

***4th Annual UMEM
Residency ECG
Competition***

April 27, 2016



Name: _____

What program are you in? (circle one)

EM

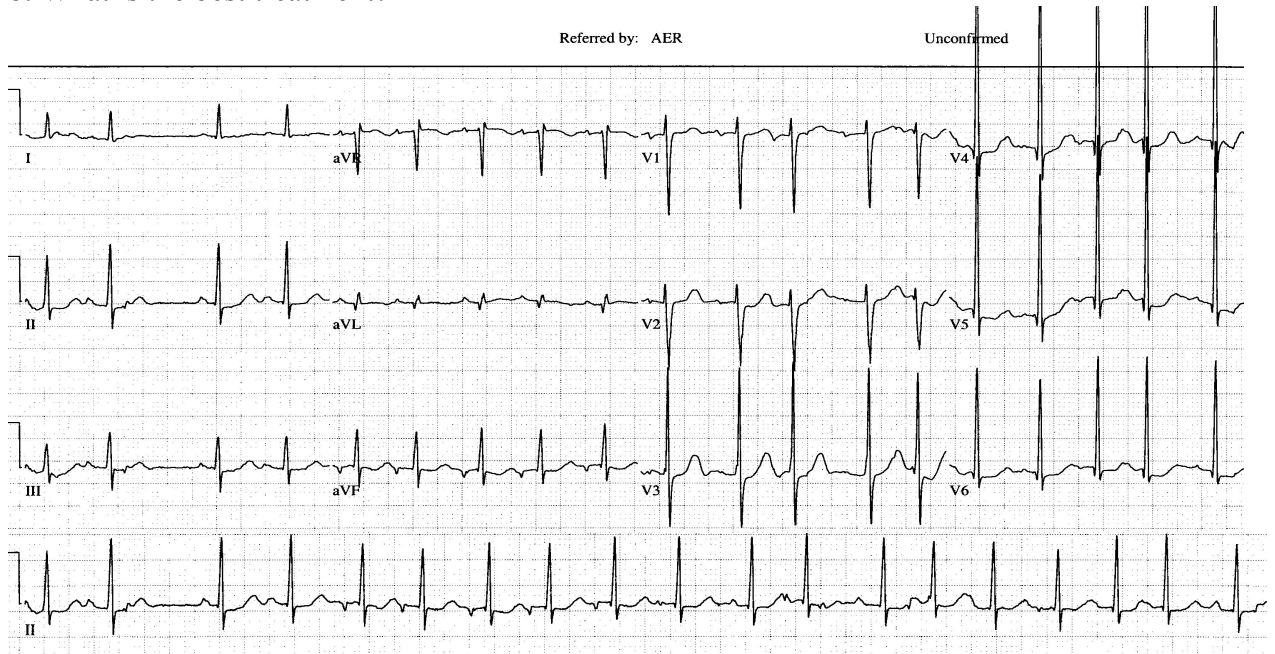
EM/Peds

EM/IM

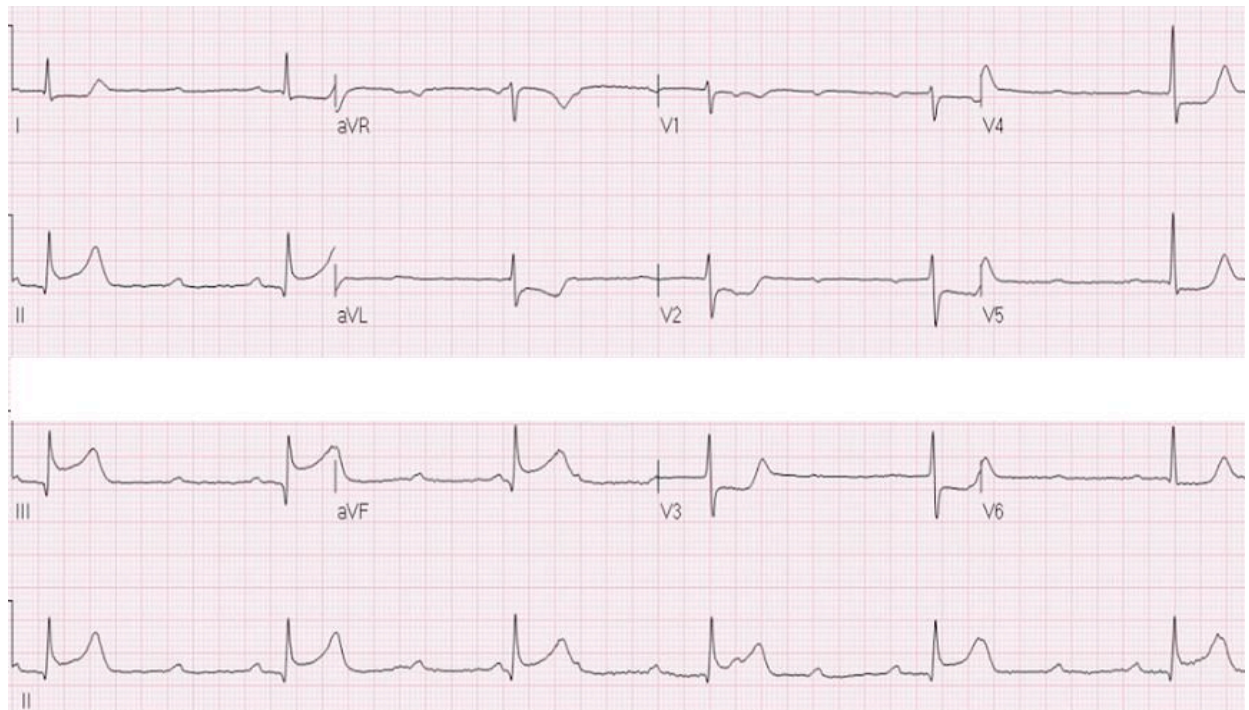
