

## STEMI Patterns

### AHA Guidelines for Classifying STEMI

ST-elevation in 2 anatomically contiguous leads measuring:

- Men < 40 years of age: 2.5 mm in V2-V3 and 1 mm in all other leads
- Men ≥ 40 years of age: 2 mm in V2-V3 and 1 mm in all other leads
- Women: 1.5 mm in V2-V3 and 1 mm in all other leads

70% sensitivity, 85% specificity for acute coronary occlusion

### Localizing STEMI

I HIGH LATERAL LCX	aVR (MAINSTEM) Suspect Proximal LAD or Severe 3VD	V1 SEPTAL LAD	V4 ANTERIOR LAD
II INFERIOR RCA	aVL HIGH LATERAL LCX	V2 SEPTAL LAD	V5 LATERAL LAD / LCX
III INFERIOR RCA	aVF INFERIOR RCA	V3 ANTERIOR LAD	V6 LATERAL LAD / LCX

### [Further Reading](#)

### References

1. O'Gara PT, et al. 2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infarction: Executive Summary: A Report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. 2012. [\[Link\]](#)

