

Annex IV. Questionnaire in English

Block 1: This block contains 16 questions regarding personal information and previous ECG interpretation education.

1. Sex.

Male

Female

2. Age_____

3. Place of study:

SPHMMC

JUMC

AHMC

BLH

4. Presence of a separate emergency medicine attachment during clinical years:

Yes

No

5. presence of a separate emergency medicine rotation during internship:

Yes

No

6. check all that you have completed during medical school:

A Lecture on ECG

Text book on ECG

A video on ECG

Any other, specify_____

7. do you feel like you have received sufficient training in ECG interpretation during medical school to be prepared for internship and your future carrier?

YES

NO

8. How confident are you in your ability to identify the basic components of an ECG?

Not at all confident

Somewhat unconfident

Somewhat confident

Very confident

9. How confident are you in your ability to interpret emergency and common ECG abnormalities.

Not at all confident

Somewhat unconfident

Somewhat confident

Very confident

10. How frequently do you interpret ECGs during your internship?

Rarely

Occasionally

Frequently

Very frequently

11. How satisfied are you with the level of feedback and guidance you receive regarding your ECG interpretation skills from supervisors or senior colleagues?

Very dissatisfied

Dissatisfied

Neutral

Satisfied

Very satisfied

12. would you like more training in ECG interpretation during medical school?

yes

No

13. if yes, what method of training would be the most helpful for you, please check 1 or more.

Lectures

Small group discussion

Online
Practice onward
quizzes
other, _____

14. how important to your work as an intern do you rate the ability to accurately interpret an ECG? Please circle one

Not at all important
slightly important
Very important
Extremely important

15. how important to your future work as a physician do you rate the ability to accurately interpret an ECG? Please circle one

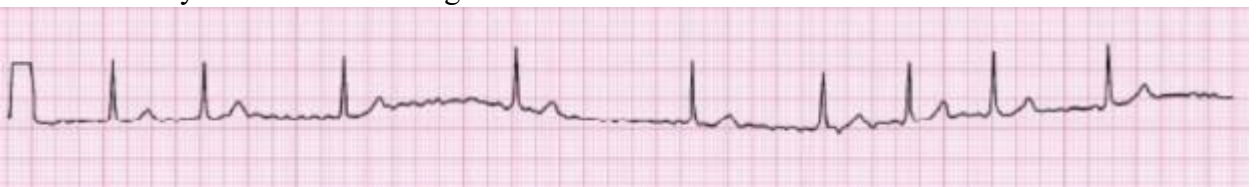
Not at all
Slightly important
very important
extremely important

Block 2: The following questions are regarding primary ECG parameters. interpretation of a single ECG strip had a response time limit of 90 seconds. Each question is displayed independently, without the possibility to return to the previous one. If the time limit was exceeded, the next question was automatically displayed. Please choose the correct answer

