

How to Calculate MEA:

Semi-Quantitative Estimate:

- 1. Look for a lead with approx. net electrical deviation = 0.
- 2. Draw a line on the MEA diagram that is perpendicular to the net 0 lead
- 3. Now you know it has to be either the positive or the negative portion of that perpendicular line .
- 4. Choose any one of the other leads and draw the 3-segment on each side arc, and whichever half of the perpendicular line the arc crosses, is your MEA.

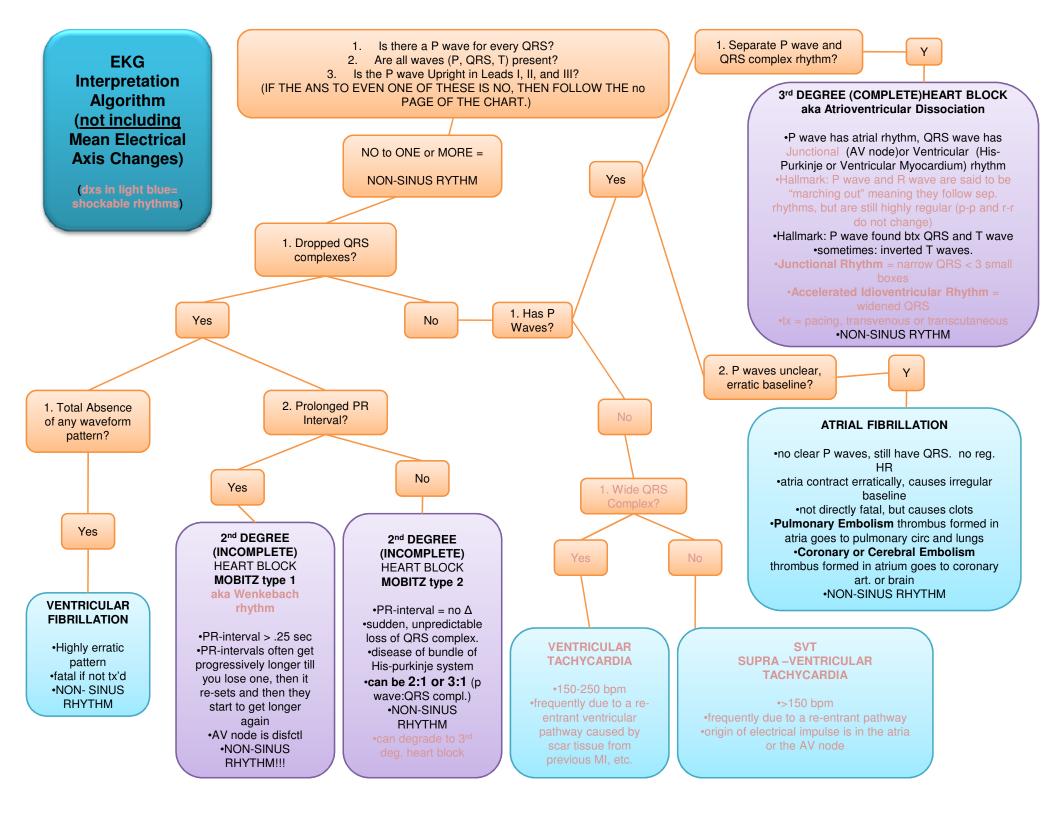
Semi-Quantitative Long Version:

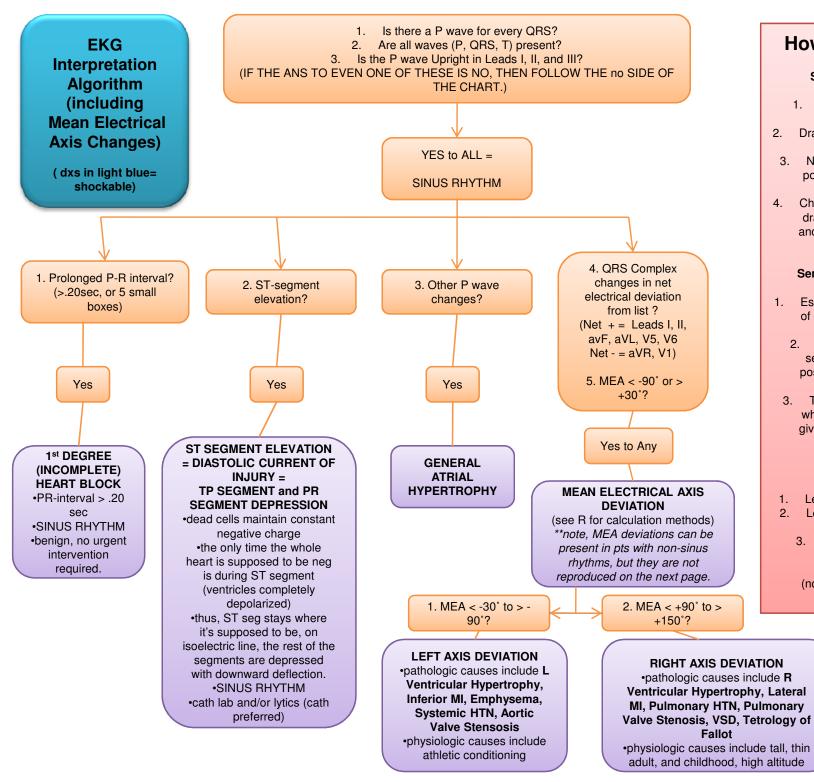
- 1. Establish the net negativity or positivity of each lead on the six limb leads (I, II, II, aVF, aVR, VL)
 - 2. On the MEA diagram, draw a "3segment on each side " on either the positive or the negative portion of each lead, according to the EKG
- 3. The MEA must lie within the wedge which has all six arcs spanning it. This gives you a range of 30° for your actual MEA.

Quick and Dirty:

- 1. Leads I and aVF are both + = normal
- 2. Lead I is and aVF is + = Right Axis Deviation (RAD)
 - 3. Lead I is + and aVF is = LAD

Quantitative (not desc. here b/c requires ruler)





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