

GPCME 2010 Clinical Quiz

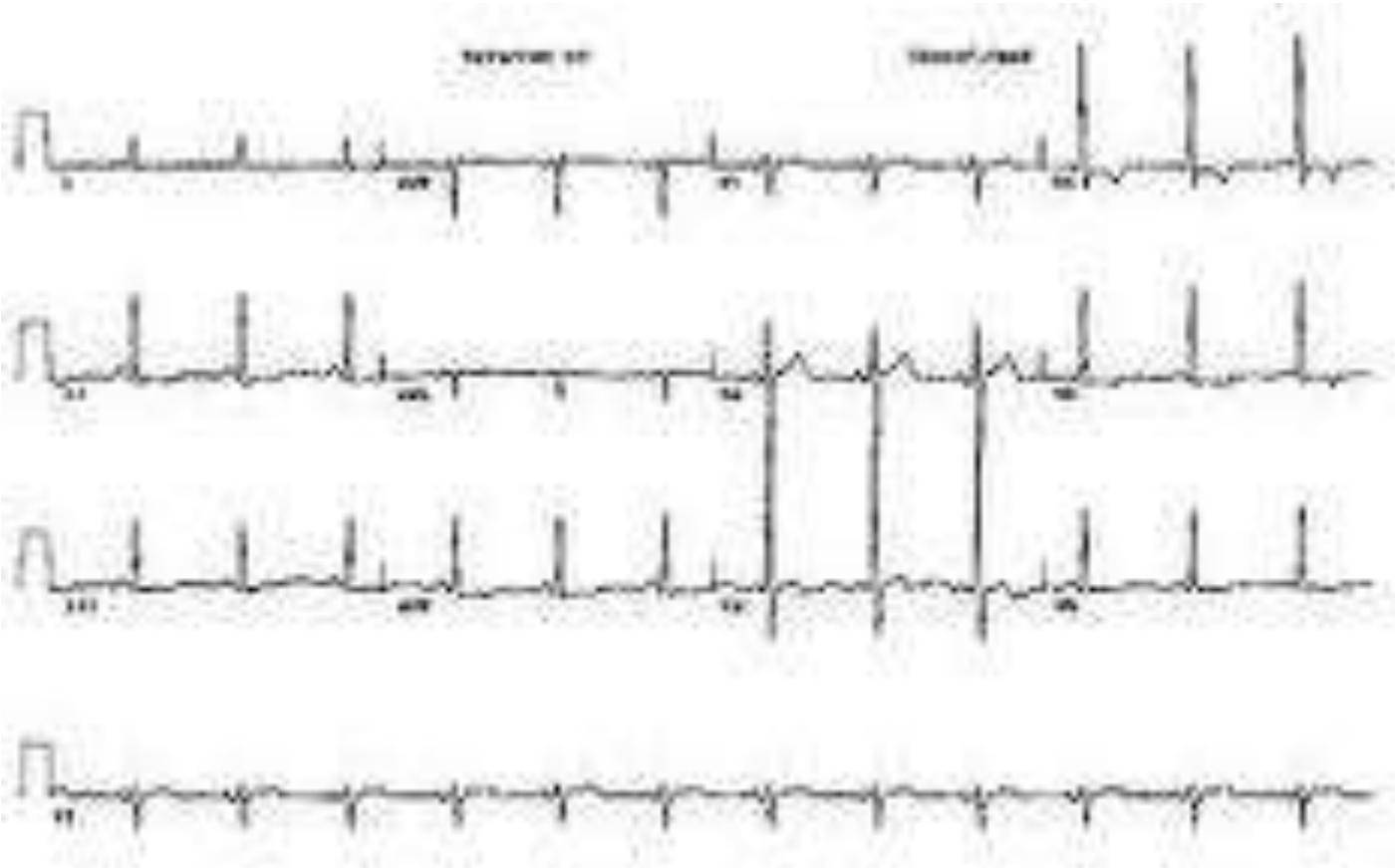
Translate this

“ Quelle est l’histoire, mais une fable convenu ”

Subject- Painter- Locale



A man with recurrent tachycardia





❖ What is this animal?

- Water Buffalo
- Barbados Sheep
- Thompson's Gazelle

❖ What Biological Theory does it support?

2. Beta-blockers for the treatment of hypertension have the following advantages:-

- a. They slow the heart rate during exercise
- b. Reduce exercise performance in women
- c. Improve left ventricular function
- d. Reduce mortality and morbidity in patients with acute myocardial infarction.
- e. Reduce the activity of the renin angiotensin system.



What Biological Experiments Were Performed Here?