EM/IM/CC

What is your PG year? (1-6) _____

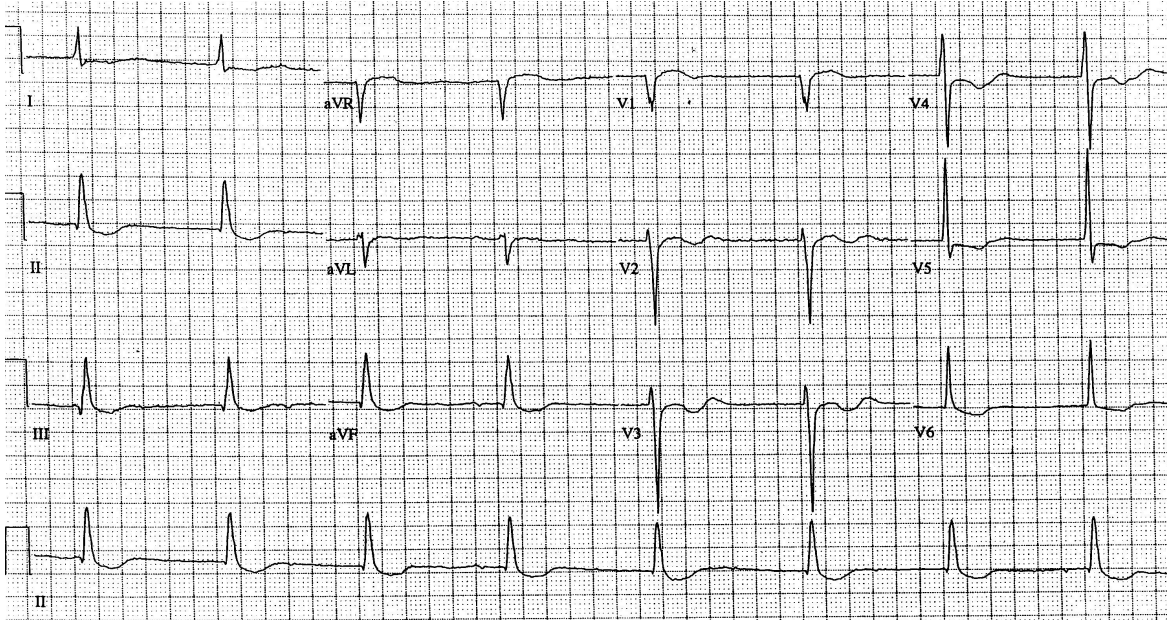
1. 56 yo man presents with dyspnea and chest tightness.
 - a. What is the full ECG interpretation?
 - b. What is the best treatment?



