



12 –Lead EKG of the Month

Month March Year 2009

EKG	#1	#2	#3
Clinical info.	65 year old male with history of Viagra use	27 year old female marathon runner	78 year old female with history of “tachy-brady syndrome”
Rate	88	82	77
Rhythm	Sinus	Sinus	Pacemaker
ST Elevation?	Yes	No	Yes
Leads	V1-V4	N/A	V3-V5
Location (if STEMI)	N/A	N/A	N/A
Arteries (if STEMI)	N/A	N/A	N/A
Reciprocity (if STEMI)	N/A	N/A	N/A
Imposter(s)?	Yes	Yes and No	Yes
List imposter(s)	Left bundle branch block	Left ventricular hypertrophy	Ventricular pacemaker
Other info.	Clearly, there is ST elevation, but most likely, it is not due to a STEMI. Please review LBBB criteria.	Yes, LVH is present (barely) S in V1 (10) + R in V5 (26) = 36 mm but there is no ST elevation. In this case, the LVH does not cause ST elevation, so technically, it is not an imposter.	Again, there is ST elevation so this is a “true” imposter.