1. What is the calculated heart rate of the following ECG? _____

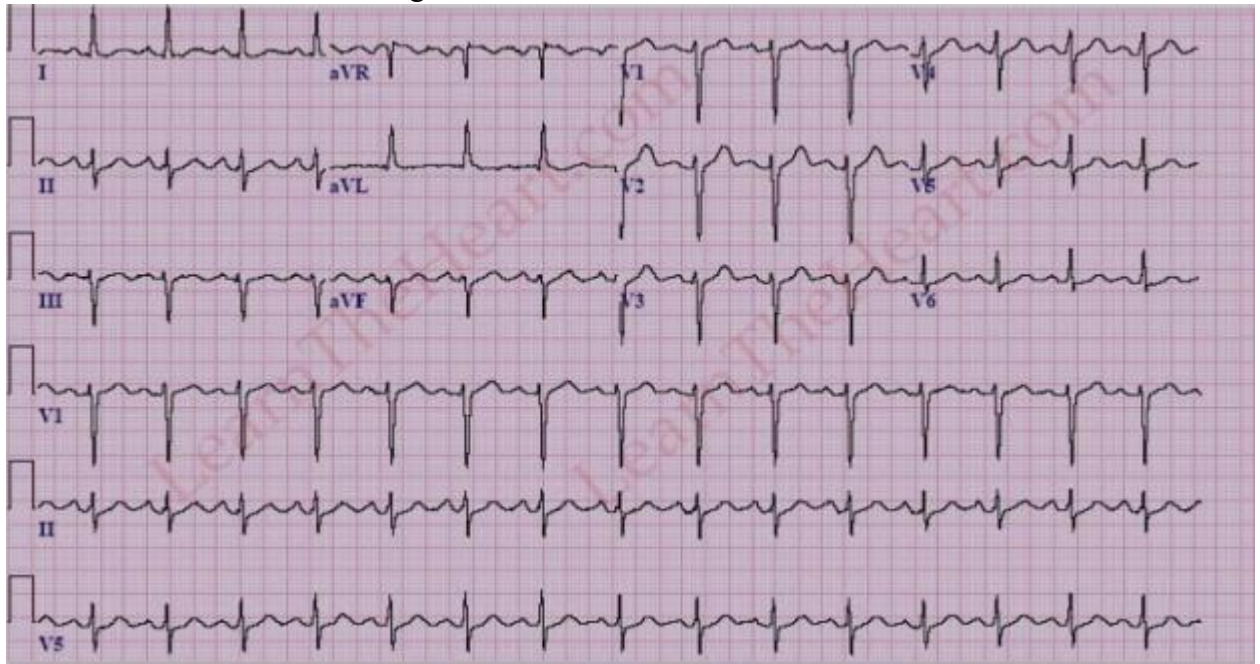


2. What is the rhythm of the following ECG?



- A- Regular
- B- Irregular

3. What is the axis of the following ECG?



- A- Right axis
- B- Left axis
- C- Normal axis

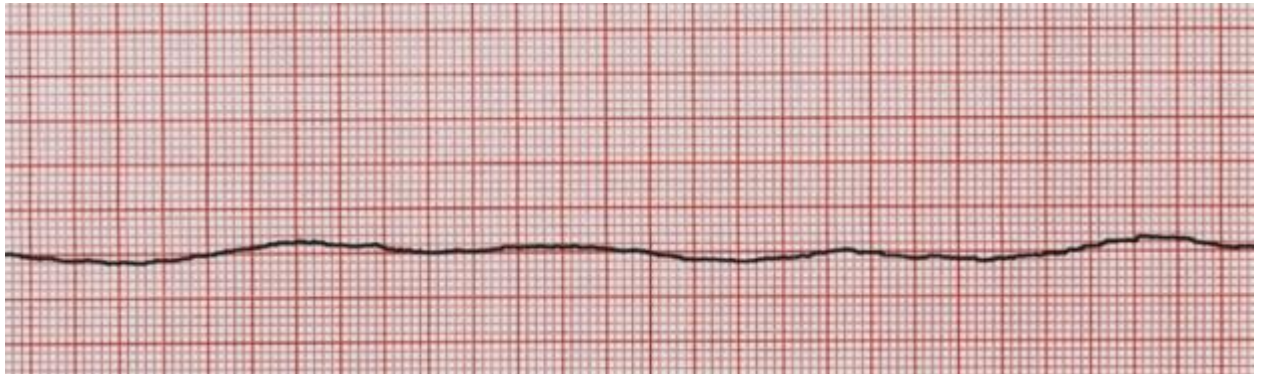
Block 3: The following questions are regarding emergency cardiovascular states. interpretation of a single ECG strip had a response time limit of 90 seconds. Each question is displayed independently, without the possibility to return to the previous one. If the time limit was exceeded, the next question was automatically displayed. Please choose the correct answer

1. What is the abnormality seen in the following ECG?



- A- Atrial flutter
- B- Atrial fibrillation
- C- Ventricular tachycardia

2. What is the abnormality seen in the following ECG?



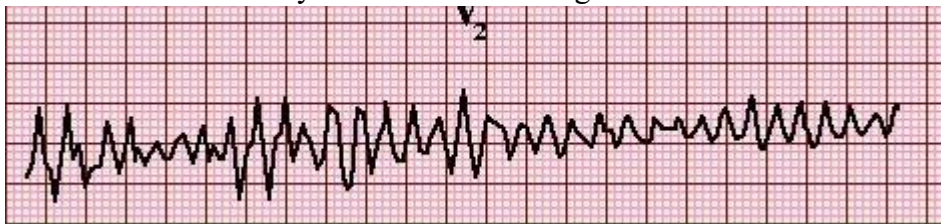
- A- Asystole
- B- Ventricular tachycardia
- C- Ventricular fibrillation