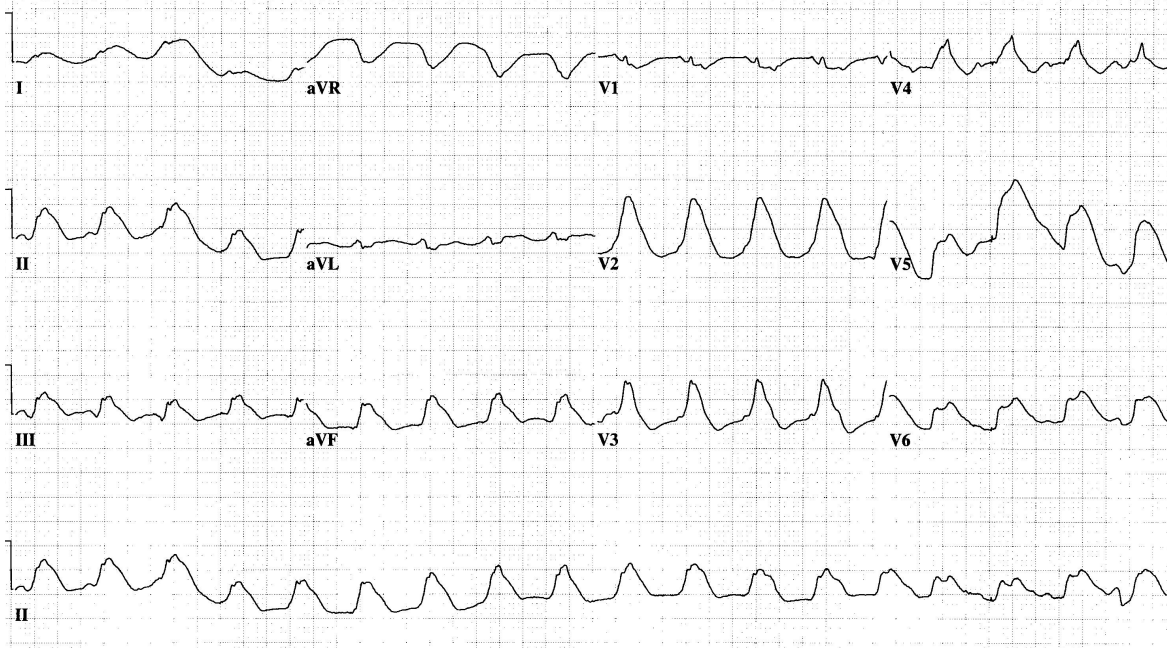
2. 56 yo man presents with dyspnea and chest tightness.
 - a. What is the full ECG interpretation?



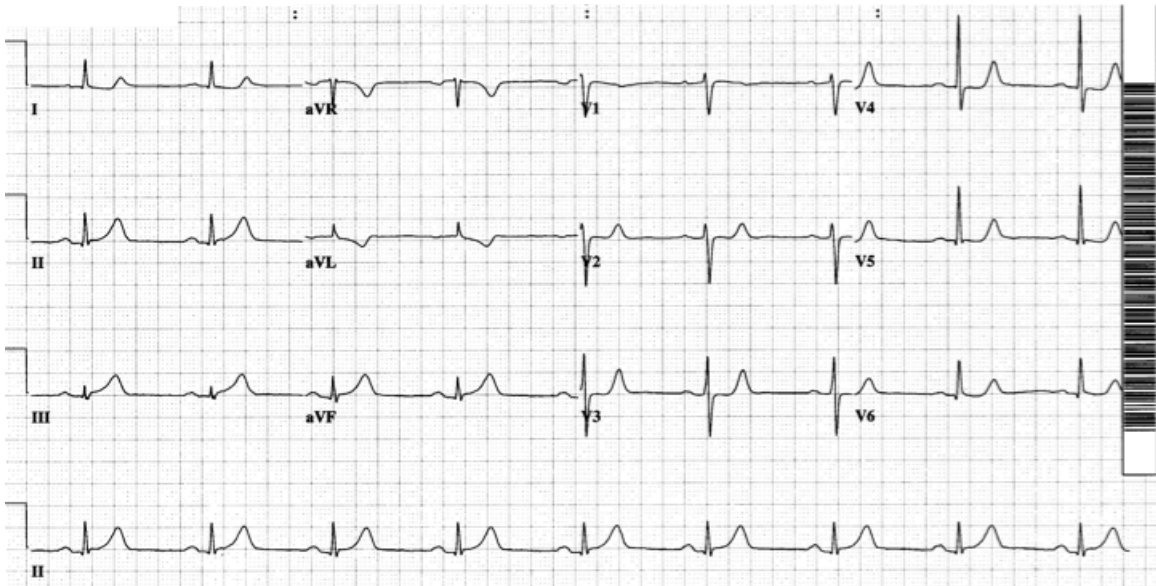
3. 66 yo woman presents with nausea, vomiting, and weakness.
 a. What is the full ECG interpretation? Include any diagnoses you think can be strongly suggested by the ECG



