blocks I degree |
| О | D | intra-atrial block |
| О | E | sinus bradycardia |
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| В | 004 | His left bundle branch block is characterized by all the signs except: |
| О | А | deformation of complexes QRS in V1 rsR-type |
| О | B | widening of complexes QRS more than 0,11 s |
| О | C | deformation and splitting of the wave R in V6 |
| О | D | deep and wide wave S in V2 |
| О | E | discordant shifting of ST-segment and wave T |
|  |  |  |
| В | 005 | His right bundle branch block is characterized by all the signs except: |
| О | А | deformation, widening and splitting of wave R in V6 |
| О | B | widening of complexes QRS more than 0,11 с |
| О | C | wide wave S in V6 |
| О | D | deformation of the complexes QRS in V1rsR-type |
| О | E | discordant shifting of ST-segment and wave T |
|  |  |  |
| В | 006 | Ventricular extrasystoles is characterized by everything except: |
| О | А | waves P in the extrasystolic complex |
| О | B | arrhythmy of pulse and heart tones |
| О | C | untimely of ventricular complex appearing on ECG |
| О | D | deformation and widening of extrasystolic ventricular complex more than 0,11 s |
| О | E | coupling interval and compensatory pause sum up to double interval RR |
|  |  |  |
| В | 007 | Atrial fibrillation is characterized by all the signs except: |
| О | А | possibility of either regular or irregular ventricular rhythm |
| О | B | wave P disappearing |
| О | C | waves f appearing |
| О | D | dependence of ventricular rhythm frequency on atrioventricular node refractivity |
| О | E | high risk of thromboembolic complication formations |
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| В | 008 | Complete atrioventricular block is characterized by all the ECG signs except: |
| О | А | heart rate is usually more than 60 per min |
| О | B | intervals PP are equal |
| О | C | intervals R-R are equal |
| О | D | intervals PP are shorter than RR |
| О | E | registration of not expanded complexes QRS in proximal form, and deformed, and expanded more than 0,11 s complexes QRS in a distal form |
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| В | 009 | Complete atrioventricular block is characterized by all the signs except: |
| О | А | pulse acceleration during physical activity |
| О | B | Morgagni-Adams-Stokes syndrome |
| О | C | rare regular rhythm |
| О | D | changing intensity of heart tones |
| О | E | increasing of systolic artery pressure |
|  |  |  |
| В | 010 | All the signs are characteristic of supraventricular extrasystole, except: |
| О | А | deformation and extension of extrasystolic ventricular complex more than 0,11 s |
| О | B | arrhythmy of pulse and heart tones |
| О | C | untimely of ventricular complex appearing on ECG |
| О | D | possible appearance of P-waves in extrasystolic complex |
| О | E | coupling interval and compensatory pause sum up less than double interval RR |
|  |  |  |
| В | 011 | Atrial flutter is characterized by all the signs except: |
| О | А | intervals FF are not equal |
| О | B | possibility of either regular or irregular rhythm of ventricles |
| О | C | absence of isoline with the presence of a saw-like waves F |
| О | D | waves frequencyof F is 250-300 per min |
| О | E | disappearing of wave P |
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| В | 012 | Atrial fibrillation is not observed in: |
| О | А | neurocirculatory dystonia |
| О | B | mitral stenosis |
| О | C | thyrotoxicosis |
| О | D | postinfarction cardiosclerosis |
| О | E | dilated cardiomyopathy |
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| В | 013 | Paroxysmal ventricular tachycardia is characterized by the following signs except: |
| О | А | spaces R-R are not equal |
| О | B | impulsive beginning with fast development of heart activity |
| О | C | heartbeat rate is more 140 per min with filiform pulse |
| О | D | complexes QRS are extended more than 0,11 s |
| О | E | appearance of waves P out of connection with QRS in their rhythm |
|  |  |  |
| В | 014 | Paroxysmal supraventricular tachycardia is characterized by the following signs except: |
| О | А | heartbeat rate is up to 140 per minute |
| О | B | impulsive beginning and ending |
| О | C | complexes QRS are usually not extended |
| О | D | intervals R-R are equal |
| О | E | may be compensated during massage of carotid sinus |
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| В | 015 | Periodical appearance complex QRS in ECG together with preceding wave P is a sign of: |
| О | А | sinoatrial block |
| О | B | atrioventricular block II degree |
| О | C | complete atrioventricular block |
| О | D | interpolated extrasystoles |
| О | E | blocked extrasystoles |
|  |  |  |
| В | 016 | In atrioventricular block of II degree all the signs may be met except: |
| О | А | The number of QRS-complexes is higher than the number of waves P |
| О | B | arrhythmy of pulse and heart tones |
| О | C | periodical lengthening of PQ-interval |
| О | D | periodical absence of QRS-complexes |
| О | E | Periodical registration of long intervals RR, equal to double short ones |
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| В | 017 | “Pistol-shot” Strazhesko is auscultated in: |
| О | А | complete atrioventricular block |
| О | B | His bundle blockade |
| О | C | ectopic heartbeat |
| О | D | auricular fibrillation |
| О | E | paroxysmal supra ventricular tachycardia |
|  |  |  |
| В | 018 | Reduplication of the first heart apical tone is auscultated in: |
| О | А | His bundle blockade |
| О | B | auricular fibrillation |
| О | C | supraventricular arrythmia |
| О | D | paroxysmal supra ventricular tachycardia |
| О | E | intra-atrial block |
|  |  |  |