3. What is the abnormality seen in the following ECG?



- A- Atrial fibrillation
- B- Atrial flutter
- C- Ventricular tachycardia

4. What is the abnormality seen in the following ECG?



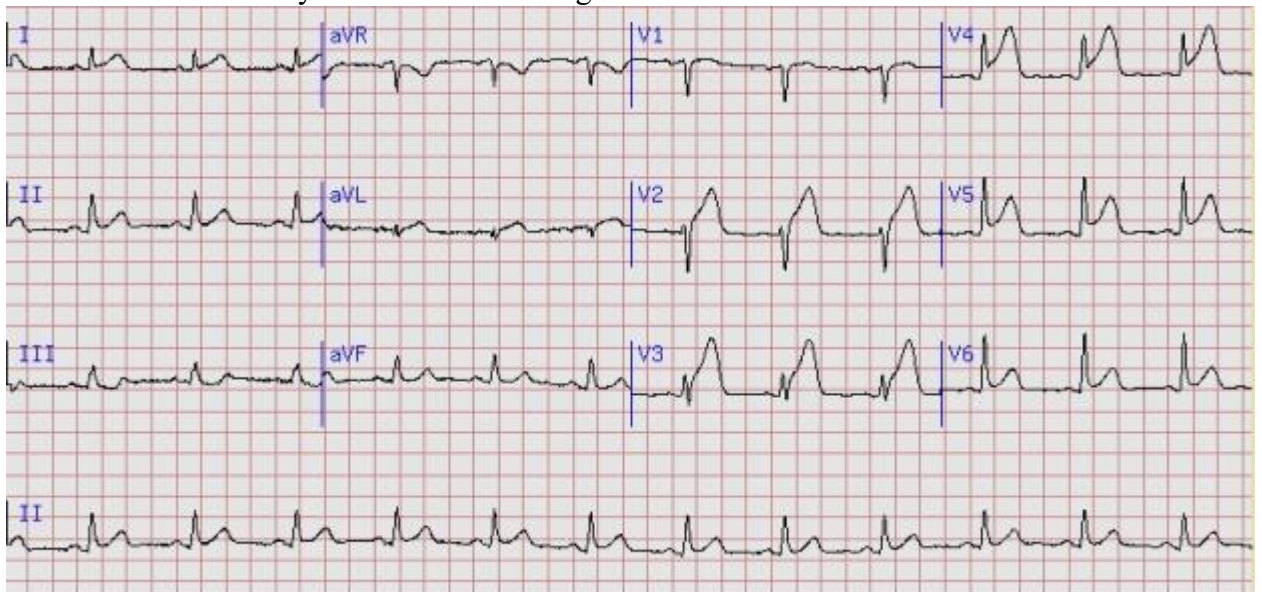
- A- Asystole
- B- Ventricular fibrillation
- C- Ventricular tachycardia