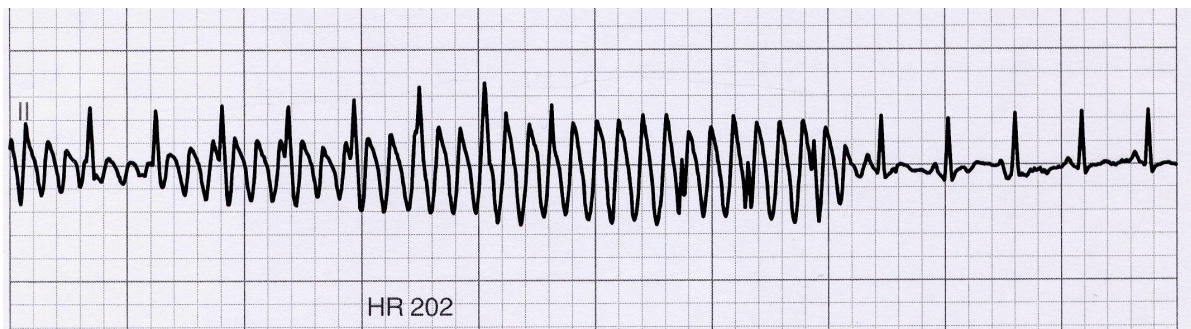
4. 66 yo W presents unconscious, hypotensive.
 a. What is the best treatment for what is seen on the ECG?



5. 87 yo M presents with dyspnea and sweats.
a. What is the likely diagnosis, and explain why.

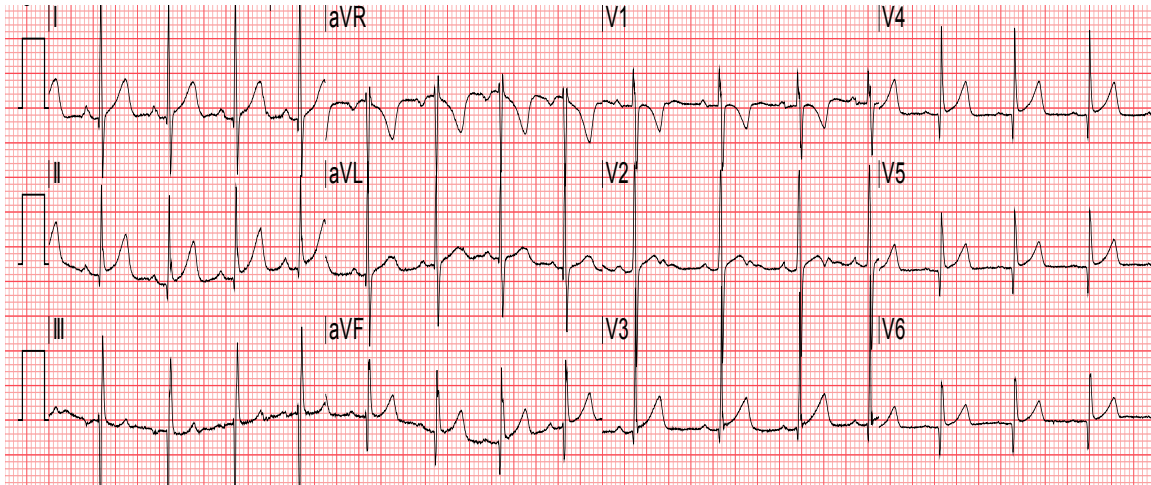


6. 45 yo W is boarding in the ED, waiting to be admitted when this occurs. She is now asymptomatic.
a. What is the diagnosis?
b. What is the treatment?



7. 13 yo male presents after syncope. He is now asymptomatic.

- a. What is the presumed ECG diagnosis?
- b. What is the diagnostic test of choice?
- c. If you are unable to get the diagnostic test of choice right away, what therapy should you initiate as an outpatient until the test is done?