Case #1

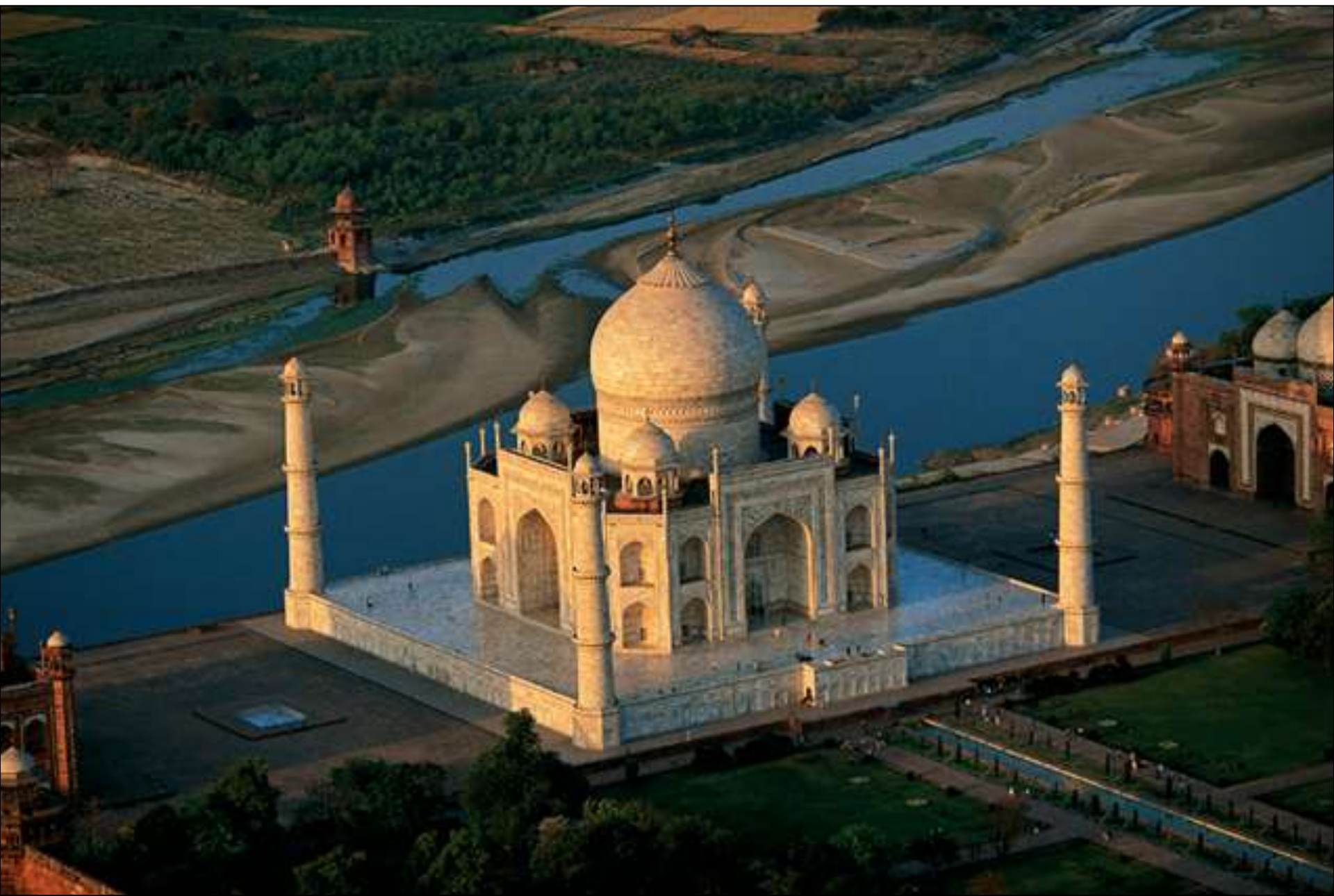
A 56-year-old male was referred to you with progressive easy fatigueability, moderate exertional dyspnea and two pillow orthopnea of a 1 year duration.

Relevant physical findings include BP 104/64 mm Hg, pulse 104/min and unlabored respirations at 20/min. Neck veins are engorged 3 cm above the clavicle at 30 degrees and the abdomino-jugular (also referred to as hepato-jugular) reflux is positive. The apical impulse is located two cm lateral to the left mid-clavicular line in the 6th interspace. Soft S3 and S4 gallops together with a grade 2/6 holosystolic murmur are heard at the apex. There are bibasilar inspiratory rales and 2+ pitting edema of the legs.

Chest x-ray reveals moderate cardiomegaly with pulmonary congestion. EKG shows a sinus mechanism with a Q, BBB and frequent unifocal premature ventricular contractions. Echocardiography reveals a left ventricular end-diastolic dimension of 62 mm with global hypokinesia, EF of 38% and moderate MR. The inferior vena cava is moderately distended and demonstrates poor inspiratory collapse

Which ONE of the following is initially indicated in the management of this patient?

- A. Furosemide
- B. Enalapril
- C. Amlodipine
- D. Beta-blocker
- E. Digoxin



What is this and what medical associations does it have ?



Who is this famous doctor?



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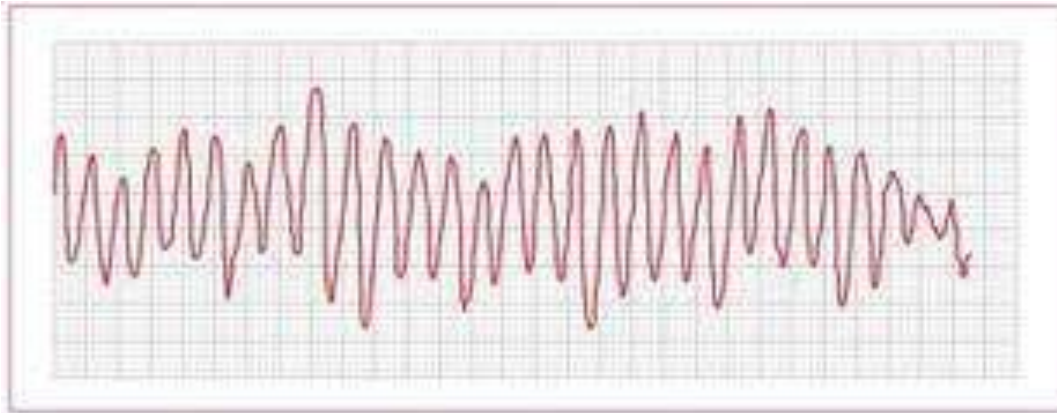
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1. What Rhythm ?
2. What is the cause?



4. Causes of secondary hypertension include the following:
- a. Cushing's syndrome
 - b. Addison's disease
 - c. Phaeochromocytoma
 - d. Aortic coarctation
 - e. Conn's syndrome