5. What is the abnormality seen in the following ECG?



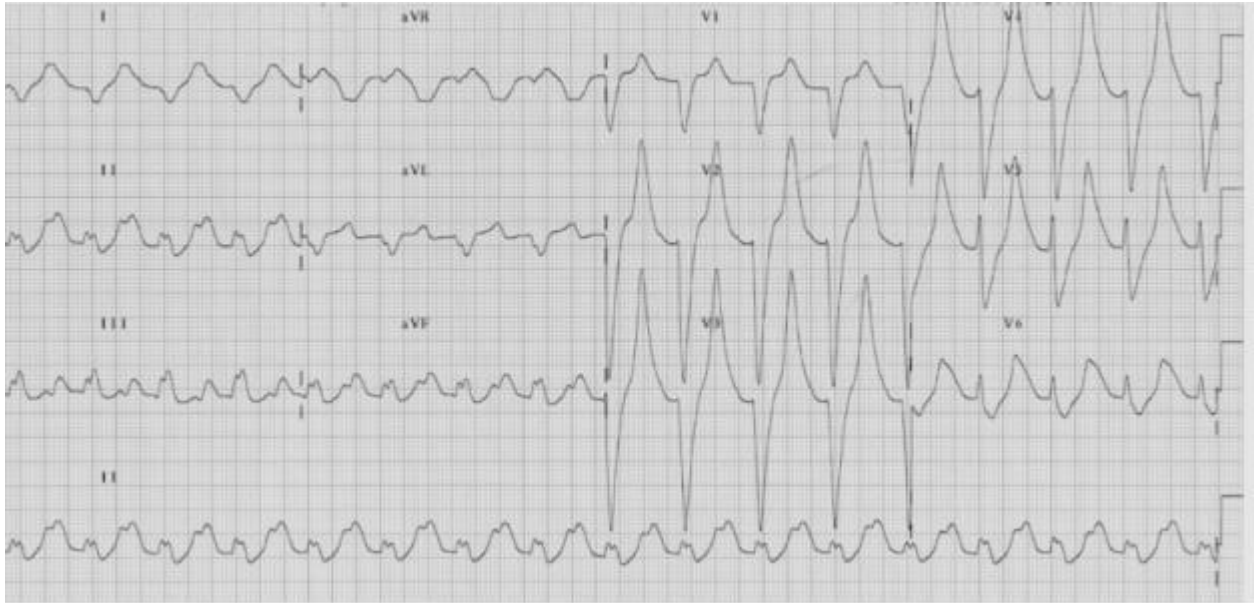
- A- First degree block
- B- Second degree block
- C- Third degree block

6. What is the abnormality seen in the following ECG?



- A- STEMI
- B- Ventricular tachycardia
- C- Non ST elevation MI

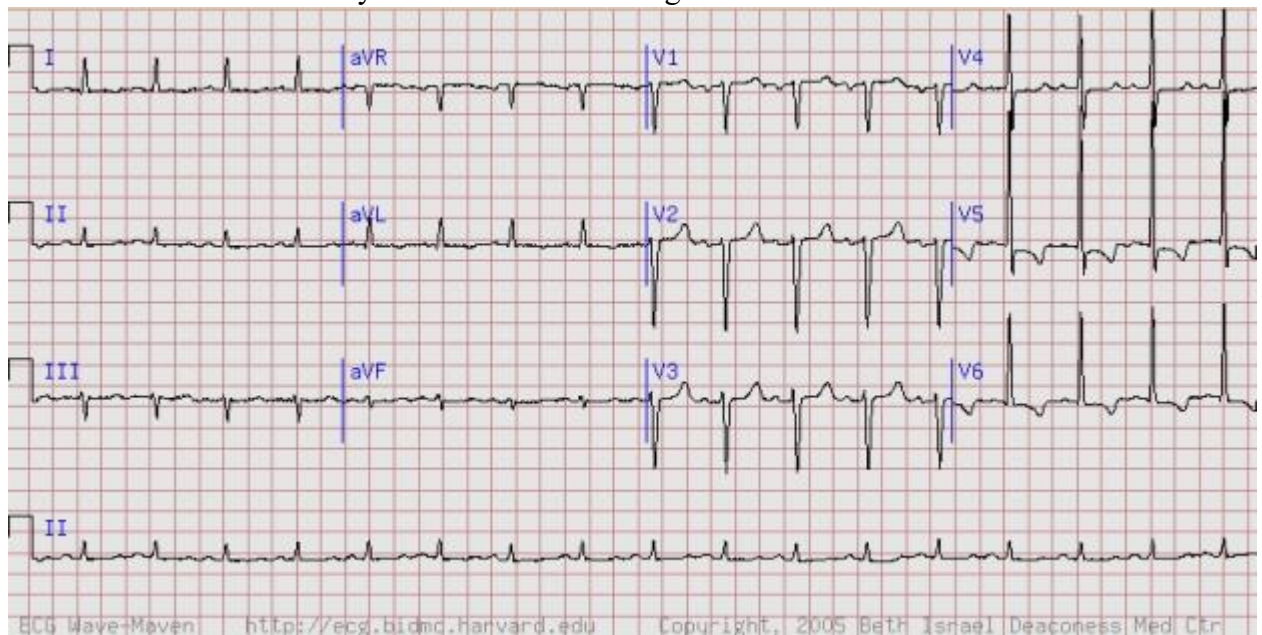
7. What electrolyte abnormality do you anticipate with the following ECG?