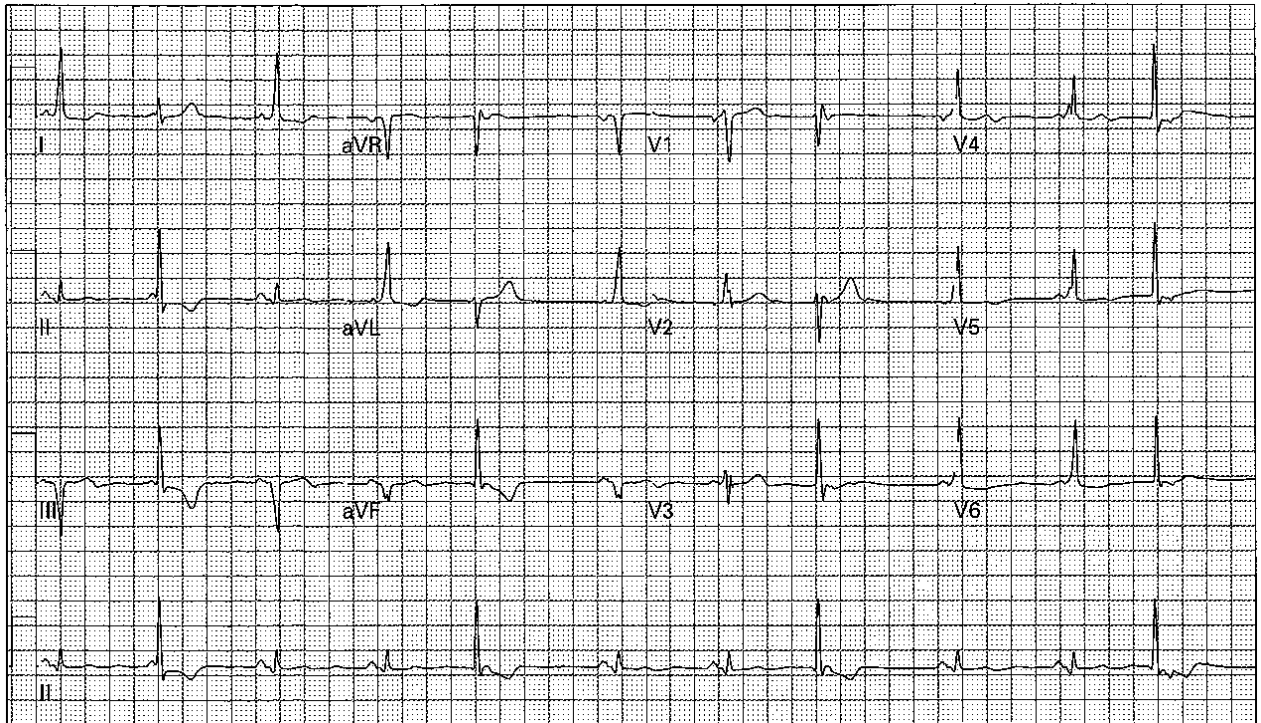


8. 68 yo man presents unable to move arms and legs. He is awake and lucid.

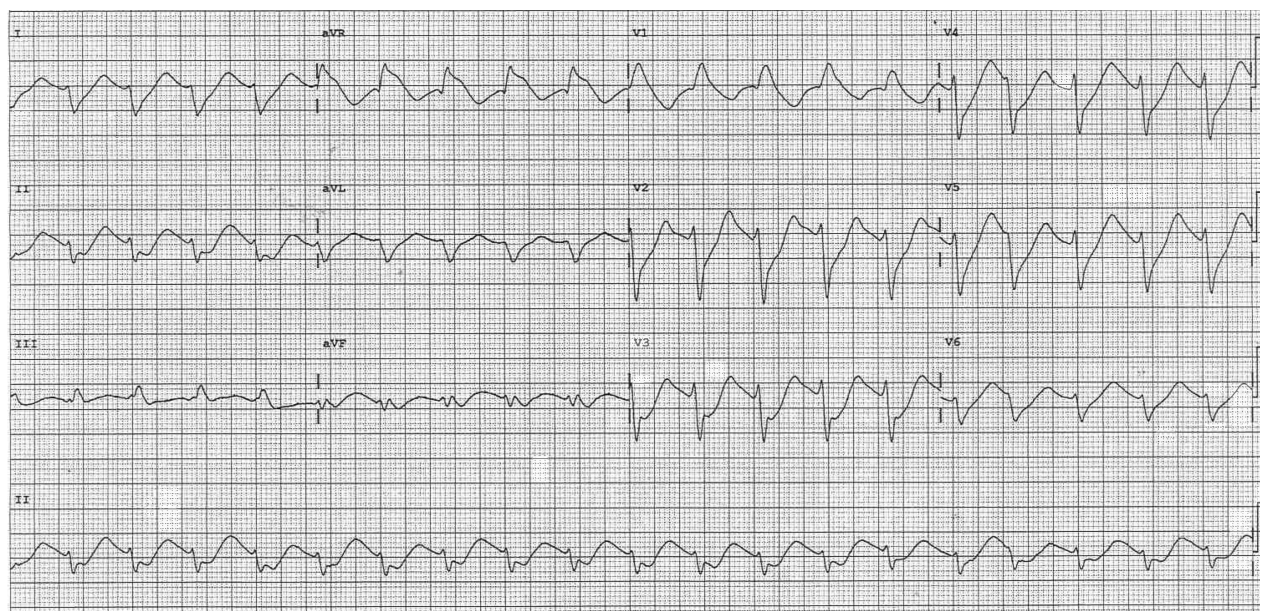
- a. What is the name of this syndrome?
- b. What are 4 medications that can be used to treat this patient?



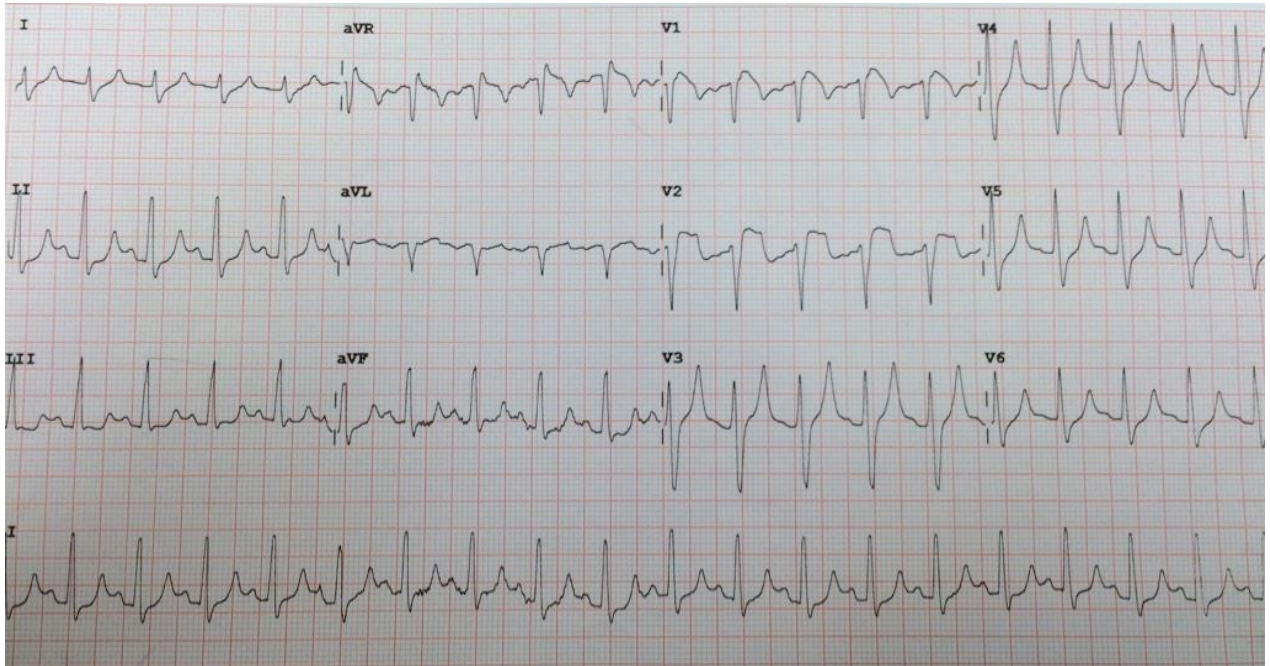
9. 76 yo woman with palpitations and syncope.
 a. What is the full ECG interpretation?



10. 35 yo man presents with altered mental status/agitation.
 a. What is the diagnosis?
 b. What is the treatment of choice?



11. 70 yo woman presents with weakness, dyspnea, near-syncope.
- What is the diagnosis?
 - What is the treatment of choice?



12. 35 yo man presents with vomiting and diarrhea.
- What is the probable cause of this T-wave abnormality?
 - What is the most feared complication of this condition?
 - What name is given to these T-waves?