- A- Hyperkalemia
- B- Hypokalemia
- C- hyponatremia

Block 4: The following questions are regarding common ECG abnormalities. interpretation of a single ECG strip had a response time limit of 90 seconds. Each question is displayed independently, without the possibility to return to the previous one. If the time limit was exceeded, the next question was automatically displayed. Please choose the correct answer

1. Which chamber abnormality is seen in the following ECG?



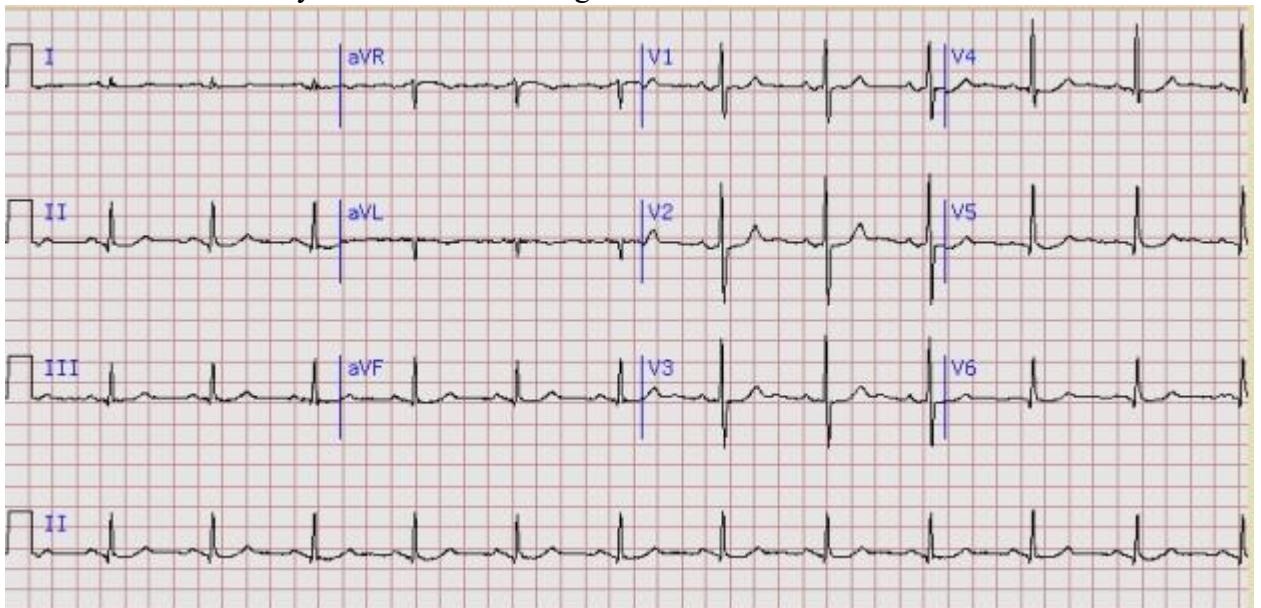
- A- Right ventricular hypertrophy
- B- Left ventricular hypertrophy
- C- Left atrial enlargement

2. What is the abnormality seen in the following ECG?



- A- Atrial flutter
- B- Atrial fibrillation
- C- Ventricular tachycardia

3. What is the abnormality seen in the following ECG?



- A- Right ventricular hypertrophy
- B- Left ventricular hypertrophy
- C- Right atrial enlargement

4. What is the abnormality seen in the following ECG?



- A- Ventricular tachycardia
- B- Sinus tachycardia
- C- Ventricular fibrillation

5. Please share any additional comments or suggestions you have regarding ECG interpretation training during your internship.